



Candidatură pentru Membru în cadrul Consiliul Studiilor Universitare de Doctorat

Scoala Doctorală de Științe Agricole Inginerești

Curriculum vitae
Europass



Universitatea de Științe Agricole
și Medicină Veterinară din Cluj-Napoca

REGISTRATURA

Nr. 304 din 09.01.2024

1044

Informații personale

Nume / Prenume **VODNAR, Dan - Cristian**
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Naționalitate(-tăți) Română
Data nașterii 02.11.1982
Sex Masculin

Experiența profesională

Perioada 2022- prezent
2019- prezent
2019- prezent
2019- prezent
2017- 2019
2017- prezent
2018 februarie- 2018 octombrie
2016 iunie-prezent
2016 martie-prezent
2015 februarie-2017 octombrie
2011 octombrie- 2015 februarie
2011 ianuarie- 2011 decembrie
2008 februarie – 2011 septembrie
2007 octombrie – 2010 octombrie

Funcția sau postul ocupat

Membru al Academiei Europae
Membru al Senatului USAMV CN
Membru Consiliului CSUD-USAMV CN
Membru Consiliul Facultății de Știința și Tehnologia Alimentelor
Profesor universitar, Facultatea de Știința și Tehnologia Alimentelor, Departamentul Știința Alimentelor, Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca.
Conferențiar universitar, Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca.
Consultant, Expert Evaluator, Comisia Europeană, Bruxelles.
Director Consiliul Studiilor Universitare de Doctorat Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca.
Coordonator doctorat, Domeniul :Biotehnologii, Specializarea: Biotehnologii alimentare, Școala Doctorală de Științe Agricole Inginerești. Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca
Prorector cu cercetarea, Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca
Șef de Lucrări, Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca.

Asistent Universitar, Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca.

Postdoctorand

Cadru didactic asociat, Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca.

Doctorand, Domeniul Biotehnologii, Universitatea de Științe Agricole și Medicină Veterinară, Cluj Napoca.

Educație și formare

Perioada	2016 martie 2007 octombrie-2010 septembrie 2009 iunie-2009 iulie 2007 octombrie- 2009 februarie 2002 octombrie - 2007 iulie 1997septembrie – 2001 iulie
Calificarea / diploma obținută	Atestat de abilitare (Domeniul Biotehnologii), Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca. Diplomă de Doctor (Domeniul Biotehnologii). Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca. Diploma Postuniversitară. Diplomă de Master (Managementul Calității Alimentelor). Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca. Diplomă de Inginer Diplomat. Specializarea: Controlul și Expertiza Produselor Alimentare. Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca. Diplomă de Bacalaureat. Colegiul Național "George Barițiu", specializarea Matematică-Fizică, Cluj- Napoca

Specializări și calificări

Bursa, Curs, Seminar, Workshop:	2023. The 12 th International Workshop on Molecular Gastronomy, 2-3 June, AgroParisTech, Paris 2021. The 10th International Workshop on Molecular Gastronomy, 1-2 June, AgroParisTech, Paris 2021. Webinar "De la piramida alimentară, la nutriția de precizie!", UMF Târgu Mureș 2021. A 27 –a Expoziție internațională de produse alimentare, bauturi și materii prime pentru producerea acestora, Moscova, Rusia 2020. Apr. Webex Web of Science: Aprofundează cunoștințele în domeniul tău de cercetare cu Web of Science, România. 2020 Jun. 1st edition of the workshop for Technology Commercialization organized by the Technical University of Cluj-Napoca and financed by Junior Achievement Romania. 2019 Jun. International Workshop on Molecular Gastronomy. AgroParisTech. Paris, France. 2018 May. 1 st AgroSpace-MELiSSA Workshop, Roma, Italia. 2017 Sep. Couse: Implementarea și auditarea sistemelor de management al calitatii SR En ISO 9001:2015 și SR EN ISO 19011:2011 18 - 20.09.2017; Cluj-Napoca, Romania. 2017 Jun. International Workshop on Molecular Gastronomy. AgroParisTech. Paris, France. 2016 Apr. Workshop "Orizontul 2020 al biotehnologiilor și biodiversității în era globalizării"; Conferința "Diaspora în cercetarea Științifică și Învățământul Superior din România - Diaspora și prietenii săi". Timisoara, Romania. 2015 Nov. Workshop "Legea Dieteticianului - perspective de viitor." UMF, Cluj-Napoca, Romania. 2015 Jun. Training "Atomization techniques" - Biozoon GmbH, Bremerhaven, Germany. 2015 Mar. Workshop "Eduprenoriat - Centru Pilot pentru Inovatie și Transfer de bune Practici în Educație". Cluj-Napoca, Romania. 2014 Oct. "European Biotechnology Days". European Biotechnology Thematic Network Association and Romanian Academy. Cluj-Napoca, Romania. 2014 Sep. "Joint Research Centre", The European Commission's in-house science service. Ispira, Italy.
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2014 Apr. Curs de Instruire in utilizarea platformelor "Asistent-ID" pentru tutori. Cluj-Napoca, Romania.

2013 Sep.-Dec. Curs de Formator - educatie continua. Cluj-Napoca, Romania.

2012 Nov. Postgraduate course: "Horizons in life sciences". Belgrade Food International Conference, Belgrade, Serbia.

2012 Sep. "Professional Media Training for Food and Nutrition Scientists-MAITRE". Communicating Food Science Research in Cluj-Napoca, Romania.

2009 Oct. "Workshop FEBS- European Federation of Biochemistry Societies". UASVM, Cluj-Napoca, Romania.

2009 May. Course: "Instruire in utilizarea platformei Asistent-ID pentru tutori". UASVM, Cluj-Napoca, Romania.

2009 Jun. Course: "MAKIS- Modernizing Agricultural Knowledge and Information System." UASVM, Cluj-Napoca, Romania.

2008 Jun. First International Workshop „New Approaches in Bioencapsulation”. UASVM, Cluj-Napoca, Romania.

2008 May. Seminary: "Implista - Înțelegerea Standardelor Internaționale de Calitate și Siguranță Alimentară." UASVM, Cluj-Napoca, Romania.

2008 Apr. "3rd International Advanced Course on Food Fermentation", Wageningen University, Graduated School VLAG, The Netherlands.

Contracte de Cercetare **Director proiecte internationale**

9. H2020-MSCA-RISE-2021 Type of Action: MSCA-RISE Acronym: FEEDACTIV 2022-2026- Coordinator
8. H2020. Type of Action: ERASMUS-EDU-2022-PI-FORWARD Acronym: Geek4Food. 2022-2025
7. CEEPUS-Resilient management of bioactive compounds from plants and organic wastes in Middle -Europe. 2021-2023.
6. CASEE Fund for Incentives. "Bio-system for cereal by-products-derived antioxidants production" 2020-2022.
5. H2020-MSCA-RISE-2020 Type of Action: MSCA-RISE Acronym: FRIETS. 2021-2024.
4. Manunet III- Non-Act. NOvel Natural Antimicrobial CoaTings for food production chain. 2018-2020.
3. Manunet II- TOMATOCYCLE. 34/14.06.2017. Sustainable exploitation of tomato processing industry by-products. 2017-2020.
2. Food Fermentations for Purpose: Health Promotion and Biopreservation – LONGLIFE. 2016-2019.
1. Automatisiertes Aquaponic-System zur nachhaltigen Erzeugung frischer Lebensmittel", FKZ DBU: 33716/01-35 (Acronim: PlantGeek). 2017-2019.

Director proiecte cercetare naționale

14. Proiect PN-III-P1-1.1-TE-2019-1748. Bio-sistem pentru producția de vanilină din reziduuri cerealiere. Finanțator: UEFISCDI.
13. Proiect PN-III-P1-1.2-PCCDI- 2017-0056. Model de colaborare functional intre organizatii publice de cercetare si mediul economic cu scopul acordarii de servicii stiintifice si tehnologice de inalt nivel in domeniul bioeconomiei. Finanțator: UEFISCDI.
12. Proiect PN-III-P1-1.2-PCCDI- 2017-0473. De la nutritia clasica la nutritia de precizie in domeniul cresterii animalelor, baza stiintifica pentru asigurarea securitatii nutritionale a populatiei. Finanțator: UEFISCDI.
11. Proiect PN-III-P1-1.1-TE- 2016-0661. Reducerea zaharului si cresterea biodisponibilitatii compusilor din subproduse alimentare in produsele dulci de panificatie. Finanțator: UEFISCDI.
10. Proiect PN-III-P2-2.1-PED-2016-1237, 17 PED/2017. Utilizarea eficientă a glicerolului brut de biodiesel in producția de acid lactic. Finanțator: UEFISCDI.
9. Proiect POC, P-37_637/2016. "Dezvoltarea și modelarea bioprocесelor pentru obținerea de 1,3-Propanediol (PD) și acid citric din glicerol brut, cu aplicații în industria alimentară" – ProGlyCom. Finanțator ANCSI.

8. **Proiect PN-II-PT-PCCA-2013-4-0743, 2014- 2017.** O nouă generație de băuturi probiotice funcționale cu impact asupra sănătății gastrointestinale. Finantator: UEFISCDI
7. **Grant Academic - Proiect :**"Bioconversia: glycerol crud de biodiesel in acid lactic prin cultivarea fungilor peletizati." 2013.
- 6.**Grant Academic - Proiect :**"Efectul stimulat al microîncapsulării ceaiului verde îmbogățit cu seleniu asupra viabilității bacteriilor probiotice (l.casei, b.breve) pe durata expunerii condițiilor sucului gastro-intestinal simulat" 2012.
5. **Proiect PN-II-IN-CI-2012-1-0009, 15 CI/2012.** Microîncapsularea probioticelor in diferite matrici naturale si testarea viabilitatii in vitro. Finantator: UEFISCDI
4. **Proiect PN-II-IN-CI-2012-1-0157, 107 CI/2012.** Sistem de management al sigurantei si securitatii alimentare, aplicat in tehnologia de obtinere a jeleurilor cu probiotice microîncapsulate. Finantator: UEFISCDI
3. **Proiect PN-II-IN-CI-2012-1-0311, 163 CI/2012.** Îmbunătățirea sigurantei alimentare prin utilizarea de etichete inteligente cu rol antimicrobian aplicate pe suprafata fructelor. Finantator: UEFISCDI
- 2 **Proiect PN-II-IN-CI-2012-1-0372, 175 CI/2012,** Sistem de management al sigurantei si securitatii alimentare aplicat in dezvoltarea ambalajelor bioactive cu efect antimicrobian de tip biofilm. Finantator: UEFISCDI
1. **BD (Burse Doctorale). 200.** Optimizarea unor fermentații lactice, induse de diferite microorganisme pe substraturi de origine vegetală. Finantator: MECTS.

Director proiecte instituționale:

04. Cod proiect 125171/380 Sprijin pentru doctoranzi si cercetatori post-doctorat. Academia Cercetatorilor Antreprenori in Medicina.
03. CNFIS-FDI-2019-0090/2019. Cresterea vizibilitatii cercetarii de excelenta din USAMV Cluj-Napoca. Finantator MCI- UEFISCDI.
02. 37 PFE-2018-2020. Cresterea performantei institutuale prin mecanisme de consolidare si dezvoltare a directiilor de cercetare din cadrul USAMVCN. Finantator: MCI- UEFISCDI.
01. CNFIS-FDI-2018-0344/2018. "Susținerea cercetării de excelență în USAMV Cluj-Napoca". Finantator MCI- UEFISCDI.

Director contract internationale de cercetare si consultanta

Contract Centiv GmbH- Germania 2015

Director contract nationale de cercetare si consultanta

Contract Sc. Detox si Nutritie. SRL, 2015-2016.

Membru în proiecte internaționale de cercetare

06. ERANET-MBT-ProBone 2/2018. New tools for prospecting the marine bone-degrading microbiome for new enzymes (PROBONE).2018-2020.
05. H2020- SFS-2018-817690-CropBooster- Preparatory action to Boost Global Crop Yield for Food & Nutrition Security and fueling a Bioeconomy.2018-2021.
04. PN-III-P3-3.1-PM-RO-CN-2018-0089, 4 BM/2018. Studiul diversității genetice a resurselor de păr (Pyrus sp.) din China și România și utilizarea tehnicilor de micropropagare in vitro pentru conservarea fondului de germoplasmă. 2018-2019.
03. TEMPUS - Modernization and harmonization of Tourism study programs in Serbia 544543-TEMPUS-I-2013-IRS-TEMP US-JPCR-MHTSPS
02. COST Action CM1406 Chemistry And Molecular Sciences And Technologies Epigenetic Chemical Biology (EPICHEM)
01. COST Action CA15215 Innovative approaches in pork production with entire males.

Membru în proiecte nationale de cercetare

11. Proiect PN-III-P2-2.1-PED-2016-0627 , 15 PED/2017. Licopen nutraceutic produs prin procedee biotehnologice din reziduuri naturale agro-industriale cu aplicatii pe industria alimentara. Finantator: UEFISCDI.
10. PN-II-RU-TE-2014-4-1255/2015. Bioconversia reziduurilor agroalimentare în metaboliți fungici cu valoare adăugată. Finantator UEFISCDI.

9. PNII-RU-TE-2014-4-0842/2015. Extracte naturale de compuși biologic activi din reziduul de borhot de malț cu aplicații în dezvoltarea de noi produse alimentare funcționale. Finantator UEFISCDI.
8. PN-III-P2-2.1-BG-2016- 0122/2016. Dezvoltare, optimizare și inovare tehnologică la SC Dragon RC SRL în vederea obținerii unor produse de panificație-patiserie superioare și optimizate nutrițional. Finantator UEFISCDI.
7. PN II-RU-TE-2009-1 Nr. 258/2010: Conservarea biodiversității bivoului românesc în complexitatea ecosistemului din transilvania prin diferite tehnici moderne în vederea îmbunătățirii calității laptelui și a produselor lactate. Finantator: MECS
6. Proiect PN II, Nr 52140/2008 Trasabilitatea alimentelor utilizand metode izotopice. Studiul de caz mierea și vinul. (IZOTRAS). Finantator: MECS.
5. Proiect PN II, Nr. 71098/2007: Senzori și aparatură pentru controlul calității unor produse alimentare (SENSALIM). Finantator: MECS
4. Proiect PN II, Nr. 61008/2007. Tehnologii inovative de producere a unor alimente funcționale de origine vegetală cu impact asupra sănătății umane (PHYTOMED). Finantator: MECS
3. Proiect PN II, Nr. 22/1383 /24.09.2007: Cercetări privind producerea de substanțe nemetalifere micronizate competitive, solicitate de industria cosmeticelor și industria alimentară, prin elaborarea și implementarea unor sisteme performante de procesare (MICROMIN). Finantator: MECS
2. Proiect PN II, Nr.1375 /24.09.2007: Obținere de bomboane cu ingrediente naturale funcționale utilizand tehnologii alternative și inovative (DROPSAN). Finantator: MECS.
1. POSDRU/89/1.5/S/52432. "Biotehnologii Aplicate" cu Impact în bioeconomia românească (Spd-Biotech). Finantator: Fonduri Structurale.

Lista Lucrări Publicate Relevante ISI: 230, BDI: 30, citări WOS: 5559, h-index: 43. (10 lucrări relevante)

- VODNAR, D. C., CALINOIU, L. F., MITREA, L. Exploiting the effect of dietary fibre on the gut microbiota in patients with pelvic radiotherapy. *British Journal of Cancer*, 2022, 127(9), 1575-1576.
- MARTĂU, G. A., CĂLINOIU, L. F., VODNAR, D. C.*Bio-vanillin: Towards a sustainable industrial production. *Trends in Food Science & Technology*, 2021, 109, 579-592. (*corresponding author)
- VODNAR, D.C., CĂLINOIU, L.F., DULF, F.V., ȘTEFĂNESCU, B.E., CRIȘAN, G., SOCACIU, C. Identification of the bioactive compounds and antioxidant, antimutagenic and antimicrobial activities of thermally processed agro-industrial waste. *Food Chemistry*. 2017. 231: 131-140.
- MITREA, L., CĂLINOIU, L. F., TELEKY, B. E., SZABO, K., MARTĂU, A. G., ȘTEFĂNESCU, B. E., DULF, F.V., VODNAR, D. C*. (2022). Waste cooking oil and crude glycerol as efficient renewable biomass for the production of platform organic chemicals through oleophilic yeast strain of *Yarrowia lipolytica*. *Environmental Technology & Innovation*, 28, 102943. (*corresponding author)
- TELEKY, B. E., MARTĂU, G. A., RANGA, F., POP, I. D., VODNAR, D. C*. Biofunctional soy-based sourdough for improved rheological properties during storage. *Scientific Reports*, 2022, 12(1), 17535. (*corresponding author)
- SZABO, K., CĂTOI, A.F., VODNAR, D.C*. Bioactive Compounds Extracted from Tomato Processing by-Products as a Source of Valuable Nutrients. *Plant Foods for Human Nutrition*. 2018. 73(4):268-277.(*corresponding author).
- VODNAR, D.C., SOCACIU, C. Selenium enriched green tea increase stability of casein and L. plantarum chitosan coated alginate microcapsules during exposure to simulated gastrointestinal and refrigerated conditions. *LWT – Food Science and Technology*. 2014. 57(1):406-411
- SZABO, K., DULF, F.V., DIACONEASA, Z., VODNAR, D.C.*Antimicrobial and antioxidant properties of tomato processing byproducts and their correlation with the biochemical composition. *LWT – Food Science and Technology*. 2019. (*corresponding author)
- PRECUP, G., VODNAR, D.C*. Gut Prevotella as a possible biomarker of diet and its eubiotic versus dysbiotic roles-A comprehensive literature review. *British Journal of Nutrition*. 2019, 122 (2) 131-140.(*corresponding author).

VODNAR, D.C., MITREA, L., TELEKY, B. E., SZABO, K., CĂLINOIU, L. F., NEMEȘ, S. A., MARTĂU, G. A. Coronavirus Disease (COVID-19) Caused by (SARS-CoV-2) Infections: A Real Challenge for Human Gut Microbiota. *Frontiers in Cellular and Infection Microbiology*. 2020,10: 786.

Capitole cărți internaționale 10 lucrări importante

VODNAR, D.C., MITREA, L., CĂLINOIU, L.F., SZABO, K., ȘTEFĂNESCU, B. E. Removal of bacteria, viruses, and other microbial entities by means of nanoparticles. *Advanced Nanostructures for Environmental Health*. Elsevier. 2020.

VODNAR, D. C., CĂLINOIU, L. F., MITREA, L., PRECUP, G., BINDEA, M., PĂCURAR, A. M., SZABO, K., ȘTEFĂNESCU, B. E. A New Generation of Probiotic Functional Beverages Using Bioactive Compounds From Agro-Industrial Waste. In *Functional and Medicinal Beverages*. 2019, 483-528. Academic Press.

POP, O. L., SALANȚĂ, L. C., POP, C. R., COLDEA, T., SOCACI, S. A., SUHAROSCHI, R., VODNAR, D. C. Prebiotics and Dairy Applications. In *Dietary Fiber: Properties, Recovery, and Applications* (pp. 247-277). 2019, Academic Press

POP, O. L., SOCACI, S. A., SUHAROSCHI, R., VODNAR, D. C. Pro and prebiotics foods that modulate human health. *The Role of Alternative and Innovative Food Ingredients and Products in Consumer Wellness*. 2019. 283-313. Academic Press.

CĂLINOIU, L.F., FĂRCAȘ A., SOCACI S., VODNAR D.C* . Innovative Sources. In *Nutraceuticals and Natural Product Pharmaceuticals*. Elsevier. 2019, 235-265. Academic Press. (*corresponding author)

SOCACI, S., FĂRCAȘ, A., VODNAR, D.C., TOFANĂ, M. Food Wastes as Valuable Sources of Bioactive Molecules in Superfood and Functional Food - The Development of Superfoods and Their Roles as Medicine. 2017, InTech, p.75-93

FĂRCAȘ, A.C., SOCACI, S.A., MUDURA, E., DULF, F. V., VODNAR, D.C., TOFANĂ, M., SALANȚĂ, L.C. Exploitation of Brewing Industry Wastes to Produce Functional Ingredients. *Brewing Technology*. InTech. Chapter 7. 2017 137- 156.

POP, O.L., VODNAR, D.C. Procyanidins and their effectiveness after incorporation into food systems. in *Procyanidins: Characterisation, Antioxidant Properties and Health Benefits*. Nova Publishers, New York, USA, 2016, p 129-149.

Vodnar, D.C, Pop, O. L., Socaciu, C. 2015. Probiotics: Microencapsulation. *Encyclopedia of Biomedical Polymers and Polymeric Biomaterials*, Ed. Taylor & Francis, New York, USA. DOI 10.1081/E-EBPP-120049275.

Cărți naționale

Vodnar, D.C. 2018. *Aplicații biotehnologice în industria alimentară*. AcademicPres, Cluj Napoca. 978-973-744-699-2.

Vodnar, D.C. 2014. *In vitro* survivability of probiotic bacteria during exposure to gastrointestinal tract conditions. AcademicPres, Cluj Napoca. 978-973-744-349-6.

Manuale didactice

Vodnar, D.C. 2018. *Biotehnologii alimentare, Manual didactic pentru ID*, AcademicPres, ISBN 978-973-744-664-0

Vodnar, D.C. 2016. *Biotehnologii alimentare*, AcademicPres, 978-973-744-540-7 p 179, 2016

Vodnar, D.C. 2013. *Noțiuni de Biotehnologii Alimentare*. AcademicPres, 978-973-744-323-6.

Indrumatoare de lucrari practice

Vodnar, D.C. 2013. *Biotehnologii Alimentare-lucrări practice*. AcademicPres, 978-973-744-319-9.

Vodnar, D.C., Socaciu, C. 2012. *Chimia alimentelor-lucrări practice*. AcademicPres, 978-973-744-262-8

Mobilitati de predare

Universidad Politecnica de Valencia, Spain, 25 - 29.09.2011, Mobilitate Erasmus

Universite D'Abomey Calavi, Benin, Africa, decembrie 2017, Mobilitate Erasmus

Yanka Kupala State University of Grodno, Belarus noiembrie 2018, Mobilitate Erasmus

Zhejiang University, China, mai 2019.

Suranaree University of Technology, Thailand, iunie 2019, Mobilitate Erasmus

Brevete de invenție

5. Brevet de invenție. RO 135223 / 2021. Compoziția și procedeul de obținere a acidului citric biogenic microincapsulat. Autori: **Vodnar Dan Cristian**, Mitrea Laura, Dulf Francisc Vasile, Trif Monica, Socaci Sonia, Pop Oana Lelia, Simon Elemer, Vodnar (Ștefănescu) Bianca Eugenia.

4. Brevet de invenție: RO 135220 / 2021. Compoziția și procedeul de obținere a 1,3-Propandiolului biogenic microincapsulat. Autori: **Vodnar Dan Cristian**, Mitrea Laura, Dulf Francisc Vasile, Trif Monica, Socaci Sonia, Pop Oana Lelia, Simon Elemer, Vodnar (Ștefănescu) Bianca Eugenia.

3. Brevet de invenție: RO 129492/2017. Eticheta cu acțiune antimicrobiană și procedeul de obținere a acesteia. Autori: **Vodnar Dan Cristian**, Pop Oana Lelia, Carmen Socaciu

2. Brevet de invenție: nr RO 128966/2017. Biofilm cu acțiune antimicrobiană, procedeul de obținere și utilizari. Autori: **Vodnar Dan Cristian**, Carmen Socaciu

1. Cerere brevet OSIM nr A 00040 din 19.02.2016. Compoziția și procedeul de obținere a jeleului probiotic. Autori: **Vodnar Dan Cristian**, Pop Oana Lelia, Carmen Socaciu

Premii

Top 2% oameni de știință din lume -Opera Omnia. – 2023

Academia Română, Premiul "Traian Săvulescu" – Domeniile Biologie, Fitopatologie, Biotehnologie, Știința Alimentului. Secțiunea Științe Agricole și Silvicultură, pentru: Removal of bacteria, viruses, and other microbial entities by means of nanoparticles. Authors: **Dan C. Vodnar**, Laura Cot (Mitrea), Lavinia Florina Mureșan (Călinoiu), Katalin Szabo și Bianca Eugenia Ștefănescu (Vodnar). București, 7 dec. 2022, Aula Academiei Române.

Top 2% oameni de știință din lume în domeniul Științei Alimentelor. – 2022

Top 2% oameni de știință din lume în domeniul Științei Alimentelor. – 2021

Top 2% oameni de știință din lume în domeniul Științei Alimentelor. – 2020

"JCI Ten Outstanding Young Persons" (TOYP). Categorie: Științific, tehnic. 2018.

Distincția „Cinstea Maramuresului”, Gala Cinstea Maramuresului 2018, Consiliul Județean Maramureș, Editia I, 2018.

Medalia de AUR, Salonul Internațional de Inventica, Geneva, Elveția, 2017.

Diploma de Excelență Premiul III în cadrul concursului național „Rada Mihalcea pentru Tineri Cercetători în Știință și Inginerie”, 2016, Cluj Napoca.

Young Scientist Award 2016, Vira International Foundation, India.

Semifinalist în cadrul concursului European Social Innovation, 2015. (30 semifinaliști din 1408 aplicații).

Top 100 „oameni care mișcă țara în direcția bună” – Foreign Policy România 2014 – pentru activitățile de cercetare/innovare.

Diploma de Excelență în cadrul concursului național „Tineri Cercetători în Știință și Inginerie”, 2015, Cluj Napoca.

Technology and Innovation Award, Aspen Institute Romania, 2015, București.

Danubius Young Scientist Award, Viena, Austria, Iunie 25.

Diplome/ Medalii

Diploma de Excelență din partea USAMV și distincția „Profesorul anului 2019, 2020, 2021, 2022.

Diploma de Excelență din partea USAMV și distincția „Conferențiarul anului 2018, 2017

Diploma de Excelență din partea USAMV și distincția „Seful de lucrări a anului 2016

Diploma de Excelență din partea USAMV și distincția „Asistentul anului universitar 2015, 2014, 2013, 2012, 2011,

Peste 70 de premii și medalii la Saloanele de invenție

Peste 120 de premii UEFISCDI pentru premiarea rezultatelor cercetării

Membru în societăți științifice și industriale

American Nutrition Association

Hightech Europe

CommNET Communicating the Bioeconomy

Slow Food International

Rezultate didactice

Coordonare lucrări de diplomă : 56

Coordonare lucrări de master: 41

Coordonare teze de doctorat susținute: 6

Premii obținute cu studenții: 35

Recenzor științific

Nature Communications, Trends in Food science and Technology etc.

Invited Speaker

Serile JCI- Cluj Napoca-

Leaders Education - UBB Cluj-Napoca

Panel Member- Heinnovate- Supporting Innovation and Entrepreneurship in and through Higher Education, Bucharest

Prevenția Dezechilibrelor Metabolice,

Dialoguri Transform, Creatori de viitor

The rural development in the context of European Competitiveness, Bucharest

European Parliament- Romanian Food Industry, Product Quality and Current Research in Food Science, Brussels 26.11.2018

Conferința Națională "Nutritia, Medicina Viitorului" - UMF Cluj-Napoca - 24.11.2017

Forbes Heroes - 27.05.2017

TEDx Cluj-Napoca - 20.02.2016

TEDxBrașov 2022

Scena deschisă cu Dan Vodnar, 2023

Conferința Națională "Nutritia, Medicina Viitorului" - UMF Cluj Napoca - 27.11.2015

Conferința Anuală Detox 5 - Cluj-Napoca - 05.11.2015

Leaders Education - UMF Cluj-Napoca - 29.10.2014

Aptitudini și competențe personale

Precizați limba(ile) maternă(e) (dacă este cazul specificați a doua limbă maternă, vezi instrucțiunile)

Limba(i) străină(e) cunoscută(e)

Autoevaluare Nivel european (*)	Înțelegere		Vorbire			Scriere	
	Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă		
Limba engleza	C1 Utilizator experimentat	C1 Utilizator experimentat	B2 Utilizator independent	B2 Utilizator independent	B2 Utilizator independent		
Limba franceza	A1 Utilizator elementar	A1 Utilizator elementar	A1 Utilizator elementar	A1 Utilizator elementar	A1 Utilizator elementar		
Limba germana	B2 Utilizator independent	B2 Utilizator independent	A2 Utilizator elementar	A2 Utilizator elementar	A2 Utilizator elementar		

() Nivelul Cadrului European Comun de Referință Pentru Limbi Străine*

Competențe și aptitudini
organizatorice

În prezent sunt responsabil DBU Alumni Romania. (<http://dbualumniro.objectis.net/>)

Competențe și aptitudini de utilizare a
calculatorului

Cunoștințe de navigare pe Internet, de căutare în baze de date.
Cunoștințe de operare a programelor Microsoft Office (Word, Excel, PowerPoint, Access),
precum și a unor programe ca ChemWin, EndNote, Origin, Prism.
Cunoștințe de bază în realizarea de web-site-uri.
Cunoștințe de bază a programelor de grafică : PhotoShop, Photo-Brush.

Competențe și aptitudini artistice

Pasionat de Grafică

Permis(e) de conducere

Categoria B

Informații suplimentare

Referințele pot fi furnizate la cerere
<http://danvodnar.ro>

DATE CARE SE COMPLETEAZA DE CĂTRE CANDIDAT												
Domeniul activității	Tipul activității	Categoriile și restricții	Subcategoriile	Indicatori (KPI)	Autent, anul publicării, titlul, revista, vol., paginile, etc.	Factor de impact	Nr. Autori	Autor principal? (1=DA, 0=NU)	Punctaj după ultima promovare sau în ultimii 5 ani? (1=DA, 0=NU)	Punctaj	WOS / DOI	
1	2	3	4	5	(35+20)Factor impact (11) /Nr. autori	PAUCEAN, A., SOCACIU, C., VODNAR, D., MUDURA, E. A new functional dairy product containing an optimized mixture of Lactococcus lactis, kefir and brewer's yeasts. Romanian Biotechnology Letters. 2010. 15:5793-5800. DULF, F.V., UNGUREȘAN, M.L., VODNAR, D.C., SOCACIU, C. Free and esterified sterol distribution in four Romanian vegetable oils. Notulae Botanicae Horti Agrobotanici. 2010. 38:91-97 VODNAR, D.C., PAUCEAN, A., DULF, F.V., SOCACIU, C. HPLC characterization of lactic acid formation and FTIR fingerprint of probiotic bacteria during fermentation processes. Notulae Botanicae Horti Agrobotanici. 2010. 38:109-113. Aurelia Coroian, Cristian Tudor Matea, Cristian Ovidiu Corolan, Dan Cristian Vodnar, Monica Trif, Constantin Bele, Quantification of fatty acids in buffalo milk and cheese using GC-FID. Chemical listy, 2011. VODNAR, D.C., SOCACIU, C., ROTAR, A.M., STANILA, A. Morphology, FTIR fingerprint and survivability of encapsulated lactic bacteria (Streptococcus thermophilus and Lactobacillus delbrueckii subsp. bulgaricus) in simulated gastric juice and intestinal juice. International Journal of Food Science and Technology. 2010. 45 (11):2345-2351 VODNAR, D.C., VENUS, J., SCHNEIDER, R., SOCACIU, C. Lactic acid production by Lactobacillus paracasei 168 in discontinuous fermentation using lucerne green juice as nutrient substitute. Chemical Engineering and Technology. 2010. 33:468-474. RUSU COLDEA, T.Emlia., SOCACIU, C., PAUV, M., VODNAR, D.C. Gas-chromatographic analysis of major volatile compounds found in traditional fruit brandies from Transylvania, Romania. Notulae Botanicae Horti Agrobotanici. 2011. 39:109-116. VODNAR, D.C., POP, O.L., SOCACIU, C. Monitoring lactic acid fermentation in media containing dandelion (Taraxacum officinale) by FTIR spectroscopy. Notulae Botanicae Horti Agrobotanici. 2012. VODNAR, D.C. Inhibition of Listeria monocytogenes ATCC 19115 on ham steak by tea bioactive compounds incorporated into chitosan-coated plastic films. Chemistry Central Journal. 2012. 6:74 VODNAR, D.C., SOCACIU, C. Green tea increases the survival yield of Bifidobacteria in simulated gastrointestinal environment and during refrigerated conditions. Chemistry Central Journal. 2012. 6:61 PAUCEAN, A., VODNAR, D.C., SOCACIU, S.A., SOCACIU, C. Carbohydrate metabolic conversions to lactic acid and volatile derivatives, as influenced by Lactobacillus plantarum ATCC 8014 and Lactobacillus casei ATCC 393 efficiency during in vitro and in vivo fermentation. European Food Research and Technology. 2013. 137:117-124 DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two Sambucus species (S. nigra L. and S. ebulus L.). Molecules. 2013. 18(10):11768-11782 (*corresponding author) VODNAR, D.C., DULF, F.V., POP, O.L., SOCACIU, C. L (+)-lactic acid production by pellet-form Rhizopus oryzae NRRL 395 on biodiesel crude glycerol. Microbial Cell Factories. 2013. 12:92 MOCAN, A., CRIȘAN, G., VLASE, L., CRIȘAN, OVIDIU, VODNAR, D.C., RAITA, O., GHELDIU, A.M., TOIU, A., OPREAN, R., TÎLEA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of Schisandra chinensis leaves and fruits. Molecules. 2014. 19(9):15162-15179	0.152	4	0	0	9.51	
						0	4	0	0	8.75		
						0	4	1	0	17.50		
						0.620	6	1	0	15.60		
						1.223	4	1	0	29.73		
						1.394	4	1	0	31.44		
						0.463	4	0	0	11.07		
						0.652	3	1	0	32.03		
						3.281	1	1	0	201.24		
						3.281	2	1	0	100.62		
						1.436	4	0	0	15.93		
						2.428	5	1	0	33.42		
						3.310	4	1	0	50.60		
						2.095	10	0	0	7.69		

MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRIȘAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7):10056-10073.	2.095	9	0	0	8.54	15
MAGYARI, K., STEFAN, R., VODNAR, D.C., VULPOI, A., BAIU, L. The silver influence on the structure and antibacterial properties of the bioactive 10B2O3-30Na2O-60P2O5 glass. <i>Journal of Non-Crystalline Solids</i> . 2014. 402:182-186.	1.716	5	0	0	13.86	16
VODNAR, D.C., SOCACIU, C. Selenium enriched green tea increase stability of L. casei and L. plantarum in chitosan coated alginate microcapsules during exposure to simulated gastrointestinal and refrigerated conditions. <i>LWT - Food Science and Technology</i> . 2014. 57(1):406-411.	2.468	2	1	0	84.36	17
STAN, M., POPA, A., TOLOMAN, D., SILIPAS, T.D., VODNAR, D.C., KATONA, G. Enhanced antibacterial activity of zinc oxide nanoparticles synthesized using Petroselinum crispum extracts. <i>AIP Conference Proceedings</i> . 2015. 1700. 060004.	0	6	0	0	5.83	18
COLITA, A., DIN, N.E., VODNAR, D., LEOPOLD, N., DAVID, L. The discrimination of Gram-positive bacteria using Raman and SERS spectroscopies. <i>European Biophysics Journal</i> . 2015. 44 (1):543-5246.	2.219	5	0	0	15.88	19
MOCAN, A., VLASE, L., ARSENE, A.L., VODNAR, D.C., BISCHIN, C., SILAGHI-DUMITRESCU, R., GHELDIU, A.M., OPREAN, R., CRIȘAN, G. HPLC/MS analysis of caffeic and chlorogenic acids from three Romanian Veronica species and their antioxidant and antimicrobial properties. <i>Farmacia</i> . 2015. 63 (6): 890-896.	1.005	9	0	0	6.12	20
MOCAN, A., VODNAR, D.C., VLASE, L., CRIȘAN, O., GHELDIU, A.M., CRIȘAN, G. Phytochemical Characterization of Veronica officinalis L., V. teucomitl, and V. orchidea Crantz from Romania and Their Antioxidant and Antimicrobial Properties. <i>International Journal of Molecular Science</i> . 2015. 16(9). 21109-21127.	2.862	6	0	0	15.37	21
MOCAN, A., VLASE, L., VODNAR, D.C., GHELDIU, A.M., OPREAN, R., CRIȘAN, G. Antioxidant, Antimicrobial Effects and Phenolic Profile of Lycium barbarum L. Flowers. <i>Molecules</i> . 2015. 20(8): 15060-15071.	2.416	6	0	0	13.89	22
DEZSI, S., BĂGĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of Eucalyptus globulus Labill. and Corymbia ficifolia (F. Muell.) KO Hill & LAS Johnston Leaves. <i>Molecules</i> . 2015. 20(3): 4720-4734.	2.416	8	0	0	10.42	23
BORȘA, A., MUSTE, S., VODNAR, D.C., SALAMTĂ, L.C., CUIBUS, L., BORȘA, N. Sensory analysis of a new generation of probiotic drinks with functional gastrointestinal health impact. <i>UASVM Food Science and Technology</i> . 2015. 72(2): 188-192.	0.000	6	0	0	5.83	24
POP, O.L., DIACONEASA, Z., MESAROS, A., VODNAR, D.C., CUIBUS, L., CIONTEA, L., SOCACIU, C. FT-IR Studies of Cerium Oxide Nanoparticles and Natural Zeolite Materials. <i>Bulletin UASVM Food Science and Technology</i> . 2015. 72(1). 50-55.	0.000	7	0	0	5.00	25
DIACONEASA, Z., RANGA, F., RUGNĂ, D., LEOPOLD, L., POP, O., VODNAR, D., CUIBUS, L., SOCACIU, C. Phenolic Content and Their Antioxidant Activity in Various Berries Cultivated in Romania. <i>Bulletin UASVM Food Science and Technology</i> . 2015. 72(1): 99-103.	0.000	8	0	0	4.38	26
POP, O.L., DIACONEASA, Z., BRANDAU, T., CIUZAN, O., PAMFIL, D., VODNAR, D.C., SOCACIU, C. Effect of Glycerol, as Cryoprotectant in the Encapsulation and Freeze Drying of Microspheres Containing Probiotic Cells. <i>Bulletin UASVM Food Science and Technology</i> . 2015. 72(1): 27-32.	0.000	7	0	0	5.00	27
POP, O.L., BRANDAU, T., SCHWNN, J., VODNAR, D.C., SOCACIU, C. The influence of different polymers on viability of Bifidobacterium lactis 300b during encapsulation, freeze-drying and storage. <i>Journal of Food Science and Technology</i> . 2015. 52(7):4146-4155.	2.024	5	0	0	15.10	28
ROTAR, A.M., VODNAR, D.C., BUNGHEZ, F., CĂTUNESCU, G. M., POP, C. R., JIMBOREAN, M., SEMENUC, C. A. Effect of Oxy Bienes and Honey on Lactic Acid Bacteria Viability and Shelf Life Stability of Yoghurt. <i>Nobilis Botanica Horti Agrobotanica</i> . 2015. 43(1): 196-203. (*corresponding author)	0.547	7	1	0	13.13	29
DULF, F.V., VODNAR, D.C., DULF, E.H., TOSA, M. I. Total Phenolic Contents, Antioxidant Activities and Lipid Fractions from Berry Pomace Obtained by Solid-State Fermentation of two Sambucus Species with Aspergillus Niger. <i>Journal of Agricultural and Food Chemistry</i> . 2015. 63(13): 3489-500. (*corresponding author)	2.912	4	1	0	46.62	30

31	VODNAR, D.C. POP, O.L., DULF, F.V., SOCACIU, C. Antimicrobial Efficiency of Edible Films in Food Industry. <i>Nohulae Botanicae Horti Agrobotanici</i> . 2015. 43(2): 302-312.	0.547	4	1	0	22.97	
32	TONEA, A., OAHIA, L., BADEA, M., SAVA, S., VOINA, C., RANGA, F., VODNAR, D. HPLC analysis, antimicrobial and antifungal activity of an experimental plant based gel, for endodontic usage. <i>STUDIA UBB CHEMIA</i> . LXI. 4, 2016 (p. 53 - 69).	0.148	7	0	0	5.42	
33	BUNGHEZ, F., ROTAR, A., VODNAR, D.C., CATUNESCU, G.M., SOCACIU, C. Comparative evaluation of phenolics profile and recovery in spray dried powders obtained from rosemary and oregano extracts in relation to their antibacterial activity in vitro. <i>Romanian Biotechnological Letters</i> . 2016, 22 (6): 1192-1204.	0.391	5	0	0	8.52	
34	CALINOIU, L.F., VODNAR, D.C., PRECUP, G. The Probiotic Bacteria Viability under Different Conditions. <i>Bulletin UASVM Food Science and Technology</i> . 2016, 73(2): 55-59. (*corresponding author).	0.000	3	1	0	23.33	
35	POP, O.L.; VODNAR, D.C.; SUHAROSCHI, R.; SOCACIU, C. Stability Comparison of Free and Encapsulated Lactobacillus casei ATCC 393 in Yoghurt for Long Time Storage. <i>Bulletin UASVM Food Science and Technology</i> . 2016, 73(2) 99-104.	0.000	4	0	0	8.75	
36	STANA, A., ENACHE, A., VODNAR, D.C., NASTASA, C., BENEDEC, D., IONUT, I., LOGIN, C., MARC, G., ONIGA, O., TIPERCIUC, B. New Thiazolyl-imazole Schiff Bases: Synthesis and Evaluation of the Antibacterial Potential. <i>Molecules</i> 2016, 21(11), 1595.	2.465	10	0	0	8.43	
37	TOIU, A., VLASE, L., DRAGOI, C.M., VODNAR, D., ONIGA, O. Phytochemical analysis, antioxidant and antibacterial activities of <i>Hypericum humilissimum</i> L. (Hypericaceae). <i>Farmacia</i> , 2016, 65 (5): 663-667.	1.162	5	0	0	11.65	
38	POP, O.L., VODNAR, D.C., SUHAROSCHI, R., MUDURA, E., SOCACIU, C. L. plantarum ATCC 8014 Entrapment with Prebiotics and Lucerne Green Juice and Their Behavior in Simulated Gastrointestinal Conditions. <i>Journal of Food Process Engineering</i> . 2016, 39: 433-443.	0.745	5	1	0	19.98	
39	POPESCU, R. A., MAGYARI, K., VULPOI, A., TRANDAFIR, D. L., LICARETE, E., TODEA, M., ȘTEFAN, R., VOICA, C., VODNAR, D.C., SIMON, S., PAPUC, I., BAIA, L. Biocative and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials. <i>Biomaterials Science</i> . 2016, 4: 1252-1265.	3.614	12	0	0	8.94	
40	VEDEAN, N. S., COZAR, B. I., STANESCU, R., ȘTEFAN, R., VODNAR, D., COZAR, O. Structural investigation of V2O5-P2O5-K2O glass system with antibacterial potential. <i>Bulletin of Materials Science</i> . 2016, 29, 497-503.	0.895	6	0	0	8.82	
41	IONUT, I., VODNAR, D.C., ONIGA, O., TIPERCIUC, B., TAMAIAN, R. Biological evaluation and molecular docking of some chromenyl-derivatives as potential antimicrobial agents. <i>Pakistan Journal of Pharmaceutical Sciences</i> . 2016, 353: 261-272.	0.581	6	1	0	15.54	
42	STAN, M., POPA, A., TOLOMAN, D., SILPAS, T., VODNAR, D. C. Antibacterial and Antioxidant Activities of ZnO Nanoparticles Synthesized Using Extracts of <i>Allium sativum</i> , <i>Rosmarinus officinalis</i> and <i>Ocimum basilicum</i> . <i>Acta Metallurgica Sinica (English Letters)</i> . 2016, 29: 228-236.	1.188	5	0	0	11.75	
43	TOIU, A., VLASE, L., ARSENE, A.L., VODNAR, D.C., ONIGA, O., LUCUVINS profile of polyphenols, antioxidant and antimicrobial effects of <i>Ayuga Genevensis</i> L. Extracts. <i>Farmacia</i> . 2016, 64 (1): 53-57.	1.162	5	0	0	11.65	
44	ORODAN, M., VODNAR, D. C., TOIU, A., POP, C.E., VLASE, L., ISTUDOR, V., ARSENE, A.L. Phytochemical analysis, antimicrobial and antioxidant effect of some gemmotherapeutic remedies used in respiratory diseases. <i>Farmacia</i> . 2016, 64 (2): 224-230.	1.162	7	0	0	8.32	
45	DULF, F.V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (<i>Prunus domestica</i> L.) by-products. <i>Food Chemistry</i> . 2016, 209: 27-36.	4.052	3	0	0	38.68	
46	MOLICA, A., ZENGIN, G., SIMIRGIOTIS, M., SCHAFFBERG, M., VODNAR, D. C., CRISAN, G., ROHN, S. Functional constituents of wild and cultivated <i>Goji</i> (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and</i>	4.293	8	0	0	15.11	
47	VASILE, C., RAPA, M., ȘTEFAN, M., STAN, M., MACAVEI, S., DARIE-NITA, R. N., BARBU-TUDORAN, L., VODNAR, D. C., POPA, E. E., ȘTEFAN, R., BORODI, G., BREBU M. New PLAZnO CuAg nanocomposites for food packaging. <i>EXPRESS Polymer Letters</i> . 2017, 11(7): 531-544.	2.983	12	0	0	7.89	

PAUCEAN, A., VODNAR, D.C., MUREȘAN, V., FETE, F., RANGA, F., MAN, S.M., MUSTE, S., SOCACIU, C. Monitoring lactic acid concentrations by infrared spectroscopy: A new developed method for Lactobacillus fermenting media with potential food applications. <i>Acta Alimentaria</i> . 2017, 1-8.	0.357	8	0	0	0	5.27
STANIA, A., VODNAR, D.C., TĂMAIAI, R., PIRNĂU, A., VLASE, L., IONUȚ, I., ONIGA, O., TÎPERCIUC, B. Design, Synthesis and Antifungal Activity Evaluation of New Thiazolidine-4-ones as Potential Lanosterol 14,-Demethylase Inhibitors. <i>International Journal of Molecular Science</i> . 2017, 18(1), 177. (*corresponding author).	3.226	8	1	0	0	24.88
NGONO BIKOBA, D.S., VODNAR, D.C., STANĂ, A., TÎPERCIUC, B., NASTASA, C., DOUCHE, M., ONIGA, O. Synthesis of 2-phenylamino-thiazole derivatives as antimicrobial agents. <i>Journal of Saudi Chemical Society</i> . 2017	2.887	7	0	0	0	13.25
VODNAR, D.C., CALINOIU, L.F., DULF, F.V., ȘTEFĂNESCU, B.E., CRISAN, G., SOCACIU, C. Identification of the bioactive compounds and antioxidant, antimutagenic and antimicrobial activities of thermally processed agro-industrial waste. <i>Food Chemistry</i> . 2017, 231: 131-140.	4.529	6	1	0	0	41.88
MITREA, L., TRIF, M., CĂTOI, A.F., VODNAR, D.C. Utilization of biodiesel derived-glycerol for 1,3-PD and citric acid production. <i>Microbial Cell Factories</i> . 2017, 16, 190 (*corresponding author).	3.681	4	1	1	1	54.31
DULF, F.V., VODNAR, D.C., DULF, E.H., PÎNTEA, A. Phenolic compounds, flavonoids, lipids and antioxidant potential of apricot (<i>Prunus armeniaca</i> L.) pomace fermented by two filamentous fungal strains in solid state system. <i>Chemistry Central Journal</i> . 2017, 11, 92 (*corresponding author).	2.442	4	1	1	1	41.92
COLNĂȚĂ, A., DINĂ, N.E., LEOPOLD, N., VODNAR, D.C., BOGDAN, D., PORAV, S.A., DAVID, L. Characterization and discrimination of green-positive bacteria using Raman Spectroscopy with the aid of Principal Component Analysis. <i>Nanomaterials</i> . 2017, 7: 248.	3.553	7	0	0	1	15.15
MARC, G., IONUȚ, I., PIRNĂU, A., VLASE, L., VODNAR, D.C., DUMA, M., TÎPERCIUC, B., ONIGA, O. Microwave assisted synthesis of 3, 5-disubstituted thiazolidine-2, 4-diones with antifungal activity. Design, synthesis, virtual and in vitro antifungal screening. <i>Farmacia</i> . 2017, 65 (3), 414-422.	1.348	8	0	0	1	7.75
POP, O.L., DULF, F.V., CUBUS, L., CASTRO-GIRALDEZ, M., FIȚO, P.J., VODNAR, D.C., COMAN, C., SOCACIU, C., SUHAROSCHI, R. Characterization of a Sea Buckthorn Extract and Its Effect on Free and Encapsulated Lactobacillus casei. <i>International Journal of Molecular Science</i> . 2017, 18, 2513.	3.226	8	0	0	1	12.44
MITREA, L., CALINOIU, L.F., PRECUP, G., BINDEA, M., RUSU, B., TRIF, M., ȘTEFĂNESCU, B.E., POP, I.D., VODNAR, D.C. Isolated Microorganisms for Bioconversion of Biodiesel-Derived Glycerol Into 1,3-Propanediol. <i>Bulletin UASVM Food Science and Technology</i> . 2017, 74(2): 43-49 (*corresponding author).	0	9	1	1	1	7.78
PRECUP, G., CALINOIU, L.F., MITREA, L., BINDEA, M., RUSU, B., ȘTEFĂNESCU, B.E., VODNAR, D.C. The Molecular Restructuring of Classical Desserts by Using Food Industry By-Products. <i>Bulletin UASVM Food Science and Technology</i> . 2017, 74(2): 58-63. (*corresponding author).	0	7	1	1	1	10.00
CALINOIU, L.F., MITREA, L., PRECUP, G., BINDEA, M., RUSU, B., DULF, F.V., ȘTEFĂNESCU, B.E., VODNAR, D.C. Characterization of Grape and Apple Peel Wastes' Bioactive Compounds and Their Increased Bioavailability After Exposure to Thermal Process. <i>Bulletin UASVM Food Science and Technology</i> . 2017, 74(2): 80.	0	9	1	1	1	7.78
MITREA, L., CALINOIU, L.F., PRECUP, G., BINDEA, M., RUSU, B., TRIF, M., FERENCZI, L.J., ȘTEFĂNESCU, B.E., VODNAR, D.C. Inhibitory Potential of Lactobacillus Plantarum on Escherichia Coli. <i>Bulletin UASVM Food Science and Technology</i> . 2017, 74(20): 99-110 (*corresponding author).	1.348	8	0	0	1	7.75
POP, C.E., PĂRVU, M., ARSENE, A.L., PĂRVU, A.E., VODNAR, D.C., TARCEA, M., TOIU, A.M., VLASE, L. Investigation of antioxidant and antimicrobial potential of some extracts from HEDERA HELIX L. <i>FARMACIA</i> . 2017, 65(4) 624-629.	1.348	5	0	0	1	12.39
TOIU, A., VLASE, L., GHELDIU, A.M., VODNAR, D., ONIGA, I. Evaluation of the antioxidant and antibacterial potential of bioactive compounds from Ajuga reptans extracts. <i>FARMACIA</i> . 2017, 65(5): 351-356.	1.348	8	0	0	1	7.75
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64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
11. A. STAN, A. BENEDEC, D. C., TORUT, I., STANA, A., BENEDEC, D., TAMAIAN, R., ONIGA, O., TIPERCIUC, B. (Antibacterial Evaluation and Virtual Screening of New Thiazole-Triazole Schiff Bases as Potential DNA-Gyrase Inhibitors, International Journal of Molecular Sciences, 2018, 19(1), 222. (Corresponding author).	12. TOIU, A., MOCAN, A., VLASE, L., PARVU, A. E., VODNAR, D., CHELDIU, A. M., MOLDOVAN, C., ONIGA, I. Phytochemical composition, antioxidant, antimicrobial and in vivo anti-inflammatory activity of traditionally used Romanian <i>Apuga laurmarum</i> (Murray) Benth. ('noblean's beard'-barba implaturului). Frontiers in Pharmacology, 2018, 9, 7.	13. DULF, F.V., VODNAR, D.C., DULF, E.H., DIACONEAZA, Z., SOACIU, C. Liberation and recovery of phenolic antioxidants and lipids in chokeberry (<i>Aronia melanocarpa</i>) pomace by solid-state bioprocessing using <i>Aspergillus niger</i> and <i>Rhizopus oligosporus</i> strains. 14. DULF, F.V., VODNAR, D.C., ZENGIN, G., BENDER, O., LOCATELLI, M., SMIRGIOTIS, M., ATALAY, A., VODNAR, D.C., ROHN, S., CRISAN, G. UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (<i>Lycium barbarum</i> L.) berries cultivars and their antioxidant, enzyme inhibitory and real-time cytotoxicological evaluation. Food and Chemical Toxicology, 2018, 115: 414-424.	15. MARC, G., STANA, A., PIRNĂU, A., VLASEL, VODNAR, D.C., DUNA, M., TIPERCIUC, B., ONIGA, O. 3,5-Diubstituted Thiazolidine-2,4-Dione: Design, Microwave-Assisted Synthesis, Antifungal Activity, and ADMET Screening. SLAS DISCOVERY: Advancing Life Sciences	16. BABOTĂ, M., MOCAN, A., VLASE, L., CRISAN, O., IELCIU, I., GHELDUI, A. M., VODNAR, D.C., CRISAN, G., PĂLTINEAN, R. Phytochemical Analysis, Antioxidant and Antimicrobial Activities of <i>Helichrysum arenarium</i> (L.) Moench. and <i>Antennaria dioica</i> (L.) Gaertn. Flowers. Molecules, 2018, 23(2), 409.	17. VOINIA-TONEA, A., VALEANU, M., BACIU, S., LAZAR, M., VOINIA, C., MIRON, A., VODNAR, D. Antimutagenic and antimicrobial effect of an experimental plant based extract for endodontic usage. Farmacia, 2018, Vol. 66 (1): 107-114.	18. SOACIU, S. A., FĂRCAȘ, A. C., DIACONEASA, Z. M., VODNAR, D. C., RUSU, B., TOFANA, M. Influence of the extraction solvent on phenolic content, antimicrobial and antitumor activities of 'brewers' spent grain. Journal of Cereal Science, 2018, 80: 180-187.	19. BINDEA, M., RUSU, B., RUSU, A., TRIF, M., LEOPOLD, I. F., DULF, F. V., VODNAR, D. C. Valorization of crude glycerol for pure fractions of dicarboxylic acid and 8-carotene production by using <i>Schizochytrium limacinum</i> and <i>Blastodes infirma</i> Microbial Cell Factories 2018, 17:97 (Corresponding author).	20. TARANU, I., MARIN DE, BRANCU, C., PISTOL, G. C., SORESCU, I., PRUTEANU, L. L., BERINDEAN NEAGOE, I., VODNAR, D. C. In Vitro Transcriptional Response to a Mixture of Lactobacilli Strains in Intestinal Porcine Epithelial Cell Line. International Journal of Molecular Sciences 2018, 19(7), 1823.	21. POPA, A., STAN, M., TOLOMAN, D., PORAV, S., STEFAN, R., VODNAR, D., SILIPAS, T. The influence of Cu ²⁺ doping level on the properties of ZnO loaded with Ag nanoparticles. Romanian Journal of Physics, 2018, 63, 509.	22. SOACIU, M. I., SEMENIUC, C. A., VODNAR, D. C. Edible Films and Coatings for Fresh Food Packaging: Focus on Quality Changes and Shelf-life Extension. Coatings, 2018, 8, 368. (Corresponding author)	23. SZABO, K., CATOI, A. F., VODNAR, D. C. Bioactive Compounds Extracted from Tomato Processing by-Products as a Source of Valuable Nutrients. Plant Foods for Human Nutrition, 2018, 73(4): 268-277 (Corresponding author).	24. CHIS, L. M., VODNAR, D. C. * Methods of Detecting Meal Species in Food of Animal Origin. Bulletin UASVM Food Science and Technology, 2018, 75(2): 125-142 (Corresponding author)	25. TIPAN, L., SANCHEZ RODRIGUEZ, L., COLLADO GONZALEZ, J., SENDRA, E., BURLO F., HERNANDEZ, F., VODNAR, D. C., CARBONELL BARRACHINA, A. A. Sustainability of the Legal Endowments of Water in Almond Trees and a New Generation of High Quality Hydro-sustainable Almonds – a review. Bulletin UASVM Food Science and Technology, 2018, 75(2): 97-108.	

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25	CĂLINOIU, L. F., MITREA, L., PRECU, G., BINDEA, M., RUSU, B., SZABO, K., DULF, F. V., ȘTEFĂNESCU, B. E., VODNAR, D. C. Sustainable use of agro-industrial wastes for feeding 10 billion people by 2050. Book. Professionals in food chains. Wageningen Academic Publishers. 2018. 482-486. (*corresponding author).	9	1	3.33

2.3 Proprietate intelectuală, brevete de invenție, tehnologii și produse omologate (soiuri, hibrizi, rase etc.)	2.3.1 Internaționale	40nr. aut	Autorii, anul publicării, date de identificare, etc.	Nr. Autori	Prim autor? (1=DA, 0=)	Punctaj
2.4 Granturi/proiecte câștigate prin competiție inclusiv protecția de cercetare/consultanță (valoare de minim 10.000 Euro echivalent) (3)	2.3.2 Naționale	30nr. aut	Brevet RO12866, 2017 Boln cu actiune antimicrobiana, procedeu de obtinere si utilizari. Autor: Vodnar Dan Cristian, Carmen Socacu Brevet RO128492, 2017 Eubeta cu actiune antimicrobiana si procedeu de obtinere a acesteia. Autor: Vodnar Dan Cristian, Pop Oana Leha, Carmen Socacu	2 3	1 1	15 00 10 00
	2.4.1 Directori/responsabili proiect - Minimum 2 pentru Profesor CS I; Minimum 1 pentru Conferențiar CS II	20 * ani de desfășurare	Programul de finanțare, titlul, perioada, dezvoltare, etc.		Nr. ani de desfășurare	Punctaj
	2.4.1.1 Internaționale		Manunet III- Non-Acl. Novel Natural Antimicrobial Coa Tingi for food production chain. 2018-2021.		2	40
	2.4.1.2 Naționale		Manunet III- TOMATOCYCLE. 34/14 06 2017. Sustainable exploitation of tomato processing industry by-product. 2017-2020 Automatisiertes Aquaponic-System zur nachhaltigen Erzeugung frischer Lebensmittels, FKZ DBU: 3371601-35 (Acronym: PlantGeek). 2017-2019. Food Fermentations for Purpose: Health Promotion and Biopreservation- LONGLIFE. 2016-2019.		3 2 3	60 40 60
		10 * ani de desfășurare	Proiect PN-III-P1-1-2-PCCDI-2017-0056. Model de colaborare functional intre organizatiile publice de cercetare si mediu economic cu scopul acordarii de servicii stiintifice si tehnologice de inalt nivel in domeniul biotehnologiei. Finantator: UEFISCDI.		2	20
			Proiect PN-III-P1-1-2-PCCDI-2017-0473. De la nutritia clasica la nutritia de precizie in domeniul cresterei animalelor, baza stiintifica pentru asigurarea securitatii nutritionale a populatiei. Finantator: UEFISCDI.		2	20
			Proiect PN-III-P1-1-1-TE-2016-0661. Reducerea zaharului si cresterea biodisponibilitatii compusilor din subproduse alimentare in produsele de panificatie. Finantator: UEFISCDI.		2	20
			Proiect PN-III-P2-2-1-PED-2016-1237, 17 PED/2017. Utilizarea eficienta a glicerolului brut de biodiesel in productie de acid lactic. Finantator: UEFISCDI.		2	20
			Proiect POC, P-37_537/2016. Dezvoltarea si modelarea bioproceselor pentru obtinerea de 1,3-Propanodiol (PD) si acid cetic din glicerol brut, cu aplicatii in industria alimentara - ProGlyCom. Finantator: ANCSI.		4	40
			Proiect PN-III-P1-PCCA-2013-4-0743, 2014-2017. O noua generatie de bauturi probiotice functionale cu impact asupra sanatatii gastrointestinale. Finantator: UEFISCDI.		3	30
			Proiect PN-III-IN-CI-2012-1-0009, 15 CI/2012. Microencapsularea probioticilor in diferite matrici naturale si testarea viabilitatii in vitro. Finantator: UEFISCDI.		2	15
			Proiect PN-III-IN-CI-2012-1-0157, 107 CI/2012. Sistem de management al sigurantei si securitatii alimentelor alimentare, aplicat in tehnologia de obtinere a iaururilor cu probiotice microencapsulate. Finantator: UEFISCDI.		2	15
			Proiect PN-III-IN-CI-2012-1-0311, 163 CI/2012. Imbunatatirea sigurantei alimentare prin utilizarea de etichete inteligente cu rol antimicrobian aplicate pe suprafata fructelor. Finantator: UEFISCDI.		2	15
			Proiect PN-III-IN-CI-2012-1-0372, 175 CI/2012. Sistem de management al sigurantei si securitatii alimentare aplicat in dezvoltarea ambalajelor bioactive cu efect antimicrobian de tip bolnă. Finantator: UEFISCDI.		2	15
			CNFS-FDI-2018-0344/2018. "Susținerea cercetării de excelență în USAMV Cluj-Napoca" Finantator MCI-UEFISCDI, 2018.		1	6
			37 PFE-2018-2020. Creșterea performanței instituționale prin mecanisme de consolidare și dezvoltare a directorilor de cercetare din cadrul USAMVCluj. Finantator: MCI-UEFISCDI.		2	20
	2.4.2 Membri în echipă	4 * ani de desfășurare	54453-TEMPUS-1-2013-1-RS-TEMPUS-JPCR Denumire: Modernization and Harmonization of Tourism Study Programs in Serbia		2	8
	2.4.2.1 Internaționale		COST Action CM1406 Chemistry And Molecular Sciences And Technologies Epigenetic Chemical Biology (EPICHEM)		2	8
			bilateral- Dezvoltarea de noi bio-membrane alimentare cu proprietăți antioxidante și antimicrobiene prin incorporarea de compuși bioactivi extrași din plante". Contract nr 1108M/2017.		2	8
			bilateral- Titlul proiectului: Studiul diversității genetice a resurselor de păi (Pyus sp.) din China și România și utilizarea tehnicilor de micropropagare in vitro pentru conservarea fondului de germoplasma		2	8
			Preparatory action to Boost Global Crop Yield for Food & Nutrition Security and Fueling a Bioeconomy - CropBooster-P. H2020- SFS-2018-817690		2	8
			COST Action CA15125 Innovative approaches in pork production with entire males		2	8
	2.4.2.2 Naționale	2 * ani de desfășurare	ERANET-ABT-ProBoos. Titlu proiect: NOI INSTRUMENTE PENTRU PROSPECȚAREA DE NOI ENZIME		2	8
			Proiect PN-III-P2-2-1-PED-2016-1237, 17 PED/2017. Utilizarea eficienta a glicerolului brut de biodiesel in productie de acid lactic. Finantator: UEFISCDI.		2	4

PN-II-RU-TE-2014-4-1255/2015. Bioconversia reziduurilor agroalimentare în metabolisme funcționale cu valoare adăugată. Finanțator UEFISCDI.	2	4
PNII-RU-TE-2014-4-0842/2015. Extracție naturală de compuși biologici activi din reziduu de borhot de malț cu aplicații în dezvoltarea de noi produse alimentare funcționale. Finanțator UEFISCDI.	2	4
PN-III-P2-2.1-BG-2015- 0122/2016. Dezvoltare, optimizare și inovare tehnologică la SC Dragon RC SRL în vederea obținerii unor produse de panificație-păisente superioare și optimizate nutrițional. Finanțator UEFISCDI.	2	4
PN II-RU-TE-2009-1 Nr. 258/2010: Conservarea biodiversității biodiversității românești în complexitatea ecosistemului din transilvania prin diferite tehnici moderne în vederea îmbunătățirii calității lapteului și a produselor lactate. Finanțator MECS	3	6
Proiect PN II, Nr 521402/2008 Trasabilitatea alimentelor utilizând metode izotopice. Studiul de caz miera și vinul. (IZOTRAS). Finanțator MECS	3	6
Proiect PN II Nr. 71098/2007. Senzori și aparatură pentru controlul calității unor produse alimentare (SENSALIM). Finanțator MECS	3	6
Proiect PN II, Nr. 61008/2007. Tehnologii inovative de producere a unor alimente funcționale de origine vegetală cu impact asupra sănătății umane (PHYTOMED). Finanțator MECS	3	6
Proiect PN II, Nr. 221383 /24.09.2007 Cercetări privind producerea de substanțe nemetalice micronizate competitive, solicitate de industria cosmeticilor și industria alimentară, prin elaborarea și implementarea unor sisteme performante de procesare (MICROMIN). Finanțator MECS	3	6
Proiect PN II, Nr. 1375 /24.09.2007. Obținerea de bomboane cu ingrediente naturale funcționale utilizând tehnologii alternative și inovative (DROPSAN). Finanțator MECS	3	6
POSDRU/89/1.5/5/52432 "Biotehnologii Aplicate" cu Impact în Bioeconomia Românească (Spd-Biotech) Finanțator Fonduri Structurale	2	4
PN-III-P3.3.1-PA-RO-CN-2018-0089, 4 BM/2018. Studiul diversității genetice a resurselor de pădure (Pyrus sp.) din China și România și utilizarea tehnologiei de micropropagare in vitro pentru conservarea fondului de germoplasma. 2018-2019.	2	4
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		0
Total criteriul A2	###	###

Note:

(1) Factorul de impact al revistei menționat pe site-ul WOS (Web of Science) în anul în care a fost publicat articolul; pentru articolele în Proceedings WOS (Web of Science - THOMSON REUTERS) și pentru brevetele indexate WOS-Derwent factorul de impact considerat va fi egal cu 0.

(2) La articolele ISI și BDI în *ex-ante* pentru autor principal/prim autor/coordonator (ultim autor), punctajul rezultat din calcul se multiplică cu coeficientul 2. Se admit maxim 2 articole în același volum/ediție. Calitatea de coordonator (ultim autor) se referă doar la coordonatorul de doctorat. Pentru Profesor/CSI I lucrări ISI pot fi echivalente cu 2 brevete indexate WOS-Derwent (soți), iar pentru cunferențiar/CS II, o lucrare ISI poate fi echivalentă cu un brevet indexat WOS-Derwent (soi), doar pentru dacă cel care candidază este prim autor.

(3) pentru contractele de consultanță tehnice să existe dovada încasării sumei menționate în contabilitatea instituției beneficiare.

(4) bazele de date internaționale (BDI) luate în considerare pentru articolele publicate în reviste și în volumele unor manifestări științifice, cu excepția articolelor publicate în reviste / proceedings volate ISI, sunt cele recunoscute pe plan științific internațional, precum (nelimitativ): Scopus, IEEE Xplore, Science Direct, Elsevier, Wiley, ACM, DBLP,

Springerlink, Engineering Village, Cabi, Emerald, CSA, Compendex, INSPEC, Thomson Reuters Master Journal List, DOAJ, AGRICOLA.

^(*) Autocitările sunt excluse.

Numele	Vodnar
Prenumele	Dan Cristian
Funcția didactică actuală	PRFESOR
Institucia	USAMV Cluj-Napoca
Facultatea	STA
Departamentul	Știința Alimentelor
Data ultimei promovări	FEBRUARIE 2019
Postul didactic vizat	

PUNCTAJ MINIM NECESAR ABILITARE

100
260
60
420

PUNCTAJUL REALIZAT	
Total criteriu A1	238.26
Total criteriu A2	3834.79
Total criteriu A3	3440.12
Total	7513.17
% REALIZAT	1783.41

DOCUMENTE DE REFERINȚĂ:

Ordinul ministrului Educației Naționale și Cercetării Științifice nr. 6.129/2016 privind aprobarea standardelor minime
 Anexa Ordin 6.129/2016 - standarde minime
 Regulament privind ocuparea posturilor didactice (RU 37)

DATE CARE SE COMPLETEAZĂ DE CĂTRE CANDIDAT											
Domeniul activităților	Tipul activității(ilor)	Categoriile și restricții	Subcategoriile	Indicatori (Kpi)	Titlu, an, editura, ISBN	Autori	Nr. autori	Pagini	Prim autor? (1=DA, 0= NU)	Publicată după ultima promovare, sau în ultimii 5 ani? (1=DA, 0= NU)	Punctaj
Activitatea didactică / profesională (A1)	1.1 Cărți și capitole în cărți de specialitate	3 1.1.1 Cărți cu ISBN/capitole ca autor; pentru Profesor minim 2 în calitate de prim autor; cel puțin o lucrare publicată după ultima promovare sau în ultimii 5 ani; pentru Conferențiar: minim 1 carte/capitol în calitate de prim autor; CS I și CS II - fără restricții; Pentru abilitare - aceleași condiții ca la profesor	4 1.1.1.1 Internaționale	5 nr. pagini/ (2*nr. autori)	Procyanidins and their effectiveness after incorporation into food systems. Nova Publishers, New York, USA, 129-149, 2016 ISBN: 978-1-53610-299-4	Pop Oana Ielia, Vodnar Dan Cristian	2	18	0	1	4.50
					Food Wastes as Valuable Sources of Bioactive Molecules in Superfood and Functional Food - The Development of Superfoods and Their Roles as Medicine. 2017, InTech, p.75-93.	SOCACI, S., FĂRCAȘ, A., VODNAR, D.C., TOFANĂ, M.	4	18	0	1	2.25
					Exploitation of Brewing Industry Wastes to Produce Functional Ingredients. Brewing Technology. InTech. Chapter 7. 2017 137-156.	FARCAȘ, A.C., SOCACI, S.A., MUDURA, E., DULF, F., V., VODNAR, D.C., TOFANĂ, M., SALANȚĂ, L.C.	7	19	0	1	1.36
					Innovative Sources. In Nutraceuticals and Natural Product Pharmaceuticals. Elsevier. 2019, 235-265. Academic Press (*corresponding author)	CĂLINOIU, L.F., FĂRCAȘ A., SOCACI S., VODNAR D.C.	4	30	1	1	3.75
					A New Generation of Probiotic Functional Beverages Using Bioactive Compounds From Agro-Industrial Waste 2019 Elsevier, 978-0-12-816397-9	Dan Cristian Vodnar, Lavinia Florina Călinoiu, Laura Mîltea, Gabriela Precup, Maria Bindea, Andreea Mariana Păcurar, Katalin Szabo, Bianca Eugenia Ștefănescu,	8	48	1	1	3.00
					Nutraceuticals and Natural Product Pharmaceuticals Edited by Charis M. Galanakis, Innovative Sources.2019 Elsevier	Lavinia Florina Călinoiu, Anca Fațcas, Sonia Socaci and Dan Cristian Vodnar,	4	20	1	1	2.50

Dietary Fiber: Properties, recovery and applications, Prebiotic and Dairy Applications, Ed. Elsevier, . ISBN 978-0-12-81649522, 2019	Pop Oana Lelia, Salanta Liana, Pop Carmen Rodica, Coidea Teodora, Socaci Sonia Ancuta, Suharoschi Ramona, Vodnar Dan Cristian,	7	32	0	1	2.29
The role of alternative and innovative food ingredients and products in consumer wellness, Pro and prebiotic foods that modulate human healthEd. Elsevier, . ISBN 978-0-12-816453-2, 2019	Pop Oana Lelia, Socaci Sonia Ancuta, Suharoschi Ramona, Vodnar Dan Cristian	4	26	1	1	3.25
Bioactive potential of fruit and vegetable wastes, Advances in Food and Nutrition Research Volume 91, 2020, Pages 157-225	Vasile Comana, Bernadette-Emöke Telekya, Laura Mitreaa,b, Gheorghe Adrian Martău,a,b, Katalin Szaboa, Lavinia-Florina Călinotua,b, Dan Cristian Vodnar	8	78	1	1	4.88
Removal of bacteria, viruses, and other microbial entities by means of nanoparticles, Advanced Nanostructures for Environmental Health. https://doi.org/10.1016/B978-0-12-815882-1.00011-2 Elsevier 2020	Dan Cristian Vodnara,b, Laura Mitreaa,b, Lavinia Florina Ca" Florina Călinotua,b, Katalin Szabob, Bianca Eugenia S.tefa" nescub,c	5	26	1	1	2.60
Food processing by-products and molecular gastronomy, Gastronomy and Food Science. DOI: https://doi.org/10.1016/B978-0-12-820057-5.00008-X , Academic Press 2020	Gabriela Precup1,2, Laura Mitrea1,2, Lavinia Florina Călinotiu1,2, Adrian Gheorghe Martău1,2, Amalia Nemeș1,2, Bernadette Emöke Teleky2, Vasile Coman2 and Dan Cristian Vodnar1,2	8	26	1	1	1.63

		1.1.1.2 Naționale	nr. pagini/ (5*nr. autori)	Metformin Modulates the Mechanisms of Ageing, ntech Open, Metformin, 2020	Adriana Florinela Cătoi, Andra Diana Andreicuț, Dan Cristian Vodnar, Katalin Szabo, Andreea Corina, Andreea Arsene, Simona Diana Stefan, Roxana Adriana Stoica and Manfredi Rizzo	9	19	0	1	1.06
				Bivolut românesc :profilul metabolic șiindicatori de calitate a laptelui - AcademicPres, 2011. Cluj-Napoca: 122 p ISBN 978-973-744-252-9	CORCIAN AURELIA, CORCIAN CRISTIAN OVIDIU, VODNAR DAN CRISTIAN, MATEA CRISTIAN TUDOR	4	122	0	0	6.10
		1.1.2.1 Internaționale	nr. pagini/ (3*nr. autori)	VODNAR DAN CRISTIAN. In vitro survivability of probiotic bacteria during exposure to gastrointestinal tract conditions. Ed. AcademicPres, ClujNapoca, 155 p.2014	VODNAR DAN CRISTIAN.	1	155	1	0	31.00
				Aplicații biotehnologice în industria alimentarăAcademicPres, 2018 ISBN 978-973-744-699-2	VODNAR DAN CRISTIAN.	1	139	1	1	27.80
		1.1.2.2 Naționale	nr. pagini/ (7*nr. autori)							0.00
										0.00
		1.2 Suport didactic	1.2.1 Manuale, suport de curs inclusiv electronic - fără restricții *	1.1.2.1						0.00
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Punctaj minim - Conferențiar	50
Punctaj minim - Profesor	100
Punctaj minim - CS I, CS II	Fără restricții

* Conform RU 37, pentru funcția de profesor: calitatea de un mic autor la cel puțin două manuale, inclusiv un manual electronic, în conformitate cu disciplinele din structura postului scos la concurs, aprobate de Consiliul Didactic al USAMVCN. Această condiție minimă se aplică posturilor aferente domeniilor care nu au prevăzută în standardele minimale această cerință. Conform RU 37, pentru funcția de conferențiar, calitatea de unic mic autor la cel puțin un manual, inclusiv format electronic, în conformitate cu disciplinele din structura postului scos la concurs, aprobat de Consiliul Didactic al USAMVCN. Această condiție minimă se aplică posturilor aferente domeniilor care nu au prevăzută în standardele minimale această cerință.

DATE CARE SE COMPLETEAZĂ DE CĂTRE CANDIDAT						
Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategoriile	Indicatori (KPI)	Articol citat	Articol în care s-a request citarea
1	2	3	4	5	Articol citat	Articol în care s-a request citarea
3.1 Citări în reviste ISI și volumele conferințelor indexate WOS (4)				10nr. autori al articolului citat x nr. citări	MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> 2014, 19(7): 10056-10073.	Record 1 of 50 Title: Inhibitory effect of Lycium europaeum extracts on phytopathogenic soil-borne fungi and the reduction of late wilt in maize Author(s): Tej, R (Tej, R.); Rodriguez-Arco, R (Rodriguez-Arco, R.); Karray-Bourau, N (Karray-Bourau, N.); Molero-Ruiz, L (Molero-Ruiz, L.) Source: EUROPEAN JOURNAL OF PLANT Record 2 of 50 Title: Quality evaluation of six bioactive constituents in goji berry based on capillary electrophoresis field amplified sample stacking Author(s): Wang, WF (Wang, Wei-Feng), Yang, JL (Yang, Jun-Li), Shi, YP (Shi, Yan-Ping) Source: ELECTROPHORESIS Volume: 39 Issue: 16 Pages: 2117-2124. DOI: 10.1002/elps.201800102 Published: AUG 2018 Accession Number: WOS 000442210200008
Recunoașterea și impactul activității (A3)					MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> 2014, 19(7): 10056-10073.	Record 3 of 50 Title: Antioxidant Properties and Phenolic Compounds of Vitamin C-Rich Juices Author(s): Nowak, D (Nowak, Dariusz), Gosinski, M (Gosinski, Michal), Wojtowicz, E (Wojtowicz, E), Przygonski, K (Przygonski, Krzysztof) Source: JOURNAL OF FOOD SCIENCE Volume: 83 Issue: 8. Pages: 2237-2246. DOI: 10.1111/1750-3841.14284. Published: AUG 2018
					MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> 2014, 19(7): 10056-10073.	Record 4 of 50 Title: Optimization of pressurized liquid extraction by response surface methodology of Goji berry (Lycium barbarum L.) phenolic bioactive compounds Author(s): Tripodo, G (Tripodo, Giusy), Ibanez, E (Ibanez, Elena), Cifuentes, A (Cifuentes, Alejandro), Gilbert-Lopez, B (Gilbert-Lopez, Bienvenida), Fanali, C (Fanali, Chiara) Source: ELECTROPHORESIS Volume: 39 Issue: 13 Special Issue: SI Pages: 1673-1682. DOI: 10.1002/elps.201700448. Published: JUL 2018 Accession Number: WOS 000436936000016
						MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> 2014, 19(7): 10056-10073.

MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7):10056-10073	Record 12 of 50 Title: Effects of Lycium barbarum (goji berry) on dry eye disease in rats Author(s): Chen, KJ (Chien, Kaung-Jen); Horng, CT (Horng, Chi-Ting); Huang, YS (Huang, Yu-Syuan); Hsieh, YH (Hsieh, Yi-Hsien); Wang, CJ (Wang, Chai-Jong); Yang, JS (Yang, Jai-Sing); Lu, CC (Lu, Chi-Cheng); Chen, FA (Chen, Fu-An) Source: MOLECULAR MEDICINE REPORTS. Volume: 17. Issue: 1. Pages: 809-818. DOI: 10.3892/mmr.2017.7947. Published: JAN 2018. Accession Number: WOS:000423433300104	9	1 11
MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7):10056-10073.	Record 13 of 50 Title: Lycium Barbarum: A Traditional Chinese Herb and A Promising Anti-Aging Agent Author(s): Gao, YJ (Gao, Yanjie); Wei, YF (Wei, Yifan); Wang, YQ (Wang, Yuting); Gao, F (Gao, Fang); Chen, ZG (Chen, Zhigang) Source: AGING AND DISEASE. Volume: 8. Issue: 6. Pages: 778-791. DOI: 10.14336/AD.2017.0725. Published: DEC 2017. Accession Number: WOS:000417851300007	9	1 11
MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7):10056-10073.	Record 14 of 50 Title: A comprehensive review on the application of active packaging technologies to muscle foods Author(s): Ahmed, I (Ahmed, Ishraq); Lin, H (Lin, Hong); Zou, L (Zou, Long); Brody, AL (Brody, Aaron L.); Li, ZX (Li, Zhenxing); Qazi, IM (Qazi, Ihsan M.); Pawase, TR (Pawase, Tushar R.); Lv, LT (Lv, Liangtao) Source: FOOD CONTROL. Volume: 82. Pages: 163-178. DOI: 10.1016/j.foodcont.2017.06.009. Published: DEC 2017. Accession Number: WOS:000410899300020	9	1 11
MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7):10056-10073.	Record 15 of 50 Title: Phytochemical characterization and bioactivity of Lycium europaeum: A focus on antioxidant, antinociceptive, hepatoprotective and nephroprotective effects Author(s): Rjeibi, I (Rjeibi, Ithem); Feriani, A (Feriani, Anouar); Ben Saad, A (Ben Saad, Anouar); Ncb, S (Ncb, Sana); Sdaïria, J (Sdaïria, Jazza); Saidi, I (Saidi, Issam); Soud, S (Soud, Sami); Hlaedhi, N (Hlaedhi, Nejla); Allagui, MS (Allagui, Mohamed Salah) Source: BIOMEDICINE & PHARMACOTHERAPY. Volume: 95. Pages: 1441-1450. DOI: 10.1016/j.biopha.2017.09.035. Published: NOV 2017. Accession Number: WOS:000417744400164	9	1 11
MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7):10056-10073.	Record 16 of 50 Title: Suppressing Fusarium Crown and Root Rot infections and enhancing the growth of tomato plants by Lycium arabicum Schweinf. Ex Boss. extracts Author(s): Netzi, A (Netzi, A); Jabnoun-Khiaredine, H (Ben Jabnoun-Khiaredine, H); Ben Abdallah, RA (Ben Abdallah, R. Aydi); Ammar, N (Ammar, N); Medinagh-Saidana, S (Medinagh-Saidana, S); Haouala, R (Haouala, R.); Daami-Remadi, M (Daami-Remadi, M) Source: SOUTH AFRICAN JOURNAL OF BOTANY. Volume: 113. Pages: 288-299. DOI: 10.1016/j.sajb.2017.09.002. Published: NOV 2017. Accession Number: WOS:000416988100037	9	1 11

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MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRIȘAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7): 10056-10073.	Record 35 of 50 Title: Anti-oxidative, anti-secretory and anti-inflammatory activities of the extract from the root bark of Lycium chinense (Cortex Lycii) against gastric ulcer in mice Author(s): Chen, HX (Chen, Hongxia), Olatunji, OJ (Olatunji, Opeyemi J), Zhou, YF (Zhou, Yifeng) Source: JOURNAL OF NATURAL MEDICINES Volume 70 Issue: 3 Pages: 610-619 DOI: 10.1007/s11418-016-0984-2 Published: JUL 2016 Accession Number: WOS:000378490700030	9	1 11
MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRIȘAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7): 10056-10073	Record 36 of 50 Title: Comparison and Characterization of Compounds with Antioxidant Activity in Lycium barbarum Using High-Performance Thin Layer Chromatography Coupled with DPPH Bioautography and Tandem Mass Spectrometry Author(s): Lam, SC (Lam, Sheng-Chung), Luo, Z (Luo, Zhen), Wu, DT (Wu, Ding-Tao), Cheong, KI (Cheong, Ki Leong), Hu, DJ (Hu, De-Jun), Xia, ZM (Xia, Zu-Meng), Zhao, J (Zhao, Jing), Li, SP (Li, Shao-Ping) Source: JOURNAL OF FOOD SCIENCE Volume: 81 Issue: 6 Pages: C1378-C1384 DOI: 10.1111/1750-3841.13327 Published: JUN 2016 Accession Number: WOS:000380153700006	9	1 11
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MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7): 10056-10073.	Record 45 of 50 Title: Efficient quantification of the phenolic profiles of Zanthoxylum bungeanum leaves and correlation between chromatographic fingerprint and antioxidant activity Author(s): Zhang, YJ (Zhang, Yujun); Luo, ZW (Luo, Zhen); Wang, DM (Wang, Dongmei) Source: <i>NATURAL PRODUCT RESEARCH</i> Volume: 29 Issue: 21 Pages: 2024-2029 DOI: 10.1080/14788419.2015.1015018 Published: NOV 2 2015 Accession Number: WOS:000360473900010	9	1.11
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MOCAN, A., VLASE, L., VODNAR, D.C., BISCHIN, C., HANGANU, D., GHELDIU, A.-M., OPREAN, R., SILAGHI-DUMITRESCU, R., CRISAN, G. Polyphenolic content, antioxidant and antimicrobial activities of Lycium barbarum L. and Lycium chinense Mill. Leaves. <i>Molecules</i> . 2014. 19(7): 10056-10073.	Record 49 of 50 Title: The ability of Schisandra chinensis fruit to inhibit the growth of foodborne pathogenic bacteria and the viability and heat resistance of <i>Bacillus cereus</i> spores Author(s): Bai, X (Bai, Xuezhai); Park, IB (Park, Il Beom); Hwang, HJ (Hwang, Han-Joon); Mah, JH (Mah, Jae-Hyung) Source: <i>INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY</i> Volume: 50 Issue: 10 Pages: 2193-2200 DOI: 10.1111/ijfs.12865 Published: OCT 2015 Accession Number: WOS:000362954100007	9	1.11

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MOCAN, A., CRIȘAN, G., VLASE, L., CRIȘAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TÎLEA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of <i>Schisandra chinensis</i> leaves and fruits. <i>Molecules</i> . 2014. 19(9):15162-15179.	Record 18 of 44 Title: Quality Evaluation of <i>Juniperus rigida</i> Sieb. et Zucc. Based on Phenolic Profiles, Bioactivity, and HPLC Fingerprint Combined with Chemometrics Author(s): Liu, ZH (Liu, Zehua); Wang, DM (Wang, Dongmei); Li, DW (Li, Dengwei); Zhang, S (Zhang, Shuai) Source: FRONTIERS IN PHARMACOLOGY Volume: 8 Article Number: 198 DOI: 10.3389/fphar.2017.00198 Published: APR 19 2017 Accession Number: WOS 000400270500001	10	1.00
MOCAN, A., CRIȘAN, G., VLASE, L., CRIȘAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TÎLEA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of <i>Schisandra chinensis</i> leaves and fruits. <i>Molecules</i> . 2014. 19(9):15162-15179.	Record 19 of 44 Title: Current knowledge of <i>Schisandra chinensis</i> (Turcz.) Baill. (Chinese magnolia vine) as a medicinal plant species: a review on the bioactive components, pharmacological properties, analytical and biotechnological studies Author(s): Szopa, A (Szopa, Agnieszka); Ekiert, R (Ekiert, Radosław); Ekiert, H (Ekiert, Halina) Source: PHYTOCHEMISTRY REVIEWS Volume: 16 Issue: 2 Pages: 195-218 DOI: 10.1007/s11011-016-9470-4 Published: APR 2017 Accession Number: WOS 000399019300001	10	1.00

MOCAN, A., CRISAN, G., VLASE, L., CRISAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TILCA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of Schisandra chinensis leaves and fruits. <i>Molecules</i> . 2014. 19(9): 15162-15179.	Record 26 of 44 Title: Chemical Composition and Antioxidant Activity of Essential Oils and Methanol Extracts of Different Parts from <i>Juniperus rigida</i> SIEBOLD & ZUCC Author(s): LI, QX (Liu, Qiaoxiao); LI, DW (Li, Dengwu); Wang, W (Wang, Wen); Wang, DM (Wang, Dongmei); Meng, XX (Meng, Xiaoxia); Wang, YT (Wang, Yongtao) Source: CHEMISTRY & BIODIVERSITY Volume: 13 Issue: 9 Pages: 1240-1250 DOI: 10.1002/cbdv.201600048 Published: SEP 2016 Accession Number: WOS:000385982200014	10	1.00
MOCAN, A., CRISAN, G., VLASE, L., CRISAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TILCA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of Schisandra chinensis leaves and fruits. <i>Molecules</i> . 2014. 19(9): 15162-15179.	Record 27 of 44 Title: Determination of lignans and phenolic components of Schisandra chinensis (Turcz.) Baill. using HPLC-ESI-ToF-MS and HPLC-online TEAC: Contribution of individual components to overall antioxidant activity and comparison with traditional antioxidant assays Author(s): Mocan, A (Mocan, Andrei); Schaberg, M (Schaberg, Michaela); Crisan, G (Crisan, Gleana); Rohm, S (Rohm, Sascha) Source: JOURNAL OF FUNCTIONAL FOODS Volume: 24 Pages: 579-594 DOI: 10.1016/j.jff.2016.05.007 Published: JUN 2016 Accession Number: WOS:000378393700056	10	1.00
MOCAN, A., CRISAN, G., VLASE, L., CRISAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TILCA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of Schisandra chinensis leaves and fruits. <i>Molecules</i> . 2014. 19(9): 15162-15179.	Record 28 of 44 Title: Synergistic Effects of Potentilla fruticosa L. Leaves Combined with Green Tea Polyphenols in a Variety of Oxidation Systems Author(s): Liu, ZH (Liu, Zehua); Luo, ZW (Luo, Zwen); Jia, CX (Jia, Caxia); Wang, DM (Wang, Dongmei); Li, DW (Li, Dengwu) Source: JOURNAL OF FOOD SCIENCE Volume: 81 Issue: 5 Pages: C1091-C1101 DOI: 10.1111/1750-3841.13292 Published: MAY 2016 Accession Number: WOS:000378917300006	10	1.00
MOCAN, A., CRISAN, G., VLASE, L., CRISAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TILCA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of Schisandra chinensis leaves and fruits. <i>Molecules</i> . 2014. 19(9): 15162-15179.	Record 29 of 44 Title: Review of anticancer mechanisms of isoquercetin Author(s): Orfali, GD (Orfali, Guilherme di Camillo); Duarte, AC (Duarte, Ana Carolina); Bonadio, V (Bonadio, Vivien); Martinez, NP (Martinez, Natalia Peres); de Araujo, MEMB (Melo Branco de Araujo, Maria Elisa); Priviero, FBM (Maninho Priviero, Fernanda Bruschi); Carvalho, PQ (Carvalho, Patricia Oliveira); Protti, DG (Protti, Denise Gonçalves) Source: WORLD JOURNAL OF CLINICAL ONCOLOGY Volume: 7 Issue: 2 Pages: 189-199 DOI: 10.5306/wjco.v7.i2.189 Published: APR 10 2016 Accession Number: WOS:000439083500007	10	1.00
MOCAN, A., CRISAN, G., VLASE, L., CRISAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TILCA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of Schisandra chinensis leaves and fruits. <i>Molecules</i> . 2014. 19(9): 15162-15179.	Record 30 of 44 Title: Comparative Polyphenolic Content and Antioxidant Activities of Two Romanian Lysimachia Species Author(s): Hanganu, D (Hanganu, Daniela); Olari, NK (Olari, Neil Kogal); Mocan, A (Mocan, Andrei); Vlase, L (Vlase, Laurian); Benedec, D (Benedec, Daniela); Raita, O (Raita, Oana); Toma, CC (Toma, Claudia Crina) Source: REVISTA DE CHIMIE Volume: 67 Issue: 2 Pages: 227-231 Published: FEB 2016 Accession Number: WOS:000372170700005	10	1.00

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MOCAN, A., CRIȘAN, G., VLASE, L., CRIȘAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TÎLEA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of <i>Schisandra chinensis</i> leaves and fruits. <i>Molecules</i> . 2014. 19(9): 15162-15179.	Record 41 of 44 Title: Comparative Studies on Polyphenolic Composition, Antioxidant and Diuretic Effects of <i>Nigella arvensis</i> L. (Black Cumin) and <i>Nigella damascena</i> L. (Lady-in-a-Mist) Seeds Author(s): Toma, CC (Toma, Claudia-Crina); Olah, NK (Olah, Neli-Kinga); Vlase, L (Vlase, Laurent); Mogosan, C (Mogosan, Cristina); Mocan, A (Mocan, Andrei) Source: MOLECULES Volume: 20 Issue: 6 Pages: 9560-9574 DOI: 10.3390/molecules20069560 Published: JUN 2015 Accession Number: WOS:0003573692700037	10	1.00	
MOCAN, A., CRIȘAN, G., VLASE, L., CRIȘAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TÎLEA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of <i>Schisandra chinensis</i> leaves and fruits. <i>Molecules</i> . 2014. 19(9): 15162-15179.	Record 42 of 44 Title: New Polyphenols Identified in <i>Artemisia abrotani</i> herba Extract Author(s): Baiceanu, E (Baiceanu, Elisabela); Vlase, L (Vlase, Laurent); Baiceanu, A (Baiceanu, Andrei); Nănes, M (Nănes, Madalina); Rusu, D (Rusu, Dan); Crisan, G (Crisan, Gleana) Source: MOLECULES Volume: 20 Issue: 6 Pages: 11063-11075 DOI: 10.3390/molecules200611063 Published: JUN 2015 Accession Number: WOS:000357992700096	10	1.00	
MOCAN, A., CRIȘAN, G., VLASE, L., CRIȘAN, Ovidiu, VODNAR, D.C., RAITA, O., GHELDIU, A.-M., TOIU, A., OPREAN, R., TÎLEA, I. Comparative studies on polyphenolic composition, antioxidant and antimicrobial activities of <i>Schisandra chinensis</i> leaves and fruits. <i>Molecules</i> . 2014. 19(9): 15162-15179.	Record 43 of 44 Title: Antimicrobial and antioxidant flavonoids from the leaves of <i>Onoclea spinosa</i> Forssk. (Salicaceae) Author(s): Djauossi, MG (Djauossi, Marie Genevieve); Tamokou, JD (Tamokou, Jean-de-Dieu); Ngokam, D (Ngokam, David); Kuate, JR (Kuate, Jules-Roger); Tapondjou, LA (Tapondjou, Leon Azelack); Harakal, D (Harakal, Dominique); Voudienne-Nazabadioko, L (Voudienne-Nazabadioko, Laurence) Source: BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE Volume: 15 Article Number: 134 DOI: 10.1186/s12906-015-0660-1 Published: APR 28 2015 Accession Number: WOS:000354168500002	10	1.00	
MOCAN, A., ZENGİN, G., SİMRİGİOTİS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRIȘAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> 2017. 32(1), 153–168.	Record 1 of 42 Title: Comparison of blood carbonic anhydrase activity of athletes performing interval and continuous running exercise at high altitude Author(s): Tas, M (Tas, Murat); Senturk, E (Senturk, Esra); Ekin, D (Ekin, Deniz); Demirdag, R (Demirdag, Ramazan); Comaklı, V (Comaklı, Vaysal); Bayram, M (Bayram, Meun); Akyüz, M (Akyüz, Murat); Senturk, M (Senturk, Murat); Supuran, CT (Supuran, Claudiu T.) Source: JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY Volume: 34 Issue: 1 Pages: 219-224 DOI: 10.1080/14756566.2018.1545768 Published: JAN 1 2019 Accession Number: WOS:000452987400001	8	1.25	

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MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFFBERG, M., MOLLICA, A., VODNAR, D.C., CRIȘAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> 2017. 32(1), 153–168.	Record 8 of 42 Title: Phytochemical analysis and biological evaluation of three selected Cordia species from Panama Author(s): Mairini, G (Mairini, Georgia); Graikou, K (Graikou, Konstantia); Zengin, G (Zengin, Gokhan); Kankas, GA (Kankas, George A.); Gupta, MP (Gupta, Mahabir P.); Chirou, I (Chirou, Ioanna) Source: INDUSTRIAL CROPS AND PRODUCTS Volume: 120 Pages: 84-89 DOI: 10.1016/j.indcrop.2018.04.037 Published: SEP 15 2018 Accession Number: WOS 000434745000010	8	1.25
MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFFBERG, M., MOLLICA, A., VODNAR, D.C., CRIȘAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> 2017. 32(1), 153–168.	Record 9 of 42 Title: Development of novel techniques to extract phenolic compounds from Romanian cultivars of <i>Prunus domestica</i> L. and their biological properties Author(s): Mocan, A (Mocan, Andrei); Duzheva, M (Duzheva, Mina); Carradori, S (Carradori, Simone); Andrich, V (Andrich, Vasil); Massafra, C (Massafra, Chiara); Moldovan, C (Moldovan, Cădmiel); Sîsea, C (Sîsea, Cristian); Petzer, JP (Petzer, Jacobus P.); Petzer, A (Petzer, Anet); Zera, S (Zera, Susi); Marconi, GD (Marconi, Guya Diletta); Zengin, G (Zengin, Gokhan); Crisan, G (Crisan, Gianina); Locatelli, M (Locatelli, Marcello) Source: FOOD AND CHEMICAL TOXICOLOGY Volume: 119 Pages: 189-198 DOI: 10.1016/j.fct.2018.04.045 Published: SEP 2018 Accession Number: WOS 000443664200023	8	1.25
MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFFBERG, M., MOLLICA, A., VODNAR, D.C., CRIȘAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> 2017. 32(1), 153–168.	Record 10 of 42 Title: Effect of natural polyphenol on the oxidative stability of pecan oil Author(s): Zhang, YY (Zhang, Yuan-Yuan); Zhang, F (Zhang, Fang); Thakur, K (Thakur, Kiran); Ci, AT (Ci, Ao-Tai); Wang, H (Wang, Hao); Zhang, JG (Zhang, Jian-Guo); Wei, ZJ (Wei, Zhao-Jun) Source: FOOD AND CHEMICAL TOXICOLOGY Volume: 119 Pages: 489-495 DOI: 10.1016/j.fct.2017.10.001 Published: SEP 2018 Accession Number: WOS 000443664200058	8	1.25

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MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRİŞAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 16 of 42 Title: Is it possible to use the stalks of <i>Gossypium hirsutum</i> L., an important by-product of cotton cultivation, as an alternative source of bioactive components? Author(s): Kırkan, B (Kıran, Bulent); Sankurkcu, C (Sankurkcu, Cengiz); Copuroglu, M (Copuroglu, Mehmet); Cengiz, M (Cengiz, Mustafa); Tepe, B (Tepe, Bektaş) Source: EUROPEAN FOOD RESEARCH AND TECHNOLOGY Volume: 244 Issue: 6 Pages: 1065-1071 DOI: 10.1007/s00217-017-3029-5 Published: JUN 2018 Accession Number: WOS:000427201300010	8	1.25
MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRİŞAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 18 of 42 Title: Phytochemical characterization, in vitro and in silico approaches for three <i>Hypericum</i> species Author(s): Llorent-Martínez, EJ (Llorent-Martínez, Eulogio J.); Zengin, G (Zengin, Gokhan); Lobine, D (Lobine, Devina); Molina-García, L (Molina-García, Lucía); Molica, A (Mollica, Adriano); Mahomoodally, MF (Mahomoodally, Mohamad Fawzi) Source: NEW JOURNAL OF CHEMISTRY Volume: 42 Issue: 7 Pages: 5204-5214 DOI: 10.1039/c8nj03478 Published: APR 7 2018 Accession Number: WOS:000429055100049	8	1.25
MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRİŞAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 19 of 42 Title: In vitro and in silico evaluation of <i>Centaurea saligna</i> (K Koch) Wagenitz-An endemic folk medicinal plant Author(s): Zengin, G (Zengin, Gokhan); Bulut, G (Bulut, Gizem); Molica, A (Mollica, Adriano); Picot-Alain, CMN (Picot-Alain, Carène Marie Nancy); Mahomoodally, MF (Mahomoodally, Mohamad Fawzi) Source: COMPUTATIONAL BIOLOGY AND CHEMISTRY Volume: 73 Pages: 120-126 DOI: 10.1016/j.compbiolchem.2018.02.010 Published: APR 2018 Accession Number: WOS:000429631000013	8	1.25
MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRİŞAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 21 of 42 Title: Biological effects and chemical characterization of <i>Iriss schachii</i> Markgr. extracts: A new source of bioactive constituents Author(s): Mocan, A (Mocan, Andrei); Zengin, G (Zengin, Gokhan); Molica, A (Mollica, Adriano); Uysal, A (Uysal, Ahmet); Gunes, E (Gunes, Erdogan); Crisan, G (Crisan, Gianina); Aktumsek, A (Aktumsek, Abdurrahman) Source: FOOD AND CHEMICAL TOXICOLOGY Volume: 112 Pages: 448-457 DOI: 10.1016/j.fct.2017.08.004 Published: FEB 2018 Accession Number: WOS:000425568900051	8	1.25

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Record 26 of 42 Title: Phenolic components and assessment of biological properties of <i>Tributaria</i> isidoid Boiss. extracts: Dosing and functional approaches for designing novel products Author(s): Zengin, G (Zengin, Gokhan); Abdallah, HH (Abdallah, Hassan H); Dogan, A (Dogan, Ahmet); Molica, A (Molica, Adriano); Aumeeruddy-Elafi, Z (Aumeeruddy-Elafi, Zahira); Mahomoodally, MF (Mahomoodally, Mohamed Fawzi) Source: FOOD AND CHEMICAL TOXICOLOGY Volume: 111 Pages: 423-431 DOI: 10.1016/j.fct.2017.11.055 Published: JAN 2018 Accession Number: WOS:000423248100037	8	1.25	
Record 27 of 42 Title: Novel in vitro and in silico insights of the multi-biological activities and chemical composition of <i>Eudens</i> <i>inparita</i> L. Author(s): Uysal, S (Uysal, Sengul); Ugurlu, A (Ugurlu, Ash); Zengin, G (Zengin, Gokhan); Baloglu, MC (Baloglu, Mehmet Cengiz); Altunoglu, YC (Altunoglu, Yasin Celik); Molica, A (Molica, Adriano); Custodio, L (Custodio, Luisa); Neng, NR (Neng, Nuno R.); Nogueira, JMF (Nogueira, Jose M. F.); Mahomoodally, MF (Mahomoodally, M. Fawzi) Source: FOOD AND CHEMICAL TOXICOLOGY Volume: 111 Pages: 525-536 DOI: 10.1016/j.fct.2017.11.058 Published: JAN 2018 Accession Number: WOS:000423248100047	8	1.25	
Record 28 of 42 Title: NMR-based identification of the major bioactive molecules from an Italian cultivar of <i>Lycium barbarum</i> Author(s): Lopatello, A (Lopatello, Annalisa); Previtera, R (Previtera, Rosano); Pace, S (Pace, Simona); Werner, M (Werner, Markus); Rubino, L (Rubino, Luigi); Wierz, O (Wierz, Oliver); Tagliatalela-Scalati, O (Tagliatalela-Scalati, Orazio); Forino, M (Forino, Marino) Source: PHYTOCHEMISTRY Volume: 144 Pages: 52-57 DOI: 10.1016/j.phytochem.2017.08.016 Published: DEC 2017 Accession Number: WOS:000418628100006	8	1.25	
Record 29 of 42 Title: Gualou Guizhi decoction reverses brain damage with cerebral ischemic stroke, multi-component directed multi-target to screen calcium-overload inhibitors using combination of molecular docking and protein-protein docking Author(s): Hu, J (Hu, Juan); Pang, WS (Pang, Wen-Sheng); Han, J (Han, Jing); Zhang, K (Zhang, Kuan); Zhang, JZ (Zhang, Ji-Zhou); Chen, LD (Chen, Li-Dian) Source: JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY Volume: 33 Issue: 1 Pages: 115-125 DOI: 10.1080/14756366.2017.1396457 Published: NOV 29 2017 Accession Number: WOS:000416799800001	8	1.25	

MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRİŞAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 35 of 42 Title: Enhanced Antibacterial Activity of Eni-Labdane Derivatives of Saliv Acid (7 α -Hydroxy-8(17)-ent-Labden-15-Oic Acid): Effect of Lipophilicity and the Hydrogen Bonding Role in Bacterial Membrane Interaction Author(s): Echeverria, J (Echeverria, Javier); Uzua, A (Uzua, Alejandro); Sanhueza, L (Sanhueza, Loreto); Wilkens, M (Wilkens, Marcela) Source: MOLECULES Volume: 22 Issue: 7 Article Number: 1039 DOI: 10.3390/molecules22071039 Published: JUL 2017 Accession Number: WOS 000406621300013	8	125
MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRİŞAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 36 of 42 Title: Constituents of <i>Polygala flavescens</i> ssp <i>Lactata</i> Dehydrogenase Author(s): Leo, M (De Leo, Mainella); Peruzzi, L (Peruzzi, Lorenzo); Granchi, C (Granchi, Carlotta); Tuccinardi, T (Tuccinardi, Tiziano); Minutolo, F (Minutolo, Filippo); De Tommasi, N (De Tommasi, Nunzia); Braca, A (Braca, Alessandra) Source: JOURNAL OF NATURAL PRODUCTS Volume: 80 Issue: 7 Pages: 2077-2087 DOI: 10.1021/acs.jnatprod.7b00295 Published: JUL 2017 Accession Number: WOS 000406818300015	8	125
MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRİŞAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 37 of 42 Title: In vitro and in silico insights of <i>Cupressus sempervirens</i> , <i>Artemisia absinthium</i> and <i>Lippia urphylla</i> Bridging traditional knowledge and scientific validation Author(s): Zengin, G (Zengin, Gokhan); Mollica, A (Mollica, Adriano); Aktumsek, A (Aktumsek, Abdurrahman); Picot, CMN (Picot, Carole Marie Nancy); Mahomoodally, MF (Mahomoodally, Mohamad Fawzi) Source: EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE Volume: 12 Pages: 135-141 DOI: 10.1016/j.eujim.2017.05.010 Published: JUN 2017 Accession Number: WOS 000414230000019	8	125
MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRİŞAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 38 of 42 Title: Cytotoxic and Enzyme Inhibitory Potential of Two Potentilla species (<i>P. speciosa</i> L. and <i>P. reptans</i> Willd.) and Their Chemical Composition Author(s): Uysal, S (Uysal, Sengul); Zengin, G (Zengin, Gokhan); Locatelli, M (Locatelli, Marcello); Bahadoni, MB (Bahadoni, Mir B.); Mocan, A (Mocan, Andrei); Belagamba, G (Belagamba, Giuseppe); De Luca, E (De Luca, Elsa); Mollica, A (Mollica, Adriano); Aktumsek, A (Aktumsek, Abdurrahman) Source: FRONTIERS IN PHARMACOLOGY Volume: 8 Article Number: 290 DOI: 10.3389/fphar.2017.00290 Published: MAY 23 2017 Accession Number: WOS 000402264000002	8	125

MOCAN, A., ZENGİN, G., SIMIRGIOTIS, M., SCHAFBERG, M., MOLLICA, A., VODNAR, D.C., CRISAN, G., ROHN S. Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> . 2017. 32(1), 153–168.	Record 42 of 42 Title: Lycium barbarum Reduces Abdominal Fat and Improves Lipid Profile and Antioxidant Status in Patients with Metabolic Syndrome Author(s): Zanchel, MZD (de Souza Zanchel, Mayara Zagonel); Nard, GM (Nardi, Geisson Marcos); Bratti, LDS (Souza Bratti, Leila de Oliveira); Flippin-Monteiro, FB (Flippin-Monteiro, Fabiola Branco); Locatelli, C (Locatelli, Claudiana) Source: OXIDATIVE MEDICINE AND CELLULAR LONGEVITY Article Number 9763210 DOI: 10.1155/2017/9763210 Published: 2017 Accession Number: WOS:000403203500001	8	1.25
DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (<i>Prunus domestica</i> L.) by-products. <i>Food Chemistry</i> , 2016, 209: 27-36	Record 1 of 34 Title: Parameters of the fermentation of soybean flour by <i>Monascus purpureus</i> or <i>Aspergillus oryzae</i> on the production of bioactive compounds and antioxidant activity Author(s): Handa, CL (Handa, Cintia Ladeira); de Lima, FS (de Lima, Fernando Sanches); Guelfi, MFG (Gelon Guelfi, Marcela Fernanda); Fernandes, MD (Fernandes, Meg da Silva); Georgetti, SR (Georgetti, Sandra Regina); Ida, EI (Ida, Elza Isaura) Source: FOOD CHEMISTRY Volume: 271 Pages: 274-283 DOI: 10.1016/j.foodchem.2018.07.188 Published: JAN 15 2019 Accession Number: WOS:000444567800036	3	3.33
DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (<i>Prunus domestica</i> L.) by-products. <i>Food Chemistry</i> , 2016, 209: 27-36	Record 2 of 34 Title: Phenolic profile, free amino acids composition and antioxidant potential of dried longan fermented by lactic acid bacteria Author(s): Khan, SA (Khan, Sher Ali); Liu, L (Liu, Lei); Lai, T (Lai, Ting); Zhang, RF (Zhang, Ruifen); Wei, ZC (Wei, Zhancheng); Xiao, J (Xiao, Juan); Deng, YY (Deng, Yanyuan); Zhang, MW (Zhang, Mingwei) Source: JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE Volume: 55 Issue: 12 Pages: 4782-4791 DOI: 10.1007/s13197-018-3411-8 Published: DEC 2018 Accession Number: WOS:000450190000008	3	3.33
DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (<i>Prunus domestica</i> L.) by-products. <i>Food Chemistry</i> , 2016, 209: 27-36	Record 3 of 34 Title: Fermentation and complex enzyme hydrolysis for improving the total soluble phenolic contents, flavonoid aglycones contents and bio-activities of guava leaves tea Author(s): Wang, L (Wang, Lu); Luo, Y (Luo, You); Wu, YN (Wu, Yanan); Liu, Y (Liu, Yan); Wu, ZQ (Wu, Zhenqiang) Source: FOOD CHEMISTRY Volume: 264 Pages: 189-198 DOI: 10.1016/j.foodchem.2018.05.035 Published: OCT 30 2018 Accession Number: WOS:000433335900024	3	3.33
DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (<i>Prunus domestica</i> L.) by-products. <i>Food Chemistry</i> , 2016, 209: 27-36	Record 4 of 34 Title: Fermentation: A Boon for Production of Bioactive Compounds by Processing of Food Industries Wastes (By-Products) Author(s): Sadi, PK (Sadi, Pardeep Kumar); Kumar, S (Kumar, Suresh); Chawla, P (Chawla, Prince); Duhan, JS (Duhan, Joginder Singh) Source: MOLECULES Volume: 23 Issue: 10 Article Number: 2560 DOI: 10.3390/molecules23102560 Published: OCT 2018 Accession Number: WOS:000451201400156	3	3.33

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

Record 10 of 34 Title: Improvement of Protein Bioavailability by Solid-State Fermentation of Babassu Mesocarp Flour and Cassava Leaves Author(s): Morales, EM (Morales, E. M.); Domingos, RN (Domingos, R. N.); Angels, DF (Angels, D. F.) Source: WASTE AND BIOMASS VALORIZATION Volume: 9 Issue: 4 Pages: 581-590 DOI: 10.1007/s12649-016-9759-y Published: APR 2018 Accession Number: WOS 000426899200007	3	3.33	
Record 11 of 34 Title: Organic Acid Content, Antioxidant Capacity, and Fermentation Kinetics of Matured Coconut (Cocos nucifera) Water Fermented by Saccharomyces cerevisiae D254 Author(s): Zhang, GF (Zhang, Guanlei); Li, XL (Li, Xiaoli); Chen, WX (Chen, Wenxue); Chen, PS (Chen, Pusei); Jin, XF (Jin, Xiaofan); Chen, WJ (Chen, Weijun); Chen, HM (Chen, Haining) Source: INTERNATIONAL JOURNAL OF FOOD ENGINEERING Volume: 14 Issue: 3 Article Number: 20170331 DOI: 10.1515/ijfe-2017-0331 Published: MAR 2018 Accession Number: WOS 000431384400007	3	3.33	
Record 12 of 34 Title: Improving the quality of matured coconut (Cocos nucifera Linn.) water by low alcoholic fermentation with Saccharomyces cerevisiae: antioxidant and volatile profiles Author(s): Zhang, GF (Zhang, Guanlei); Chen, WX (Chen, Wenxue); Chen, WJ (Chen, Weijun); Chen, HM (Chen, Haining) Source: JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE Volume: 55 Issue: 3 Pages: 964-976 DOI: 10.1007/s13197-017-3004-y Published: MAR 2018 Accession Number: WOS 000425791100014	3	3.33	
Record 13 of 34 Title: Mobilization of phenolic antioxidants from grape, apple and pineapple residues via solid state fungal fermentation and carbohydrase treatment Author(s): Zambrano, C (Zambrano, Carolina); Kologan, A (Kologan, Alexandra); Bencsik, O (Bencsik, Otto); Papp, T (Papp, Tamas); Vagvolgyi, C (Vagvolgyi, Csaba); Mondai, KC (Mondai, Kesthab C.); Kirsch, J (Kirsch, Judith); Tako, M (Tako, Miklos) Source: LWT-FOOD SCIENCE AND TECHNOLOGY Volume: 89 Pages: 457-465 DOI: 10.1016/j.lwt.2017.11.025 Published: MAR 2018 Accession Number: WOS 000423647000684	3	3.33	
Record 14 of 34 Title: Impact of fermentation degree on phenolic compositions and bioactivities during the fermentation of guava leaves with Monascus anka and Bacillus sp. Author(s): Wang, L (Wang, Lu); Luo, Y (Luo, You); Wu, YA (Wu, Yanan); Wu, ZQ (Wu, Zhenqiang) Source: JOURNAL OF FUNCTIONAL FOODS Volume: 41 Pages: 183-190 DOI: 10.1016/j.jff.2017.12.044 Published: FEB 2018 Accession Number: WOS 000428360700022	3	3.33	

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

Record 19 of 34 Title: Fungal Growth on Solid Substrates: A Physiological Overview Author(s): Gomes, E (Gomes, Eleni); da Silva, R (da Silva, Roberto); Pereira, JD (Pereira, Jostiani de Cassia); Ladino-Ojuela, G (Ladino-Ojuela, Guillermo) Edited by: Pandey A, Larroche C; Soccol CR Source: CURRENT DEVELOPMENTS IN BIOTECHNOLOGY AND BIOENGINEERING: CURRENT ADVANCES IN SOLID-STATE FERMENTATION Pages: 31-56 DOI: 10.1016/B978-0-444-63990-5.00003-7 Published: 2018 Accession Number: WOS 000424406200004	3	3 33	
Record 20 of 34 Title: Agricultural Residues as Animal Feed: Protein Enrichment and Detoxification Using Solid-State Fermentation Author(s): Godoy, MG (Godoy, Mateus G.); Amorim, GM (Amorim, Graziella M.); Barreto, MS (Barreto, Maysa S.); Friere, DMG (Friere, Denise M. G.) Edited by: Pandey A, Larroche C; Soccol CR Source: CURRENT DEVELOPMENTS IN BIOTECHNOLOGY AND BIOENGINEERING: CURRENT ADVANCES IN SOLID-STATE FERMENTATION Pages: 235-256 DOI: 10.1016/B978-0-444-63990-5.00012-8 Published: 2018 Accession Number: WOS 000424406200013	3	3 33	
Record 21 of 34 Title: Solid-State Fermentation for Food Applications Author(s): Rosales, E (Rosales, Emilio); Pazos, M (Pazos, Maria); Sanroman, MA (Sanroman, Maria Ma) Edited by: Pandey A, Larroche C; Soccol CR Source: CURRENT DEVELOPMENTS IN BIOTECHNOLOGY AND BIOENGINEERING: CURRENT ADVANCES IN SOLID-STATE FERMENTATION Pages: 319-355 DOI: 10.1016/B978-0-444-63990-5.00015-3 Published: 2018 Accession Number: WOS 000424406200016	3	3 33	
Record 22 of 34 Title: Effect of thermal and photo oxidation on the stability of cold-pressed plum and apricot kernel oils Author(s): Kralan, M (Kralan, Mustafa); Kayahan, M (Kayahan, Mustafa); Kralan, SS (Kralan, S. Sazer); Ramadan, MF (Ramadan, Mohamed Farzy) Source: EUROPEAN FOOD RESEARCH AND TECHNOLOGY Volume: 244 Issue: 1 Pages: 31-42 DOI: 10.1007/s00217-017-2932-0 Published: JAN 2018 Accession Number: WOS 000419475400004	3	3 33	
Record 25 of 34 Title: Rapid identification of fermentation stages of bioethanol solid-state fermentation (SSF) using FT-NIR spectroscopy: comparisons of linear and non-linear algorithms for multiple classification issues Author(s): Jiang, H (Jiang, Hui); Mei, CL (Mei, Congli); Chen, QS (Chen, Quansheng) Source: ANALYTICAL METHODS Volume: 9 Issue: 39 Pages: 5769-5776 DOI: 10.1039/C7AY01861D Published: OCT 21 2017 Accession Number: WOS 000412944100007	3	3 33	

DULF, F. V., VODNAR, D.C., SOCACIU, C. Effects of solid-state fermentation with two filamentous fungi on the total phenolic contents, flavonoids, antioxidant activities and lipid fractions of plum fruit (*Prunus domestica* L.) by-products. *Food Chemistry*, 2016, 209: 27-36

DEZSI, Ș., BĂDĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.-M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) KD Hill & LAS Johnson Leaves. *Molecules*. 2015. 20(3): 4720-4734.

DEZSI, Ș., BĂDĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.-M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) KD Hill & LAS Johnson Leaves. *Molecules*. 2015. 20(3): 4720-4734.

DEZSI, Ș., BĂDĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.-M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) KD Hill & LAS Johnson Leaves. *Molecules*. 2015. 20(3): 4720-4734.

DEZSI, Ș., BĂDĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.-M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) KD Hill & LAS Johnson Leaves. *Molecules*. 2015. 20(3): 4720-4734.

Record 34 of 34 Title: The Protagonism of Biocatalysis in Green Chemistry and Its Environmental Benefits Author(s): Ferreira-Leitao, VS (Ferreira-Leitao, Vindiana Santana); Cammarota, MC (Cammarota, Magali Christie); Aguiar, ECG (Concalves Aguiar, Enka Cristina); de Sa, LRV (Vasconcelos de Sa, Livan Ribeiro); Fernandez-Luente, R (Fernandez-Luente, Roberto); Freire, DMG (Gumaraes Freire, Denise Maria) Source: CATALYSTS Volume: 7 Issue: 1 Article Number: 9 DOI: 10.3390/catal7010009 Published: JAN 2017 Accession Number: WOS 000395426100009	3	3.33	
Record 1 of 22 Title: Identification and phytotoxicity of phenolic compounds in <i>Eucalyptus camaldulensis</i> Author(s): Gichi, A (Gichi, A); Nasr, Z (Nasr, Z); Khouja, ML (Khouja, M L) Source: ALLELOPATHY JOURNAL Volume: 44 Issue: 1 Pages: 75-88 DOI: 10.28651/alleloj2018-44-1-1155 Published: MAY 2018 Accession Number: WOS 000432565700007	8	1.25	
Record 2 of 22 Title: Unravelling the bioherbicide potential of <i>Eucalyptus globulus</i> Labill: Biochemistry and effects of its aqueous extract Author(s): Puig, CG (Puig, Carolina G.); Reigosa, MJ (Reigosa, Manuel J.); Valentao, P (Valentao, Patricia); Andrade, PB (Andrade, Paula B.); Pedrol, N (Pedrol, Nuria) Source: PLOS ONE Volume: 13 Issue: 2 Article Number: e0192872 DOI: 10.1371/journal.pone.0192872 Published: FEB 13 2018 Accession Number: WOS 000425083400063	8	1.25	
Record 3 of 22 Title: The Reaction of Oxy Hemoglobin with Nitric Oxide: Mechanism, Antioxidant-Modulated Effect, and Implications for Blood Substitute Evaluation Author(s): Hatzizi, D (Hatzizi, Denisa); Scutiu, F (Scutiu, Florina); Bischin, C (Bischin, Cristina); Mot, A (Mot, Augustin); Alta, AAA (Alta, Amr A. A.); Kongsted, J (Kongsted, Jacob); Slaghi-Dumitrescu, R (Slaghi-Dumitrescu, Radu) Source: MOLECULES Volume: 23 Issue: 2 Article Number: 350 DOI: 10.3390/molecules23020350 Published: FEB 2018 Accession Number: WOS 000426436300130	8	1.25	
Record 4 of 22 Title: PHYTOCHEMISTRY AND ALLELOPATHIC POTENTIAL OF TORELLIODORA EUCALYPTUS LEAVES ON GERMINATION AND INITIAL GROWTH OF MUTAMBO Author(s): Pereira, SR (Pereira, S. R.); Fonseca, DR (Fonseca, D. R.); Matias, R (Matias, R.); Correa, BO (Correa, B. O.); Pedroso, DR (Pedroso, D. R.) Source: PLANTA DANINHA Volume: 36 Article Number: e018193354 DOI: 10.1590/S0100-83582018360100145 Published: 2018 Accession Number: WOS 000452201200001	8	1.25	

DEZSI, Ș., BĂDĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.-M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) KD Hill & LAS Johnson Leaves. *Molecules*. 2015. 20(3): 4720-4734.

DEZSI, Ș., BĂDĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.-M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) KD Hill & LAS Johnson Leaves. *Molecules*. 2015. 20(3): 4720-4734.

DEZSI, Ș., BĂDĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.-M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) KD Hill & LAS Johnson Leaves. *Molecules*. 2015. 20(3): 4720-4734.

DEZSI, Ș., BĂDĂRĂU, A.S., BISCHIN, C., VODNAR, D.C., SILAGHI-DUMITRESCU, R., GHELDIU, A.-M., MOCAN, A., VLASE, L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) KD Hill & LAS Johnson Leaves. *Molecules*. 2015. 20(3): 4720-4734.

Record 11 of 22 Title: Cytotoxic and Enzyme Inhibitory Potential of Two Plantain species (P-speciosa L. and P-repians Wild.) and Their Chemical Composition Author(s): Uysal, S (Uysal, Sengul); Zengin, G (Zengin, Gokhan); Locatelli, M (Locatelli, Marcello); Bahadori, MB (Bahadori, Mir B); Mocan, A (Mocan, Andrei); Bellegamba, G (Bellegamba, Giuseppe); De Luca, E (De Luca, Elisa); Molica, A (Molica, Adriano); Aktumsek, A (Aktumsek, Abdurrahman) Source: FRONTIERS IN PHARMACOLOGY Volume: 8 Article Number: 290 DOI: 10.3389/fphar.2017.00290 Published: MAY 23 2017 Accession Number: WOS 000402264000002	9	125
Record 12 of 22 Title: A 4-Phenoxypheyl Derivative Exerts Inhibitory Effects on Human Hepatocellular Carcinoma Cells through Regulating Autophagy and Apoptosis Accompanied by Downregulating alpha-Tubulin Expression Author(s): Chang, WT (Chang, Wen-Tsan); Liu, W (Liu, Wanglai); Chiu, YH (Chiu, Yi-Han); Chen, BH (Chen, Bing-Hung); Chuang, SC (Chuang, Shih-Chang); Chen, YC (Chen, Yen-Chun); Hsu, YT (Hsu, Yun-Tzn); Lu, NJ (Lu, Mei-Jei); Chou, SJ (Chou, Shean-Jaw); Chou, CK (Chou, Chon-Kid); Chiu, CC (Chiu, Chien-Chin) Source: MOLECULES Volume: 22 Issue: 5 Article Number: 854 DOI: 10.3390/molecules22050854 Published: MAY 2017 Accession Number: WOS 000404522900170	9	125
Record 13 of 22 Title: Evaluation of Polyphenolic Content, Antioxidant and Diuretic Activities of Six Fumaria Species Author(s): Pallinean, R (Pallinean, Ramona); Mocan, A (Mocan, Andrei); Vlase, L (Vlase, Laurian); Gheldiu, AM (Gheldiu, Ana-Maria); Crisan, G (Crisan, Giana); Ielciu, I (Ielciu, Iina); Vostinaru, O (Vostinaru, Olivia); Crisan, O (Crisan, Ovidiu) Source: MOLECULES Volume: 22 Issue: 4 Article Number: 639 DOI: 10.3390/molecules22040639 Published: APR 2017 Accession Number: WOS 000404517800137	8	125
Record 14 of 22 Title: The effect of burdock leaf fraction on adhesion, biofilm formation, quorum sensing and virulence factors of <i>Pseudomonas aeruginosa</i> Author(s): Lou, Z (Lou, Z.); Wang, H (Wang, H.); Tang, Y (Tang, Y.); Chen, X (Chen, X.) Source: JOURNAL OF APPLIED MICROBIOLOGY Volume: 122 Issue: 3 Pages: 615-624 DOI: 10.1111/jam.13348 Published: MAR 2017 Accession Number: WOS 000394582400007	8	125

DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two Sambucus species (S. nigra L. and S. ebulus L.). Molecules. 2013. 18(10):11768-11782. (*corresponding author)	Record 1 of 22 Title: The Influence of Viable Cells and Cell-Free Extracts of Lactobacillus casei on Volatile Compounds and Polyphenolic Profile of Elderberry Juice Author(s): Ricci, A (Ricci, Annalisa); Levante, A (Levante, Alessia); Cirini, M (Cirini, Martina); Calani, L (Calani, Luca); Benini, V (Benini, Valentina); Del Rio, D (Del Rio, Daniele); Galaverna, G (Galaverna, Gianna); Neviani, E (Neviani, Erasmo); Lazzi, C (Lazzi, Camilla) Source: FRONTIERS IN MICROBIOLOGY Volume: 9 Article Number: 2784 DOI: 10.3389/fmicb.2018.02784 Published: NOV 20 2018 Accession Number: WOS 000450669100001	5	2 00
DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two Sambucus species (S. nigra L. and S. ebulus L.). Molecules. 2013. 18(10):11768-11782. (*corresponding author)	Record 2 of 22 Title: Folic acid, minerals, amino-acids, fatty acids and volatile compounds of green and red lentils. Folic acid content optimization in wheat-lentils composite flours Author(s): Paucean, A (Paucean, Adriana); Moldovan, OP (Moldovan, Ovidiu P.); Muresan, V (Muresan, Vlad); Socaci, SA (Socaci, Sonia A.); Dulf, FV (Dulf, Francisc V.); Alexa, E (Alexa, Ersilia); Man, SM (Man, Simona M.); Muresan, AE (Muresan, Andreea E.); Musie, S (Musie, Sevastila) Source: CHEMISTRY CENTRAL JOURNAL Volume: 12 Article Number: 88 DOI: 10.1186/s13065-018-0456-8 Published: AUG 4 2018 Accession Number: WOS 000441205100001	5	2 00
DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two Sambucus species (S. nigra L. and S. ebulus L.). Molecules. 2013. 18(10):11768-11782. (*corresponding author)	Record 4 of 22 Title: Volatile profile of elderberry juice: Effect of lactic acid fermentation using L-plantarum, L-rhamnosus and L-casei strains Author(s): Ricci, A (Ricci, Annalisa); Cirini, M (Cirini, Martina); Levante, A (Levante, Alessia); Dall'asta, C (Dall'asta, Chiara); Galaverna, G (Galaverna, Gianna); Lazzi, C (Lazzi, Camilla) Source: FOOD RESEARCH INTERNATIONAL Volume: 105 Pages: 412-422 DOI: 10.1016/j.foodres.2017.11.042 Published: MAR 2018 Accession Number: WOS 000425567900042	5	2 00
DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two Sambucus species (S. nigra L. and S. ebulus L.). Molecules. 2013. 18(10):11768-11782. (*corresponding author)	Record 5 of 22 Title: Bioactive properties of Sambucus nigra L. as a functional ingredient for food and pharmaceutical industry Author(s): Mlynarczyk, K (Mlynarczyk, Karolina); Walkowiak-Tomczak, D (Walkowiak-Tomczak, Dorota); Lyslak, GP (Lyslak, Grzegorz P.) Source: JOURNAL OF FUNCTIONAL FOODS Volume: 40 Pages: 377-390 DOI: 10.1016/j.jff.2017.11.025 Published: JAN 2018 Accession Number: WOS 000413800550000	5	2 00
DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two Sambucus species (S. nigra L. and S. ebulus L.). Molecules. 2013. 18(10):11768-11782. (*corresponding author)	Record 6 of 22 Title: Differences in the fruit structure and the location and content of bioactive substances in Viburnum opulus and Viburnum lantana fruits Author(s): Konarska, A (Konarska, Agata); Domaciuk, M (Domaciuk, Marcin) Source: PROTOPLASMA Volume: 255 Issue: 1 Pages: 25-41 DOI: 10.1007/s00709-017-1130-z Published: JAN 2018 Accession Number: WOS 000418461400004	5	2 00

DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two <i>Sambucus</i> species (<i>S. nigra</i> L. and <i>S. ebulus</i> L.). <i>Molecules</i> . 2013. 18(10):11768-11782. (*corresponding author)	Record 17 of 22 Title: Advanced research on the antioxidant and health benefit of elderberry (<i>Sambucus nigra</i>) in food - a review Author(s): Sidor, A (Sidor, Andrizej); Granza-Michalowska, A (Granza-Michalowska, Anna) Source: JOURNAL OF FUNCTIONAL FOODS Volume: 18 Pages: 941-958 DOI: 10.1016/j.jff.2014.07.012 Part: B Published: OCT 2015 Accession Number: WOS 000365244700010	5	2.00	
DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two <i>Sambucus</i> species (<i>S. nigra</i> L. and <i>S. ebulus</i> L.). <i>Molecules</i> . 2013. 18(10):11768-11782. (*corresponding author)	Record 18 of 22 Title: Extraction and Characterization of Phenolic Compounds from Rose Hip (<i>Rosa canina</i> L.) Using Liquid Chromatography Coupled with Electrospray Ionization - Mass Spectrometry Author(s): Stanila, A (Stanila, Andreea); Diaconeasa, Z (Diaconeasa, Zonia); Roman, I (Roman, Ioana); Sima, N (Sima, Nicusor); Maniutu, D (Maniutu, Danut); Roman, A (Roman, Alin); Sima, R (Sima, Rodica) Source: NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA Volume: 43 Issue: 2 Pages: 349-354 Published: JUL-DEC 2015 Accession Number: WOS 000366877100008	5	2.00	
DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two <i>Sambucus</i> species (<i>S. nigra</i> L. and <i>S. ebulus</i> L.). <i>Molecules</i> . 2013. 18(10):11768-11782. (*corresponding author)	Record 19 of 22 Title: Volatile profile, fatty acids composition and total phenolics content of brewers' spent grain by-product with potential use in the development of new functional foods Author(s): Farcas, AC (Farcas, Anca C.); Socaci, SA (Socaci, Sonia A.); Dulf, FV (Dulf, Francisc V.); Tolana, M (Tolana, Maria); Mucura, E (Mucura, Elena); Diaconeasa, Z (Diaconeasa, Zonia) Source: JOURNAL OF CEREAL SCIENCE Volume: 64 Pages: 34-42 DOI: 10.1016/j.jcs.2015.04.003 Published: JUL 2015 Accession Number: WOS 000358630800006	5	2.00	
DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two <i>Sambucus</i> species (<i>S. nigra</i> L. and <i>S. ebulus</i> L.). <i>Molecules</i> . 2013. 18(10):11768-11782. (*corresponding author)	Record 21 of 22 Title: Antinociceptive and anti-inflammatory activity of <i>Sambucus palmensis</i> link, an endemic Canary Island species Author(s): Abdala, S (Abdala, Susana); Devora, S (Devora, Sandra); Marin-Herrera, D (Marin-Herrera, Domingo); Perez-Paz, P (Perez-Paz, Pedro) Source: JOURNAL OF ETHNOPHARMACOLOGY Volume: 155 Issue: 1 Pages: 626-632 DOI: 10.1016/j.jep.2014.06.002 Published: AUG 8 2014 Accession Number: WOS 000340854000062	5	2.00	
DULF, F.V., OROIAN, I., VODNAR, D.C., SOCACIU, C., PINTEA, A. Lipid classes and fatty acid redistribution in triacylglycerols of seed oils of two <i>Sambucus</i> species (<i>S. nigra</i> L. and <i>S. ebulus</i> L.). <i>Molecules</i> . 2013. 18(10):11768-11782. (*corresponding author)	Record 22 of 22 Title: Modulation of Membrane Lipid Composition and Homeostasis in Salmon Hepatocytes Exposed to Hypoxia and Perfluorooctane Sulfonamide, Given Singly or in Combination Author(s): Oulsen, M (Oulsen, Mananne); Cangialosi, MV (Cangialosi, Maria V.); Anukwe, A (Anukwe, Augustine) Source: PLOS ONE Volume: 9 Issue: 7 Article Number: e102485 DOI: 10.1371/journal.pone.0102485 Published: JUL 21 2014 Accession Number: WOS 000329558100035	5	2.00	

MOCAN, A., VODNAR, D.C., VLASE, L., CRISAN, O., GHELDIU, A.-M., CRISAN, G. Phytochemical Characterization of <i>Veronica officinalis</i> L., <i>V. leucomL.</i> and <i>V. orchidea</i> Crantz from Romania and Their Antioxidant and Antimicrobial Properties. International Journal of Molecular Science. 2015. 16(9). 21109-21127.	Record 6 of 21 Title: Veronica persica Poir extract - antibacterial, antifungal and scoldidal activities, and inhibitory potential on acetylcholinesterase, tyrosinase, lipoxygenase and xanthine oxidase Author(s): Sharifi-Rad, J (Sharifi-Rad, Javad); Tayeboun, GS (Tayeboun, Ghazaleh S.); Niknam, F (Niknam, Farshad); Sharifi-Rad, M (Sharifi-Rad, Majid); Mohajeri, M (Mohajeri, Maryam); Salehi, B (Salehi, Bahare); Inti, M (Inti, Marcello); Sharifi-Rad, M (Sharifi-Rad, Mehdi) Source: CELLULAR AND MOLECULAR BIOLOGY Volume: 64 Issue: 8 Pages: 50-56 DOI: 10.14715/cmb2018.64.8.8 Published: 2018 Accession Number: WOS:000439021000009	6	167	
MOCAN, A., VODNAR, D.C., VLASE, L., CRISAN, O., GHELDIU, A.-M., CRISAN, G. Phytochemical Characterization of <i>Veronica officinalis</i> L., <i>V. leucomL.</i> and <i>V. orchidea</i> Crantz from Romania and Their Antioxidant and Antimicrobial Properties. International Journal of Molecular Science. 2015. 16(9). 21109-21127	Record 7 of 21 Title: In vitro and in vivo assessment of free radical scavenging and antioxidant activities of Veronica persica Poir Author(s): Sharifi-Rad, J (Sharifi-Rad, Javad); Sharifi-Rad, M (Sharifi-Rad, Mehdi); Salehi, B (Salehi, Bahare); Inti, M (Inti, Marcello); Roonian, A (Roonian, Amir); Moayer, D (Moayer, Dima); Soltani-Nejad, A (Soltani-Nejad, Azam); Alshari, A (Alshari, Azam) Source: CELLULAR AND MOLECULAR BIOLOGY Volume: 64 Issue: 8 Pages: 57-64 DOI: 10.14715/cmb2018.64.8.9 Published: 2018 Accession Number: WOS:000439021000009	6	167	
MOCAN, A., VODNAR, D.C., VLASE, L., CRISAN, O., GHELDIU, A.-M., CRISAN, G. Phytochemical Characterization of <i>Veronica officinalis</i> L., <i>V. leucomL.</i> and <i>V. orchidea</i> Crantz from Romania and Their Antioxidant and Antimicrobial Properties. International Journal of Molecular Science. 2015. 16(9). 21109-21127	Record 8 of 21 Title: Mitodepressive, antioxidant, antifungal and anti-inflammatory effects of wild-growing Romanian native <i>Arctium lappa</i> L. (Asteraceae) and <i>Veronica persica</i> Poir (Plantaginaceae) Author(s): Fierascu, RC (Fierascu, Radu Claudiu); Georgiev, MI (Georgiev, Mien I.); Fierascu, I (Fierascu, Irina); Ungureanu, C (Ungureanu, Camelia); Avramescu, SM (Avramescu, Sorin Marius); Ortan, A (Ortan, Alina); Georgescu, MI (Georgescu, Mihaela Ioana); Sutan, AN (Sutan, Anca Nicoleta); Zanfrescu, A (Zanfrescu, Anca); Dinu-Pirvu, CE (Dinu-Pirvu, Cristina Elena); Velescu, BS (Velescu, Bruno Stefan); Anuta, V (Anuta, Valentina) Source: FOOD AND CHEMICAL TOXICOLOGY Volume: 111 Pages: 44-52 DOI: 10.1016/j.foodtox.2017.11.008 Published: JAN 2018 Accession Number: WOS:000423246100005	6	167	
MOCAN, A., VODNAR, D.C., VLASE, L., CRISAN, O., GHELDIU, A.-M., CRISAN, G. Phytochemical Characterization of <i>Veronica officinalis</i> L., <i>V. leucomL.</i> and <i>V. orchidea</i> Crantz from Romania and Their Antioxidant and Antimicrobial Properties. International Journal of Molecular Science. 2015. 16(9). 21109-21127	Record 10 of 21 Title: Evaluation of antioxidant potential enzyme inhibition activity and phenolic profile of <i>Lathyrus csera</i> and <i>Lathyrus digitatus</i> . Potential sources of bioactive compounds for the food industry Author(s): Lorenti-Martinez, EJ (Lorenti-Martinez, E. J.); Ortega-Barrales, P (Ortega-Barrales, P.); Zengin, G (Zengin, G.); Mocan, A (Mocan, A.); Sinigroiu, MJ (Sinigroiu, M. J.); Ceylan, R (Ceylan, R.); Uysal, S (Uysal, S.); Aktumsek, A (Aktumsek, A.) Source: FOOD AND CHEMICAL TOXICOLOGY Volume: 107 Pages: 609-619 DOI: 10.1016/j.foodtox.2017.03.002 Part: B Published: SEP 2017 Accession Number: WOS:000408595500010	6	167	

MOCAN, A., VODNAR, D.C., VLASE, L., CRISAN, O., GHELDIU, A.-M., CRISAN, G. Phytochemical Characterization of <i>Veronica officinalis</i> L., <i>V. teucrium</i> L. and <i>V. orchidea</i> Crantz from Romania and Their Antioxidant and Antimicrobial Properties. International Journal of Molecular Science. 2015. 16(9), 21109-21127	Record 15 of 21 Title: Dietary Supplements with Resveratrol, Flavonoids and Phenolic Acids: in-depth HPLC Profiling and Antioxidant Capacity as Quality Markers Author(s): Ardelean, F. (Ardelean, Florina); Vlase, L. (Vlase, Laurian); Mocan, AM (Mocan, Andrei Marius); Gheldiu, AM (Gheldiu, Ana Maria); Ania, DS (Ania, Diana Simona); Trandafirescu, C. (Trandafirescu, Cristian); Marginean, O. (Marginean, Otilia); Drgan, S (Drgan, Simona) Source: REVISTA DE CHIMIE Volume: 68 Issue: 2 Pages: 401-407 Published: FEB 2017 Accession Number: WOS:000397043100045	6	167
MOCAN, A., VODNAR, D.C., VLASE, L., CRISAN, O., GHELDIU, A.-M., CRISAN, G. Phytochemical Characterization of <i>Veronica officinalis</i> L., <i>V. teucrium</i> L. and <i>V. orchidea</i> Crantz from Romania and Their Antioxidant and Antimicrobial Properties. International Journal of Molecular Science. 2015. 16(9), 21109-21127.	Record 18 of 21 Title: Inhibitory activity on type 2 diabetes and hypertension key-enzymes, and antioxidant capacity of <i>Veronica persica</i> phenolic-rich extracts Author(s): Shari-Rad, M (Shari-Rad, M.); Tayeboun, GS (Tayeboun, G. S.); Shari-Rad, J (Shari-Rad, J.); Jini, M (Jini, M.); Varoni, EM (Varoni, E. M.); Razazi, S (Razazi, S.) Source: CELLULAR AND MOLECULAR BIOLOGY Volume: 62 Issue: 6 Pages: 80-85 DOI: 10.14715/cmb/2016.62.6.15 Published: MAY 2016 Accession Number: WOS:000376678600015	6	167
DULF, F.V., VODNAR, D.C., DULF, E.-H., TOSA, M. I. Total Phenolic Contents, Antioxidant Activities and Lipid Fractions from Berry Pomace Obtained by Solid-State Fermentation of two <i>Sambucus</i> Species with <i>Aspergillus Niger</i> . Journal of Agricultural and Food Chemistry 2015. 63(13):3489-500. (*corresponding author)	Record 1 of 19 Title: Fermentation and complex enzyme hydrolysis for improving the total soluble phenolic contents, flavonoid polyphenols contents and bio-activities of guava leaves tea Author(s): Wang, L. (Wang, Lu); Luo, Y (Luo, You); Wu, YN (Wu, Yanan); Liu, Y (Liu, Yan); Wu, ZD (Wu, Zhenqiang) Source: FOOD CHEMISTRY Volume: 264 Pages: 189-198 DOI: 10.1016/j.foodchem.2018.05.035 Published: OCT 30 2018 Accession Number: WOS:000433116500024	4	2.50
DULF, F.V., VODNAR, D.C., DULF, E.-H., TOSA, M. I. Total Phenolic Contents, Antioxidant Activities and Lipid Fractions from Berry Pomace Obtained by Solid-State Fermentation of two <i>Sambucus</i> Species with <i>Aspergillus Niger</i> . Journal of Agricultural and Food Chemistry 2015. 63(13):3489-500. (*corresponding author)	Record 2 of 19 Title: Microbial maceration: a sustainable approach for phytochemical extraction Author(s): Sharma, BR (Sharma, Basistia Rabina); Kumar, V (Kumar, Vikas); Gal, Y (Gal, Yogesh); Kumar, N (Kumar, Naveen); Parashar, A (Parashar, Aarya); Pnakin, DJ (Pnakin, Dave Jaydeep) Source: 3 BIOTECH Volume: 8 Issue: 9 Article Number: 401 DOI: 10.1007/s13205-018-1423-8 Published: SEP 7 2018 Accession Number: WOS:000444122200002	4	2.50
DULF, F.V., VODNAR, D.C., DULF, E.-H., TOSA, M. I. Total Phenolic Contents, Antioxidant Activities and Lipid Fractions from Berry Pomace Obtained by Solid-State Fermentation of two <i>Sambucus</i> Species with <i>Aspergillus Niger</i> . Journal of Agricultural and Food Chemistry 2015. 63(13):3489-500. (*corresponding author)	Record 3 of 19 Title: Intestinal Absorption and Antioxidant Activity of Grape Pomace Polyphenols Author(s): Chedea, VS (Chedea, Veronica Sanda); Palade, LM (Palade, Laurentiu Mihal); Mann, DE (Mann, Daniela Eliza); Pelmus, RS (Pelmus, Rodica Stefania); Habeanu, M (Habeanu, Mihaela); Rotar, MC (Rotar, Mircea Calalin); Gras, MA (Gras, Mihail Alexandru); Pistol, GC (Pistol, Gina Cecilia); Taranu, I (Taranu, Ionelia) Source: NUTRIENTS Volume: 10 Issue: 5 Article Number: 588 DOI: 10.3390/nu10050588 Published: MAY 2018 Accession Number: WOS:000435195000062	4	2.50

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DULF, F.V., VODNAR, D.C., DULF, E.-H., TOSA, M.I. Total Phenolic Contents, Antioxidant Activities and Lipid Fractions from Berry Pomaces Obtained by Solid-State Fermentation of two <i>Sambucus</i> Species with <i>Aspergillus Niger</i> . Journal of Agricultural and Food Chemistry. 2015. 63(13):3489-500 (*corresponding author)	Record 13 of 19 Title: Comparative evaluations on phenolic antioxidants of nine adulterants and anti-inflammation of four alternatives with their original herb <i>Erycibe schmidia</i> Author(s): Xue, Q (Xue, Qiang); Fan, H (Fan, Hang); Li, K (Li, Ke); Yang, LG (Yang, Lingguang); Sun, LW (Sun, Liwei); Liu, YJ (Liu, Yujun) Source: RSC ADVANCES. Volume: 7 Issue: 81 Pages: 51151-51161 DOI: 10.1039/c6ra10767f Published: 2017 Accession Number: WOS 000414780700013	4	2 50	
DULF, F.V., VODNAR, D.C., DULF, E.-H., TOSA, M.I. Total Phenolic Contents, Antioxidant Activities and Lipid Fractions from Berry Pomaces Obtained by Solid-State Fermentation of two <i>Sambucus</i> Species with <i>Aspergillus Niger</i> . Journal of Agricultural and Food Chemistry. 2015. 63(13):3489-500 (*corresponding author)	Record 16 of 19 Title: Plant part variability of <i>Sambucus ebulus</i> L. secondary metabolites content and antioxidant activity Author(s): Topuzovic, MD (Topuzovic, Marina D.); Stankovic, MS (Stankovic, Man S.); Jakovljevic, DZ (Jakovljevic, Dragana Z.); Bojovic, BM (Bojovic, Bijana M.) Source: AGRO FOOD INDUSTRY HI-TECH. Volume: 27 Issue: 2 Pages: 60-64 Published: MAR-APR 2016 Accession Number: WOS 0003756675600027	4	2 50	
DULF, F.V., VODNAR, D.C., DULF, E.-H., TOSA, M.I. Total Phenolic Contents, Antioxidant Activities and Lipid Fractions from Berry Pomaces Obtained by Solid-State Fermentation of two <i>Sambucus</i> Species with <i>Aspergillus Niger</i> . Journal of Agricultural and Food Chemistry. 2015. 63(13):3489-500 (*corresponding author)	Record 17 of 19 Title: Enhancing the Bioconversion of Winery and Olive Mill Waste Mixtures into Lignocellulosytic Enzymes and Animal Feed by <i>Aspergillus uvarum</i> Using a Packed-Bed Bioreactor Author(s): Salgado, JM (Salgado, Jose Manuel); Abunhosa, L (Abunhosa, Luis); Venancio, A (Venancio, Armando); Dominguez, JM (Manuel Dominguez, Jose); Belo, I (Belo, Isabel) Source: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY. Volume: 63 Issue: 42 Pages: 9306-9314 DOI: 10.1021/acs.jafc.5b02131 Published: OCT 28 2015 Accession Number: WOS 000363916900011	4	2 50	
DULF, F.V., VODNAR, D.C., DULF, E.-H., TOSA, M.I. Total Phenolic Contents, Antioxidant Activities and Lipid Fractions from Berry Pomaces Obtained by Solid-State Fermentation of two <i>Sambucus</i> Species with <i>Aspergillus Niger</i> . Journal of Agricultural and Food Chemistry. 2015. 63(13):3489-500 (*corresponding author)	Record 19 of 19 Title: Evaluation of Bioactive Compounds from Flowers and Fruits of Black Elder (<i>Sambucus nigra</i> L.) Author(s): Socaci, SA (Socaci, Sonia A.); Farcas, AC (Farcas, Anca C.); Totiana, M (Totiana, Maria); Pop, C (Pop, Carmen); Jimborean, M (Jimborean, Mirela); Nagy, M (Nagy, Melinda) Source: BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY. Volume: 72 Issue: 2 Pages: 289-290 Published: 2015 Accession Number: WOS 000422194100031	4	2 50	

VODNAR, D.C., DULF, F.V., POP, O.L., SOCACIU, C. L (+)-lactic acid production by pellet-form <i>Rhizopus oryzae</i> NRRL 395 on biodiesel crude glycerol. <i>Microbial Cell Factories</i> . 2013. 12 92.	Record 8 of 19 Title: Biosynthesis of lactic acid in a membrane bioreactor for cleaner technology of polylactide production Author(s): Kuznetsov, A (Kuznetsov, A.); Beloded, A (Beloded, A.); Denunets, A (Denunets, A.); Grosheva, V (Grosheva, V.); Vakar, L (Vakar, L.); Kozlovskiy, R (Kozlovskiy, R.); Shvets, V (Shvets, V.) Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY Volume: 19 Issue: 3 Pages: 869-882 DOI: 10.1007/s10098-016-1275-z Published: APR 2017 Accession Number: WOS 000396267800018	4	2.50	
VODNAR, D.C., DULF, F.V., POP, O.L., SOCACIU, C. L (+)-lactic acid production by pellet-form <i>Rhizopus oryzae</i> NRRL 395 on biodiesel crude glycerol. <i>Microbial Cell Factories</i> . 2013. 12 92.	Record 11 of 19 Title: Enhanced effectiveness of <i>Rhizopus oryzae</i> by immobilization in a static bed fermentor for L-lactic acid production Author(s): Pimpong, V (Pimpong, Varunee); Ounaeb, S (Ounaeb, Siripom); Thiprasert, S (Thiprasert, Sitanan); Tokeng, V (Tokeng, Vasana); Sooksai, S (Sooksai, Sanitip); Boonsombat, R (Boonsombat, Ruethairat); Tanasupawat, S (Tanasupawat, Somboon); Assabumrungrat, S (Assabumrungrat, Sutichai); Thongchul, N (Thongchul, Nutha) Source: PROCESS BIOCHEMISTRY Volume: 52 Pages: 44-52 DOI: 10.1016/j.procbio.2016.09.020 Published: JAN 2017 Accession Number: WOS 000392774600005	4	2.50	
VODNAR, D.C., DULF, F.V., POP, O.L., SOCACIU, C. L (+)-lactic acid production by pellet-form <i>Rhizopus oryzae</i> NRRL 395 on biodiesel crude glycerol. <i>Microbial Cell Factories</i> . 2013. 12 92.	Record 12 of 19 Title: Microbial production of lactic acid: the latest development Author(s): Juturu, V (Juturu, Veeresh); Wu, JC (Wu, Jin Chuan) Source: CRITICAL REVIEWS IN BIOTECHNOLOGY Volume: 36 Issue: 6 Pages: 987-977 DOI: 10.3109/07388551.2015.1056305 Published: DEC 2016 Accession Number: WOS 000385731800001	4	2.50	
VODNAR, D.C., DULF, F.V., POP, O.L., SOCACIU, C. L (+)-lactic acid production by pellet-form <i>Rhizopus oryzae</i> NRRL 395 on biodiesel crude glycerol. <i>Microbial Cell Factories</i> . 2013. 12 92.	Record 13 of 19 Title: VALORIZATION OF CRUDE GLYCEROL FROM BIODIESEL PRODUCTION Author(s): Konstantinovic, SS (Konstantinovic, Sandra S.); Danilovic, BR (Danilovic, Bojana R.); Cinc, JT (Cinc, Jovan T.); Ilic, SB (Ilic, Slavica B.); Savic, DS (Savic, Dragisa S.); Veljkovic, VB (Veljkovic, Vlada B.) Source: Chemical Industry & Chemical Engineering Quarterly Volume: 22 Issue: 4 Pages: 461-489 DOI: 10.2298/CICEQ160303019K Published: OCT-DEC 2016 Accession Number: WOS 000392923800012	4	2.50	

VODNAR, D.C., DULF, F.V., POP, O.L., SOCACIU, C. L (+)-lactic acid production by pellet-form <i>Rhizopus oryzae</i> NRRL 395 on biodiesel crude glycerol. <i>Microbial Cell Factories</i> . 2013. 12 92.	Record 18 of 19 Title: L-Lactate Production from Biodiesel-Derived Crude Glycerol by Metabolically Engineered <i>Enterococcus faecalis</i> : Cytotoxic Evaluation of Biodiesel Waste and Development of a Glycerol-Inducible Gene Expression System Author(s): Doi, Y (Doi, Yuki) Source: APPLIED AND ENVIRONMENTAL MICROBIOLOGY Volume: 81 Issue: 6 Pages: 2082-2089 DOI: 10.1128/AEM.03418-14 Published: MAR 2015 Accession Number: WOS 000350554800023	4	2.50	
VODNAR, D.C., DULF, F.V., POP, O.L., SOCACIU, C. L (+)-lactic acid production by pellet-form <i>Rhizopus oryzae</i> NRRL 395 on biodiesel crude glycerol. <i>Microbial Cell Factories</i> . 2013. 12 92.	Record 19 of 19 Title: Influence of cadmium on lactic acid fermentation by <i>Rhizopus Oryzae</i> Author(s): Wu, MN (Wu, Meng-Nan); Xu, QY (Xu, Qing-Yun); Hu, JJ (Hu, Jia-Jun); Gao, MT (Gao, Min-Tian) Edited by: Zhou S, Patty A, Chen S Source: ADVANCES IN ENERGY SCIENCE AND EQUIPMENT ENGINEERING Pages: 445-450 Published: 2015 Accession Number: WOS 000377647700089	4	2.50	
VODNAR, D.C., PAUCEAN, A., DULF, F.V., SOCACIU, C. HPLC characterization of lactic acid formation and FTIR fingerprint of probiotic bacteria during fermentation processes. <i>Notulae Botanicae Horti Agrobotanici</i> . 2010. 38:109-113.	Record 1 of 18 Title: Mechanisms of Cellular Internalization of Quantum Dot (R) Conjugated Bone Formation Mimetic Peptide CK2-3 Author(s): Vratnasha, V (Vratnasha, Vratnasha); Booksh, K (Booksh, Karthi); Duncan, RL (Duncan, Randall L.); Nohre, A (Nohre, Anja) Source: NANOMATERIALS Volume: 8 Issue: 7 Article Number: 513 DOI: 10.3390/nano8070513 Published: JUL 2018 Accession Number: WOS 000442523100064	4	2.50	
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VODNAR, D.C., PAUCEAN, A., DULF, F.V., SOCACIU, C. HPLC characterization of lactic acid formation and FTIR fingerprint of probiotic bacteria during fermentation processes. <i>Notulae Botanicae Horti Agrobotanici</i> . 2010. 38:109-113.	Record 13 of 18 Title: Agricultural Residues as Feedstocks for Lactic Acid Fermentation Author(s): Pleissner, D (Pleissner, Daniel); Venus, J (Venus, Joachim) Edited by: Obare SO; Luque R Source: GREEN TECHNOLOGIES FOR THE ENVIRONMENT Book Series: ACS Symposium Series Volume: 1186 Pages: 247-263 Published: 2014 Accession Number: WOS 000349873600013	4	2.50	
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VODNAR, D.C., SOCACIU, C. Green tea increases the survival yield of <i>Bifidobacteria</i> in simulated gastrointestinal environment and during refrigerated conditions. Chemistry Central Journal 2012. 6 61	Record 4 of 16 Title: Microbiological characterization and functionality of set-type yogurt fermented with potential probiotic substrates <i>Lactobacillus ruminantium</i> and <i>Moraxella</i> L. leaf extracts Author(s): Oh, NS (Oh, Nam Su); Lee, JY (Lee, Ji Young); Joung, JY (Joung, Jae Yeon); Kim, KS (Kim, Kyung Su); Shin, YK (Shin, Yong Kook); Lee, KW (Lee, Kwang-Won); Kim, SH (Kim, Sae Hun); Oh, S (Oh, Sangnam); Kim, Y (Kim, Younghoon) Source: JOURNAL OF DAIRY SCIENCE Volume: 99 Issue: 8 Pages: 6014-6025 DOI: 10.3169/jds.2015-10814 Published: AUG 2016 Accession Number: WOS 000381642500004	2	5.00	
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VODNAR, D.C., SOCACIU, C., ROTAR, A.M., STANILA, A. Morphology, FTIR fingerprint and survivability of encapsulated lactic bacteria (<i>Streptococcus thermophilus</i> and <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>) in simulated gastric juice and intestinal juice. <i>International Journal of Food Science and Technology</i> . 2010. 45 (11):2345-2351.	Record 4 of 16 Title: beta-D-glucan as an enteric delivery vehicle for probiotics Author(s): Gani, A (Gani, Adi), Shah, A (Shah, Asima), Ahmad, M (Ahmad, Mudasir), Ashwar, BA (Ashwar Bilal Ahmad), Masood, FA (Masood, F. A) Source: <i>INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES</i> Volume: 106 Pages: 864-869 DOI: 10.1016/j.ibiomac.2017.08.093 Published: JAN 2018 Accession Number: WOS:000417661600097	4	2 50
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VODNAR, D.C., SOCACIU, C., ROTAR, A.M., STANILA, A. Morphology, FTIR fingerprint and survivability of encapsulated lactic bacteria (<i>Streptococcus thermophilus</i> and <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>) in simulated gastric juice and intestinal juice. <i>International Journal of Food Science and Technology</i> . 2010. 45 (11):2345-2351	Record 6 of 16 Title: Application of multicriteria decision technique to determine optimum sodium alginate concentration for microencapsulation of <i>Lactobacillus casei</i> Shirota by extrusion and emulsification Author(s): Gul, O (Gul, Osman); Dervisoglu, M (Dervisoglu, Muhammet) Source: <i>JOURNAL OF FOOD PROCESS ENGINEERING</i> Volume: 40 Issue: 3 Article Number: UNSP e12481 DOI: 10.1111/jfpe.12481 Published: JUN 2017 Accession Number: WOS:000400153500053	4	2 50
VODNAR, D.C., SOCACIU, C., ROTAR, A.M., STANILA, A. Morphology, FTIR fingerprint and survivability of encapsulated lactic bacteria (<i>Streptococcus thermophilus</i> and <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>) in simulated gastric juice and intestinal juice. <i>International Journal of Food Science and Technology</i> . 2010. 45 (11):2345-2351	Record 7 of 16 Title: A novel soybean flour as a cryoprotectant in freeze-dried <i>Bacillus subtilis</i> SB-MYP-1 Author(s): Mahdianan, T (Mahdianan, Thilikorn), Gasiluck, P (Gasiluck, Piyawan), Eumkeb, G (Eumkeb, Gingsak) Source: <i>LWT-FOOD SCIENCE AND TECHNOLOGY</i> Volume: 77 Pages: 152-159 DOI: 10.1016/j.lwt.2016.11.015 Published: APR 2017 Accession Number: WOS:000392769200021	4	2 50

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VODNAR, D.C., SOCACIU, C., ROTAR, A.M., STANILA, A. Morphology, FTIR fingerprint and survivability of encapsulated lactic bacteria (<i>Streptococcus thermophilus</i> and <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>) in simulated gastric juice and intestinal juice. <i>International Journal of Food Science and Technology</i> . 2010. 45 (11) 2345-2351	Record 15 of 16 Title: Differentiation in MALDI-TOF MS and FTIR spectra between two closely related species <i>Acidovorax oryzae</i> and <i>Acidovorax citrulli</i> Author(s): Wang, YL (Wang, Yanli), Zhou, Q (Zhou, Qing), Li, B (Li, Bin), Liu, BP (Liu, Baoping), Wu, GX (Wu, Guoxing), Ibrahim, M (Ibrahim, Muhammad), Xie, GL (Xie, Guanlin), Li, HY (Li, Hongye), Sun, GC (Sun, Guochang) Source: BMC MICROBIOLOGY Volume: 12 Article Number: 182 DOI: 10.1186/1471-2180-12-182 Published: AUG 18 2012 Accession Number: WOS 000306565800001	4	2.50	
VODNAR, D.C., SOCACIU, C., ROTAR, A.M., STANILA, A. Morphology, FTIR fingerprint and survivability of encapsulated lactic bacteria (<i>Streptococcus thermophilus</i> and <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>) in simulated gastric juice and intestinal juice. <i>International Journal of Food Science and Technology</i> . 2010. 45 (11) 2345-2351	Record 16 of 16 Title: Identification of Yougui and Jisheng Shengqi Pills with FTIR and EDS Fingerprint Spectra by New Visual Comparison Author(s): Wang, LS (Wang Li-shuang), Zou, HB (Zou Hua-bin), Tian, F (Tian Fang), Du, AQ (Du Ai-qin), Dong, FJ (Dong Feng-juan), Zhang, XL (Zhang Xin-ling) Source: SPECTROSCOPY AND SPECTRAL ANALYSIS Volume: 31 Issue: 9 Pages: 2407-2411 DOI: 10.3964/jssn.1000-0593(2011)09-2407-05 Published: SEP 2011 Accession Number: WOS 000294797300022	4	2.50	
DULF, F.V., UNGURESAN, M.L., VODNAR, D.C., SOCACIU, C. Free and esterified sterol distribution in four Romanian vegetable oils. <i>Nouvae Botanicae Horti Agrobotanica</i> . 2010. 38 91-97.	Record 1 of 15 Title: Sea buckthorn juice, tomato juice and pumpkin oil microcapsules/microspheres with health benefit on prostate disease - obtaining process, characterization and testing properties Author(s): Csematoni, F (Csematoni, Flornia), Pop, RM (Pop, Raluca Maria), Romadu, F (Romadu, Florina), Felea, F (Felea, Flornela), Pop, O (Pop, Oana), Socaciu, C (Socaciu, Camen) Source: ROMANIAN BIOTECHNOLOGICAL LETTERS Volume: 23 Issue: 1 Pages: 13214-13224 Published: JAN-FEB 2016 Accession Number: WOS 000429181000003	4	2.50	
DULF, F.V., UNGURESAN, M.L., VODNAR, D.C., SOCACIU, C. Free and esterified sterol distribution in four Romanian vegetable oils. <i>Nouvae Botanicae Horti Agrobotanica</i> . 2010. 38 91-97.	Record 3 of 15 Title: Nutritional composition, extraction, and utilization of wheat germ oil: A review Author(s): Charloir, K (Charloir, Kashif), Ozcan, MM (Ozcan, Mehmet Musa), Al-Juhaimi, F (Al-Juhaimi, Fahad), Babiker, EE (Babiker, Elfadi E.), Sarker, ZI (Sarker, Zakul Islam), Ahmed, IAM (Ahmed, Isam A. Mohamed), Ahmed, MA (Ahmed, Mohammed Asif) Source: EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY Volume: 119 Issue: 7 Article Number: 1600160 DOI: 10.1002/eqtl.201600160 Published: JUL 2017 Accession Number: WOS 000407034700001	4	2.50	

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DULF, F.V., UNGURESAN, M.L., VODNAR, D.C., SOCACIU, C. Free and esterified sterol distribution in four Romanian vegetable oils. <i>Notulae Botanicae Horti Agrobotanici</i> . 2010. 38 91-97.	Record 12 of 15 Title: Preparation and comparative characterization of alginate-made microcapsules and microspheres containing tomato, seabuckthorn juices and pumpkin oil Author(s): Csémati, F (Csémati, Flóra); Pop, R (Pop, Raluca); Romancu, F (Romancu, Florina); Pop, O (Pop, Oana); Fetea, F (Fetea, Flornela); Ranga, F (Ranga, Florica); Mos, RB (Mos, Ramona Bianca); Socaci, C (Socaci, Carmen) Source: BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY Volume: 72 Issue: 1 Pages: 56-64 DOI: 10.15835/buasvmcn-1st.11044 Published: 2015 Accession Number: WOS 000422190500008	4	2 50	
DULF, F.V., UNGURESAN, M.L., VODNAR, D.C., SOCACIU, C. Free and esterified sterol distribution in four Romanian vegetable oils. <i>Notulae Botanicae Horti Agrobotanici</i> . 2010. 38 91-97.	Record 13 of 15 Title: Major fatty acids composition of 32 almond (<i>Prunus dulcis</i> [Mill.] D.A. Webb) genotypes distributed in East and Southeast of Anatolia Author(s): Karalay, H (Karalay, Huseyin); Sahin, A (Sahin, Ahmet); Yilmaz, O (Yilmaz, Okkes); Aslan, A (Aslan, Abdullah) Source: TURKISH JOURNAL OF BIOCHEMISTRY-TURK BİYOKİMYA DERGİSİ Volume: 39 Issue: 3 Pages: 307-316 DOI: 10.5505/tjb.2014.55477 Published: 2014 Accession Number: WOS 000346146200009	4	2 50	
DULF, F.V., UNGURESAN, M.L., VODNAR, D.C., SOCACIU, C. Free and esterified sterol distribution in four Romanian vegetable oils. <i>Notulae Botanicae Horti Agrobotanici</i> . 2010. 38 91-97	Record 14 of 15 Title: Analysis of free phyosterols/sterols and their intact fatty acid and phenolic acid esters in various corn cultivars Author(s): Esche, R (Esche, Rebecca); Scholz, B (Scholz, Birgit); Engel, KH (Engel, Karl-Heinz) Source: JOURNAL OF CEREAL SCIENCE Volume: 58 Issue: 2 Pages: 333-340 DOI: 10.1016/j.jcs.2013.07.011 Published: SEP 2013 Accession Number: WOS 000325303900018	4	2 50	
DULF, F.V., UNGURESAN, M.L., VODNAR, D.C., SOCACIU, C. Free and esterified sterol distribution in four Romanian vegetable oils. <i>Notulae Botanicae Horti Agrobotanici</i> . 2010. 38 91-97.	Record 15 of 15 Title: Phyosterol Variability in Almond Germplasm Author(s): Fernandez-Cuesla, A (Fernandez-Cuesla, Alvaro); Kodad, O (Kodad, Ossama); Company, RSI (Socas i Company, Rale); Velasco, L (Velasco, Leonardo) Source: JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE Volume: 137 Issue: 5 Pages: 343-348 Published: SEP 2012 Accession Number: WOS 000309024600010	4	2 50	

VODNAR, D.C., SOCACIU, C. Selenium enriched green tea increase stability of L. casei and L. plantarum in chitosan coated alginate microcapsules during exposure to simulated gastrointestinal and refrigerated conditions. LWT - Food Science and Technology. 2014. 57(1):406-411	Record 6 of 14 Title: In Vitro Release Kinetics of Microencapsulated Materials and the Effect of the Food Matrix Author(s): Flores, FP (Flores, Florendo P.); Kong, F (Kong, Fanbin) Edited by: Doyle MP; Klaenhammer TR Source: ANNUAL REVIEW OF FOOD SCIENCE AND TECHNOLOGY, VOL 8 Book Series: Annual Review of Food Science and Technology Volume: 8 Pages: 237-259 DOI: 10.1146/annurev-food-030216-025720 Published: 2017 Accession Number: WOS 000396053200012	2	5.00	
VODNAR, D.C., SOCACIU, C. Selenium enriched green tea increase stability of L. casei and L. plantarum in chitosan coated alginate microcapsules during exposure to simulated gastrointestinal and refrigerated conditions. LWT - Food Science and Technology. 2014. 57(1):406-411	Record 7 of 14 Title: Probiotic and antioxidant properties of selenium-enriched <i>Lactobacillus brevis</i> LSe isolated from an Iranian traditional dairy product Author(s): Shakkibaie, M (Shakibaie, Mojtaba); Mohammadi-Khorsand, T (Mohammadi-Khorsand, Tayeb); Adeli-Sardou, M (Adeli-Sardou, Mahboubeh); Jalani, M (Jalani, Mandana); Amirpour-Rostami, S (Amirpour-Rostami, Sahar); Ameri, A (Ameri, Ali); Foroutanfar, H (Foroutanfar, Hamid) Source: JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY Volume: 40 Pages: 1-9 DOI: 10.1016/j.jtmb.2016.11.013 Published: 2017 Accession Number: WOS 000394401000001	2	5.00	
VODNAR, D.C., SOCACIU, C. Selenium enriched green tea increase stability of L. casei and L. plantarum in chitosan coated alginate microcapsules during exposure to simulated gastrointestinal and refrigerated conditions. LWT - Food Science and Technology. 2014. 57(1):406-411	Record 8 of 14 Title: Evaluation of dried yacon (<i>Smallanthus sonchifolius</i>) as an efficient probiotic carrier of <i>Lactobacillus casei</i> LC-01 Author(s): Leone, RD (Leone, Roberta de Souza); de Andrade, EF (de Andrade, Enel Foville); Ellenderson, LN (Ellenderson, Luciana Neves); da Cunha, AT (da Cunha, Amanda Tais); Martins, AMC (Chupel Martins, Ana Maria); Granato, D (Granato, Daniel); Masson, ML (Masson, Maria Lucia) Source: LWT-FOOD SCIENCE AND TECHNOLOGY Volume: 75 Pages: 220-226 DOI: 10.1016/j.lwt.2016.08.027 Published: JAN 2017 Accession Number: WOS 000387518800029	2	5.00	
VODNAR, D.C., SOCACIU, C. Selenium enriched green tea increase stability of L. casei and L. plantarum in chitosan coated alginate microcapsules during exposure to simulated gastrointestinal and refrigerated conditions. LWT - Food Science and Technology. 2014. 57(1):406-411	Record 10 of 14 Title: Co-encapsulation of <i>Lactobacillus helveticus</i> cells and green tea extract: Influence on cell survival in simulated gastrointestinal conditions Author(s): Gaudreau, H (Gaudreau, Helene); Champagne, CP (Champagne, Claude P.); Remondetto, GE (Remondetto, Gabriel E.); Gomma, A (Gomma, Ahmed); Subirade, M (Subirade, Muriel) Source: JOURNAL OF FUNCTIONAL FOODS Volume: 26 Pages: 451-459 DOI: 10.1016/j.jff.2016.08.002 Published: OCT 2016 Accession Number: WOS 000386193400041	2	5.00	

VODNAR, D.C., VENUS, J., SCHNEIDER, R., SOCACIU, C. Lactic acid production by <i>Lactobacillus paracasei</i> 168 in discontinuous fermentation using lucerne green juice as nutrient substitute. Chemical Engineering and Technology. 2010. 33:468–474.	Record 4 of 14 Title: Biosynthesis of lactic acid in a membrane bioreactor for cleaner technology of polylactide production Author(s): Kuznetsov, A (Kuznetsov, A.); Beloded, A (Beloded, A.); Denunets, A (Denunets, A.); Grosheva, V (Grosheva, V.); Vakar, L (Vakar, L.); Kozlovskiy, R (Kozlovskiy, R.); Shvets, V (Shvets, V.) Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY Volume: 19 Issue: 3 Pages: 869-882 DOI: 10.1007/s10098-016-1275-z Published: APR 2017 Accession Number: WOS:000398267900018	4	2.50	
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STAN, M., POPA, A., TOLOMAN, D., SILIPAS, T.-D., VOONAR, D.C. Antibacterial and Antioxidant Activities of ZnO Nanoparticles Synthesized Using Extracts of <i>Allium sativum</i> , <i>Rosmarinus officinalis</i> and <i>Ocimum basilicum</i> . <i>Acta Metallurgica Sinica (English Letters)</i> . 2016, 29 228-236.	Record 3 of 13 Title: Evaluation of antibacterial and antioxidant potential of the zinc oxide nanoparticles synthesized by aqueous and polyol method Author(s): Soren, S (Soren, Siba); Kumar, S (Kumar, Sanjeet); Mishra, S (Mishra, Sanjib); Jena, PK (Jena, Padan K.); Verma, SK (Verma, Satish K.); Parhi, P (Parhi, Punendu) Source: MICROBIAL PATHOGENESIS Volume: 119 Pages: 145-151 DOI: 10.1016/j.micpath.2018.03.048 Published: JUN 2018 Accession Number: WOS:000436385300022	5	2 00	
STAN, M., POPA, A., TOLOMAN, D., SILIPAS, T.-D., VOONAR, D.C. Antibacterial and Antioxidant Activities of ZnO Nanoparticles Synthesized Using Extracts of <i>Allium sativum</i> , <i>Rosmarinus officinalis</i> and <i>Ocimum basilicum</i> . <i>Acta Metallurgica Sinica (English Letters)</i> . 2016, 29 228-236.	Record 4 of 13 Title: Chitosan Coatings Containing Mentha spicata Essential Oil and Zinc Oxide Nanoparticle for Shelf Life Extension of Rainbow Trout Fillets Author(s): Shahbazi, Y (Shahbazi, Yasser); Shavisi, N (Shavisi, Nassim) Source: JOURNAL OF AQUATIC FOOD PRODUCT TECHNOLOGY Volume: 27 Issue: 9 Pages: 986-997 DOI: 10.1080/10498850.2018.1518945 Published: 2018 Accession Number: WOS:000449521600005	5	2 00	
STAN, M., POPA, A., TOLOMAN, D., SILIPAS, T.-D., VOONAR, D.C. Antibacterial and Antioxidant Activities of ZnO Nanoparticles Synthesized Using Extracts of <i>Allium sativum</i> , <i>Rosmarinus officinalis</i> and <i>Ocimum basilicum</i> . <i>Acta Metallurgica Sinica (English Letters)</i> . 2016, 29 228-236.	Record 6 of 13 Title: Ameliorative effect of biotabricated ZnO nanoparticles of <i>Tranthema portulacastrum</i> Linn. on dermal wounds via removal of oxidative stress and inflammation Author(s): Yadav, E (Yadav, Ekta); Singh, D (Singh, Deepika); Yadav, P (Yadav, Pankaj Kumar); Verma, A (Verma, Anita) Source: RSC ADVANCES Volume: 8 Issue: 38 Pages: 21621-21635 DOI: 10.1039/c6ra03500h Published: 2018 Accession Number: WOS:000435576500059	5	2 00	
STAN, M., POPA, A., TOLOMAN, D., SILIPAS, T.-D., VOONAR, D.C. Antibacterial and Antioxidant Activities of ZnO Nanoparticles Synthesized Using Extracts of <i>Allium sativum</i> , <i>Rosmarinus officinalis</i> and <i>Ocimum basilicum</i> . <i>Acta Metallurgica Sinica (English Letters)</i> . 2016, 29 228-236.	Record 7 of 13 Title: Natural Nanoparticles: A Particular Matter Inspired by Nature Author(s): Griffin, S (Griffin, Sharon); Masood, MI (Masood, Muhammad Irfan); Nasim, MJ (Nasim, Muhammad Jawad); Sanraz, M (Sanraz, Muhammad); Ebokaawe, AP (Ebokaawe, Azubike Peter); Schafer, KH (Schafer, Karl-Herbert); Keck, CM (Keck, Cornelia M.); Jacob, C (Jacob, Claus) Source: ANTIOXIDANTS Volume: 7 Issue: 1 Article Number: 3 DOI: 10.3390/antiox7010003 Published: JAN 2018 Accession Number: WOS:000424094700003	5	2 00	
STAN, M., POPA, A., TOLOMAN, D., SILIPAS, T.-D., VOONAR, D.C. Antibacterial and Antioxidant Activities of ZnO Nanoparticles Synthesized Using Extracts of <i>Allium sativum</i> , <i>Rosmarinus officinalis</i> and <i>Ocimum basilicum</i> . <i>Acta Metallurgica Sinica (English Letters)</i> . 2016, 29 228-236.	Record 8 of 13 Title: Green Route Biosynthesis of Shape-Tunable ZnO Nanostructures and Their Photocatalytic Applications Author(s): Phukan, S (Phukan, Shreemoyee); Borjien, P (Borjien, Peto); Shripathi, T (Shripathi, Thoudiraja); Rashid (Rashid) Source: CHEMISTRYSELECT Volume: 2 Issue: 34 Pages: 11137-11147 DOI: 10.1002/ckl.201702266 Published: DEC 1 2017 Accession Number: WOS:000417743100026	5	2 00	

STAN, M., POPA, A., TOLOMAN, D., SILIPAS, T.-D., VODNAR, D.C. Antibacterial and Antioxidant Activities of ZnO Nanoparticles Synthesized Using Extracts of <i>Alium sativum</i> , <i>Rosmarinus officinalis</i> and <i>Oedum basilicum</i> . <i>Acta Metallurgica Sinica (English Letters)</i> . 2016, 29:228-236.	Record 13 of 13 Title: Improved sensing response of photo activated ZnO thin film for hydrogen peroxide detection Author(s): Parthasarathy, S (Parthasarathy, S.); Nandhini, V (Nandhini, V.); Jayaprakash, BG (Jayaprakash, B. G.) Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE Volume: 482 Pages: 81-88 DOI: 10.1016/j.jcis.2016.07.066 Published: NOV 15 2016 Accession Number: WOS 000383305700009	5	2.00	
MAGYARI, K., STEFAN, R., VODNAR, D.C., VULPOI, A., BAI, L. The silver influence on the structure and antibacterial properties of the bioactive 10B2O3-30Na2O-60P2O5 glass. <i>Journal of Non-Crystalline Solids</i> . 2014, 402:182-186.	Record 1 of 13 Title: New calcium-free Na2O-Al2O3-P2O5 bioactive glasses with potential applications in bone tissue engineering Author(s): Jeznach, O (Jeznach, Oliwia); Gajc, M (Gajc, Marcin); Korzeb, K (Korzeb, Karolina); Kłos, A (Kłos, Andrzej); Orłowski, K (Orłowski, Krzysztof); Stepien, R (Stepien, Ryszard); Krok-Borkowicz, M (Krok-Borkowicz, Małgorzata); Rumian, L (Rumian, Lucja); Pietryga, K (Pietryga, Krzysztof); Reczynska, K (Reczynska, Katarzyna); Pamula, E (Pamula, Elzbieta); Pawlak, DA (Pawlak, Dorota A.) Source: JOURNAL OF THE AMERICAN CERAMIC SOCIETY Volume: 101 Issue: 2 Pages: 602-611 DOI: 10.1111/jace.15216 Published: FEB 2018 Accession Number: WOS 000416933700014	5	2.00	
MAGYARI, K., STEFAN, R., VODNAR, D.C., VULPOI, A., BAI, L. The silver influence on the structure and antibacterial properties of the bioactive 10B2O3-30Na2O-60P2O5 glass. <i>Journal of Non-Crystalline Solids</i> . 2014, 402:182-186.	Record 2 of 13 Title: Formation of apatite nano-needles on novel gel derived SiO2-P2O5-CaO-SrO-Ag2O bioactive glasses Author(s): Sharifianjazi, F (Sharifianjazi, Fariborz); Parvizi, N (Parvizi, Nader); Taheri, M (Taheri, Mohammadreza) Source: CERAMICS INTERNATIONAL Volume: 43 Issue: 17 Pages: 15214-15220 DOI: 10.1016/j.ceramint.2017.08.056 Published: DEC 1 2017 Accession Number: WOS 000413137620000	5	2.00	
MAGYARI, K., STEFAN, R., VODNAR, D.C., VULPOI, A., BAI, L. The silver influence on the structure and antibacterial properties of the bioactive 10B2O3-30Na2O-60P2O5 glass. <i>Journal of Non-Crystalline Solids</i> . 2014, 402:182-186.	Record 3 of 13 Title: Multifunctional bioactive glass and glass-ceramic biomaterials with antibacterial properties for repair and regeneration of bone tissue Author(s): Fernandes, JS (Fernandes, Joao S.); Gentile, P (Gentile, Piergiorgio); Pres, RA (Pres, Ricardo A.); Reis, RL (Reis, Rui L.); Hatton, PV (Hatton, Paul V.) Source: ACTA BIOMATERIALIA Volume: 59 Pages: 2-11 DOI: 10.1016/j.actbio.2017.08.046 Published: SEP 1 2017 Accession Number: WOS 000408179300001	5	2.00	
MAGYARI, K., STEFAN, R., VODNAR, D.C., VULPOI, A., BAI, L. The silver influence on the structure and antibacterial properties of the bioactive 10B2O3-30Na2O-60P2O5 glass. <i>Journal of Non-Crystalline Solids</i> . 2014, 402:182-186.	Record 4 of 13 Title: Engineering the surface functionality of 45S5 bioactive glass-based scaffolds by the heterogeneous nucleation and growth of silver particles Author(s): Meincke, T (Meincke, Thomas); Pacheco, VM (Pacheco, Valentina Miguez); Hoffmann, D (Hoffmann, Daniel); Boccacini, AR (Boccacini, Aldo R.); Taylor, RNK (Taylor, Robin N. Klupp) Source: JOURNAL OF MATERIALS SCIENCE Volume: 52 Issue: 15 Special Issue: SI Pages: 9082-9090 DOI: 10.1007/s10853-017-0877-0 Published: AUG 2017 Accession Number: WOS 000401858700027	5	2.00	

MAGYARI, K., STEFAN, R., VODNAR, D.C., VULPOI, A., BALA, L. The silver influence on the structure and antibacterial properties of the bioactive 10B2O3-30Na2O-60P2O5 glass. <i>Journal of Non-Crystalline Solids</i> . 2014. 402:182-186.	Record 12 of 13 Title: SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF STRONTIUM CONTAINING BIOACTIVE GLASSES Author(s): Steiner, M (Steiner, Maria); Veres, R (Veres, Rozalia); Simon, V (Simon, Viorica) Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA. Volume: 60 Issue: 2. Pages: 321-329 Published: JUN 2015 Accession Number: WOS 000369161800030	5	2 00	
MAGYARI, K., STEFAN, R., VODNAR, D.C., VULPOI, A., BALA, L. The silver influence on the structure and antibacterial properties of the bioactive 10B2O3-30Na2O-60P2O5 glass. <i>Journal of Non-Crystalline Solids</i> . 2014. 402:182-186.	Record 13 of 13 Title: Bioactivity evolution of calcium-free borophosphate glass with addition of titanium dioxide Author(s): Magyari, K (Magyari, Klara); Stefan, R (Stefan, Razvan); Vulpoi, A (Vulpoi, Adriana); Bala, L (Bala, Lucian) Source: JOURNAL OF NON-CRYSTALLINE SOLIDS. Volume: 410. Pages: 112-117. DOI: 10.1016/j.jnoncrysol.2014.11.033. Published: FEB 15 2015 Accession Number: WOS 000349726900018	5	2 00	
RUSU COLDEA, T Emilia, SOCACIU, C., PÂRV, M., VODNAR, D C. Gas-chromatographic analysis of major volatile compounds found in traditional fruit brandies from Transylvania, Romania. <i>Notulae Botanicae Horti Agrobotanici</i> . 2011. 39:109-116.	Record 1 of 12 Title: Production method and varietal source influence the volatile profiles of spirits prepared from fig fruits (Ficus carica L.) Author(s): Rodriguez-Solana, R (Rodriguez-Solana, Raquel); Galego, LR (Galego, Ludovica R.); Perez-Santin, E (Perez-Santin, Efrén); Romano, A (Romano, Anabela) Source: EUROPEAN FOOD RESEARCH AND TECHNOLOGY. Volume: 244. Issue: 12. Pages: 2213-2229. DOI: 10.1007/s00217-018-3131-3. Published: DEC 2018 Accession Number: WOS 000446540600014	4	2 50	
RUSU COLDEA, T Emilia, SOCACIU, C., PÂRV, M., VODNAR, D C. Gas-chromatographic analysis of major volatile compounds found in traditional fruit brandies from Transylvania, Romania. <i>Notulae Botanicae Horti Agrobotanici</i> . 2011. 39:109-116.	Record 2 of 12 Title: Characterization of volatile components in hop pellets using in-tube extraction GC-MS analysis Author(s): Salanta, LC (Salanta, Liana C.); Socaci, SA (Socaci, Sonia A.); Tolana, M (Tolana, Maria); Mudura, E (Mudura, Elena); Pop, CR (Pop, Carmen R.); Nagy, M (Nagy, Melinda); Odagiu, A (Odagiu, Antonia) Source: ROMANIAN BIOTECHNOLOGICAL LETTERS. Volume: 23. Issue: 2. Pages: 13541-13550. Published: MAR-APR 2018 Accession Number: WOS 000431317900021	4	2 50	
RUSU COLDEA, T Emilia, SOCACIU, C., PÂRV, M., VODNAR, D C. Gas-chromatographic analysis of major volatile compounds found in traditional fruit brandies from Transylvania, Romania. <i>Notulae Botanicae Horti Agrobotanici</i> . 2011. 39:109-116.	Record 3 of 12 Title: CHANGES IN THE PROFILE OF AROMA COMPOUNDS IN VITIS VINIFERA L. CV MERLOT FROM GRAPES TO WINE Author(s): Xu, SC (Xu, Shaochen); Zhu, JY (Zhu, Jiangyu); Zhao, Q (Zhao, Qi); Hardie, J (Hardie, James); Hu, BR (Hu, Boran) Source: BANGLADESH JOURNAL OF BOTANY. Volume: 46. Issue: 3. Pages: 1089-1098. Supplement: S. Published: SEP 2017 Accession Number: WOS 000422927600008	4	2 50	

RUSU COLDEA, T Emilia, SOCACIU, C., PÁRV, M., VODNAR, D.C. Gas-chromatographic analysis of major volatile compounds found in traditional fruit brandies from Transylvania, Romania. <i>Notulae Botanicae Horti Agrobotanici</i> . 2011. 39: 109-116.	Record 9 of 12 Title: ANTIOXIDANT CONTENT IN ROMANIAN TRADITIONAL DISTILLED ALCOHOLIC BEVERAGES Author(s): Muresan, B (Muresan, Bianca); Crinpoiu, C (Crinpoiu, Claudia); Hosu, A (Hosu, Anamaria); Bischiu, C (Bischiu, Cristina); Gal, E (Gal, Emese); Damian, G (Damian, Gergely); Fischer-Fodor, E (Fischer-Fodor, Eva); Slagiu-Dumitrescu, R (Slagiu-Dumitrescu, Radu) Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA. Volume: 60 Issue: 2 Pages: 355-370 Published: JUN 2015 Accession Number: WOS 000369161800033	4	2.50	
RUSU COLDEA, T Emilia, SOCACIU, C., PÁRV, M., VODNAR, D.C. Gas-chromatographic analysis of major volatile compounds found in traditional fruit brandies from Transylvania, Romania. <i>Notulae Botanicae Horti Agrobotanici</i> . 2011. 39: 109-116.	Record 10 of 12 Title: The flavour of fruit spirits and fruit liqueurs: a review Author(s): Slwinska, M (Slwinska, Magdalena); Wisniewska, P (Wisniewska, Paulina); Dymerski, T (Dymerski, Tomasz); Wardendki, W (Wardendki, Waldemar); Namiesnik, J (Namiesnik, Jerzy) Source: FLAVOUR AND FRAGRANCE JOURNAL. Volume: 30 Issue: 3 Pages: 197-207 DOI: 10.1002/ffl.3237 Published: MAY 2015 Accession Number: WOS 000352320500003	4	2.50	
RUSU COLDEA, T Emilia, SOCACIU, C., PÁRV, M., VODNAR, D.C. Gas-chromatographic analysis of major volatile compounds found in traditional fruit brandies from Transylvania, Romania. <i>Notulae Botanicae Horti Agrobotanici</i> . 2011. 39: 109-116.	Record 11 of 12 Title: Characterization of Volatile Oil Composition from Hulder Bitterer Hop Cones Variety Using In-Tube Extraction GC-MS Analysis Author(s): Salanta, LC (Salanta, Liana-Claudia); Toftana, M (Toftana, Maria); Socaci, S (Socaci, Sorai); Pop, C (Pop, Carmen); Pop, A (Pop, Anamaria); Cuceu, A (Cuceu, Ana) Source: BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY. Volume: 72 Issue: 1 Pages: 65-69 DOI: 10.15835/buasynchr-fst.11083 Published: 2015 Accession Number: WOS 000422190500009	4	2.50	
RUSU COLDEA, T Emilia, SOCACIU, C., PÁRV, M., VODNAR, D.C. Gas-chromatographic analysis of major volatile compounds found in traditional fruit brandies from Transylvania, Romania. <i>Notulae Botanicae Horti Agrobotanici</i> . 2011. 39: 109-116.	Record 12 of 12 Title: Rapid Quantitative Analysis of Ethanol and Prediction of Melhond Content in Traditional Fruit Brandies from Romania, using FTIR Spectroscopy and Chemometrics Author(s): Coldea, TE (Coldea, Teodora Emilia); Socaciu, C (Socaciu, Carmen); Felea, F (Felea, Florinela); Ranga, F (Ranga, Florinela); Pop, RM (Pop, Raluca Maria); Florea, M (Florea, Mira) Source: NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA. Volume: 41 Issue: 1 Pages: 143-149 Published: JAN-JUN 2013 Accession Number: WOS 000320141300019	4	2.50	
MOCAN, A., MOLDOVAN, C., ZENGİN, G., BENDER, O., LOCATELLI, M., SMIRGOTIS, M., ATALAY, A., VODNAR, D.C., ROHN, S. CRISAN, G. UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (<i>Lycium barbarum</i> L.) berries cultivars and their antioxidant, enzyme inhibitory and real-time cytotoxicological evaluation. <i>Food and Chemical Toxicology</i> . 2018. 115: 414-424.	Record 1 of 12 Title: Volatile components, pharmacological profile, and computational studies of essential oil from Aegle marmelos (Baet) leaves: A functional approach Author(s): Mahomoodally, MF (Mahomoodally, Mohamad Fawzi); Molica, A (Molica, Adriano); Stefanucci, A (Stefanucci, Azzurra); Ameerududdy, MZ (Ameerududdy, Muhammad Zakaryyah); Poomeeka, R (Poomeeka, Ramjulan); Zengin, G (Zengin, Gokhan) Source: INDUSTRIAL CROPS AND PRODUCTS. Volume: 126 Pages: 13-21 DOI: 10.1016/j.indcrop.2018.09.054 Published: DEC 15 2018	10	1.00	

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MOCAN, A., MOLDOVAN, C., ZENGIN, G., BENDER, O., LOCATELLI, M., SIMIRGIOTIS, M., ATALAY, A., VODNAR, D.C., ROHN, S., CRISAN, G. UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (<i>Lycium barbarum</i> L.) berries cultivars and their antioxidant, enzyme inhibitory and real-time cytotoxicological evaluation. Food and Chemical Toxicology. 2018. 115: 414-424.	Record 8 of 12 Title: In vitro antioxidant and antihypertensive compounds from <i>canu-camu</i> (<i>Myrciaria dubia</i> McVaugh, Myrtaceae) seed coat: A multivariate structure-activity study Author(s): Fidelis, M (Fidelis, Marina); Santos, JS (Santos, Janio Sousa); Escher, GB (Escher, Graziela Braguelto); do Carmo, MV (do Carmo, Mariana Vieira); Azevedo, L (Azevedo, Luciana); da Silva, MC (da Silva, Marcia Cristiana); Puhlik, P (Puhlik, Predrag); Granato, D (Granato, Daniel) Source: FOOD AND CHEMICAL TOXICOLOGY Volume: 120 Pages: 479-490 DOI: 10.1016/j.fct.2018.07.043 Published: OCT 2018 Accession Number: WOS:000447482200047	10	1.00	
MOCAN, A., MOLDOVAN, C., ZENGIN, G., BENDER, O., LOCATELLI, M., SIMIRGIOTIS, M., ATALAY, A., VODNAR, D.C., ROHN, S., CRISAN, G. UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (<i>Lycium barbarum</i> L.) berries cultivars and their antioxidant, enzyme inhibitory and real-time cytotoxicological evaluation. Food and Chemical Toxicology. 2018. 115: 414-424.	Record 9 of 12 Title: Ionic Liquid Solutions as a Green Tool for the Extraction and Isolation of Natural Products Author(s): Xiao, J (Xiao, Jiao); Chen, G (Chen, Gang); Li, N (Li, Ning) Source: MOLECULES Volume: 23 Issue: 7 Article Number: 1765 DOI: 10.3390/molecules23071765 Published: JUL 2018 Accession Number: WOS:000445301800288	10	1.00	
MOCAN, A., MOLDOVAN, C., ZENGIN, G., BENDER, O., LOCATELLI, M., SIMIRGIOTIS, M., ATALAY, A., VODNAR, D.C., ROHN, S., CRISAN, G. UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (<i>Lycium barbarum</i> L.) berries cultivars and their antioxidant, enzyme inhibitory and real-time cytotoxicological evaluation. Food and Chemical Toxicology. 2018. 115: 414-424.	Record 10 of 12 Title: Screening of Combinational Quality Markers for Natural Products by Metabolomics Coupled With Chemometrics: A Case Study on <i>Pollen Typhae</i> Author(s): Ding, MY (Ding, Mingyan); Jiang, Y (Jiang, Yan); Yu, XA (Yu, Xiant); Zhang, D (Zhang, Dong); Li, J (Li, Jin); Wang, H (Wang, Hui); Shen, JY (Shen, Jiayuan); Gao, XM (Gao, Xu-mei); Chang, YX (Chang, Yan-xu) Source: FRONTIERS IN PHARMACOLOGY Volume: 9 Article Number: 691 DOI: 10.3389/fphar.2018.00691 Published: JUN 27 2018 Accession Number: WOS:000435480000001	10	1.00	
MOCAN, A., MOLDOVAN, C., ZENGIN, G., BENDER, O., LOCATELLI, M., SIMIRGIOTIS, M., ATALAY, A., VODNAR, D.C., ROHN, S., CRISAN, G. UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (<i>Lycium barbarum</i> L.) berries cultivars and their antioxidant, enzyme inhibitory and real-time cytotoxicological evaluation. Food and Chemical Toxicology. 2018. 115: 414-424.	Record 11 of 12 Title: Anti-aging potential of tree nuts with a focus on the phytochemical composition, molecular mechanisms and thermal stability of major bioactive compounds Author(s): Rusu, ME (Rusu, Marius Emil); Gheldiu, AM (Gheldiu, Ana-Maria); Mocan, A (Mocan, Andrei); Vase, L (Vase, Laurian); Popa, DS (Popa, Daniela-Saveta) Source: FOOD & FUNCTION Volume: 9 Issue: 5 Pages: 2554-2575 DOI: 10.1039/c7fo01967j Published: MAY 1 2018 Accession Number: WOS:000433198000001	10	1.00	

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POPESCU, R. A., MAGYARI, K., VULPOI, A., TRANDAFIR, D. L., LICARETE, E., TODEA, M., ȘTEFAN, R., VOICA, C., VODNAR, D.C., SIMON, S., PAPUC, I., BAI, L. Bioactive and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials. Biomaterials Science. 2016. 4. 1252-1265.	Record 1 of 11 Title: New alginate-pullulan-bioactive glass composites with copper oxide for bone tissue regeneration trials Author(s): Popescu, RA (Popescu, Radu A.); Magyari, K (Magyari, Klara); Taulescu, M (Taulescu, Marian); Vulpoi, A (Vulpoi, Adriana); Berce, C (Berce, Cristian); Bogdan, S (Bogdan, Sionela); Telescu, C (Telescu, Cristina); Dreanca, A (Dreanca, Alexandra); Tudoran, O (Tudoran, Dana); Papuc, I (Papuc, Ionel); Baia, L (Baia, Lucian) Source: JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE. Volume: 12. Issue: 10. Pages: 2112-2121. DOI: 10.1002/jt.2746. Published: OCT 2018 Accession Number: WOS 000446539000110	12	0.83
POPESCU, R. A., MAGYARI, K., VULPOI, A., TRANDAFIR, D. L., LICARETE, E., TODEA, M., ȘTEFAN, R., VOICA, C., VODNAR, D.C., SIMON, S., PAPUC, I., BAI, L. Bioactive and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials. Biomaterials Science. 2016. 4. 1252-1265.	Record 2 of 11 Title: 3D-printed scaffolds with bioactive elements-induced photothermal effect for bone tumor therapy Author(s): Liu, YQ (Liu, Yaqin); Li, T (Li, Tao); Ma, HS (Ma, Hongshi); Zhai, D (Zhai, Dong); Deng, CJ (Deng, Cuijun); Wang, JW (Wang, Jinwu); Zhuo, SJ (Zhuo, Shangjun); Chang, J (Chang, Jiang); Wu, CT (Wu, Chenglei) Source: ACTA BIOMATERIALIA. Volume: 73. Pages: 531-546. DOI: 10.1016/j.actbio.2018.04.014. Published: JUN 2018 Accession Number: WOS 000436222600043	12	0.83
POPESCU, R. A., MAGYARI, K., VULPOI, A., TRANDAFIR, D. L., LICARETE, E., TODEA, M., ȘTEFAN, R., VOICA, C., VODNAR, D.C., SIMON, S., PAPUC, I., BAI, L. Bioactive and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials. Biomaterials Science. 2016. 4. 1252-1265.	Record 3 of 11 Title: The effect of Fe contents on the local structure and crystallization behavior of SiO ₂ -CaO-P ₂ O ₅ -Fe ₂ O ₃ glasses Author(s): Li, B (Li, Ben); Luo, WO (Luo, Wenqin); Wang, YY (Wang, Yongya); Zhang, YH (Zhang, Yanhui); Wu, HY (Wu, Haiyan) Source: JOURNAL OF MATERIALS SCIENCE. Volume: 53. Issue: 11. Pages: 8030-8038. DOI: 10.1007/s10853-018-2124-8. Published: JUN 2018 Accession Number: WOS 000427678800010	12	0.83
POPESCU, R. A., MAGYARI, K., VULPOI, A., TRANDAFIR, D. L., LICARETE, E., TODEA, M., ȘTEFAN, R., VOICA, C., VODNAR, D.C., SIMON, S., PAPUC, I., BAI, L. Bioactive and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials. Biomaterials Science. 2016. 4. 1252-1265.	Record 4 of 11 Title: Cu-doping of calcium phosphate bioceramics: From mechanism to the control of cytotoxicity Author(s): Gomes, S (Gomes, Sandrine); Vichery, C (Vichery, Charlotte); Descamps, S (Descamps, Stephanie); Martinez, H (Martinez, Herve); Kaur, A (Kaur, Amandeep); Jacobs, A (Jacobs, Aurelie); Nedelec, JM (Nedelec, Jean-Marie); Renaudin, G (Renaudin, Guillaume) Source: ACTA BIOMATERIALIA. Volume: 65. Pages: 462-474. DOI: 10.1016/j.actbio.2017.10.028. Published: JAN 2018 Accession Number: WOS 000418315900040	12	0.83

POPESCU, R. A., MAGYARI, K., VULPOI, A., TRANDAFIR, D. L., LICARETE, E., TODEA, M., ȘTEFAN, R., VOICA, C., VODNAR, D.C., SIMON, S., PAPUC, I., BAIU, L. Bioactive and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials. <i>Biomaterials Science</i> , 2016, 4:1252-1265.	Record 10 of 11 Title: Adipose-derived stem cell therapies for bone regeneration Author(s): Barba, M (Barba, Maria); Di Taranto, G (Di Taranto, Giuseppe); Lattanzi, W (Lattanzi, Wanda) Source: EXPERT OPINION ON BIOLOGICAL THERAPY Volume: 17 Issue: 6 Pages: 677-689 DOI: 10.1080/14712598.2017.1315403 Published: 2017 Accession Number: WOS:000402979500003	12	0.83	
POPESCU, R. A., MAGYARI, K., VULPOI, A., TRANDAFIR, D. L., LICARETE, E., TODEA, M., ȘTEFAN, R., VOICA, C., VODNAR, D.C., SIMON, S., PAPUC, I., BAIU, L. Bioactive and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials. <i>Biomaterials Science</i> , 2016, 4:1252-1265.	Record 11 of 11 Title: First-Row Transition Metal Doping in Calcium Phosphate Bioceramics: A Detailed Crystallographic Study Author(s): Renaudin, G (Renaudin, Guillaume); Gomes, S (Gomes, Sandrine); Nedelec, JM (Nedelec, Jean-Marie) Source: MATERIALS Volume: 10 Issue: 1 Article Number: 92 DOI: 10.3390/ma10010092 Published: JAN 2017 Accession Number: WOS:000394328200001	12	0.83	
MOCAN, A., VLASE, L., VODNAR, D.C., GHELDIU, A-M., OPREAN, R., CRISAN, G. Antioxidant, Antimicrobial Effects and Phenolic Profile of Lycium barbarum L. <i>Flowers. Molecules</i> 2015, 20(8): 15060-15071	Record 1 of 10 Title: Phenolic compounds profile, nutritional compounds and bioactive properties of Lycium barbarum L. A comparative study with stems and fruits Author(s): Pires, TCSP (Pires, Tania C. S. P.); Dias, MI (Dias, Maria Ines); Barros, L (Barros, Lilian); Calheta, RC (Calheta, Ricardo C.); Alves, MJ (Alves, Maria Jose); Santos-Buelga, C (Santos-Buelga, Celestino); Ferreira, ICFR (Ferreira, Isabel C. F. R.) Source: INDUSTRIAL CROPS AND PRODUCTS Volume: 122 Pages: 574-581 DOI: 10.1016/j.indcrop.2018.06.046 Published: OCT 15 2018 Accession Number: WOS:000442067300068	6	1.67	
MOCAN, A., VLASE, L., VODNAR, D.C., GHELDIU, A-M., OPREAN, R., CRISAN, G. Antioxidant, Antimicrobial Effects and Phenolic Profile of Lycium barbarum L. <i>Flowers. Molecules</i> 2015, 20(8): 15060-15071	Record 2 of 10 Title: ANTIMICROBIAL POTENTIAL OF ROMANIAN SPONTANEOUS FLORA A MINIREVIEW Author(s): Purcaru, T (Purcaru, Tomana); Digița, C (Digița, Camelia); Matei, F (Matei, Florentina) Source: SCIENTIFIC PAPERS-SERIES B-HORTICULTURE Volume: 62 Pages: 667-680 Published: 2018 Accession Number: WOS:000449533400110	6	1.67	
MOCAN, A., VLASE, L., VODNAR, D.C., GHELDIU, A-M., OPREAN, R., CRISAN, G. Antioxidant, Antimicrobial Effects and Phenolic Profile of Lycium barbarum L. <i>Flowers. Molecules</i> 2015, 20(8): 15060-15071	Record 3 of 10 Title: Suppressing Fusarium Crown and Root Rot infections and enhancing the growth of tomato plants by Lycium arabicum Schweinf. Ex Boiss. extracts Author(s): Nezi, A (Nezi, A.); Jabnoun-Khareddine, H (Jabnoun-Khareddine, H.); Ben Abdallah, RA (Ben Abdallah, R. Aydi); Ammar, N (Ammar, N.); Medinagh-Saidana, S (Medinagh-Saidana, S.); Haouala, R (Haouala, R.); Daami-Remadi, M (Daami-Remadi, M.) Source: SOUTH AFRICAN JOURNAL OF BOTANY Volume: 113 Pages: 288-299 DOI: 10.1016/j.sajb.2017.09.002 Published: NOV 2017 Accession Number: WOS:000416988100037	6	1.67	

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MOCAN, A., VLASE, L., VODNAR, D.C., GHELDIU, A.M., OPREAN, R., CRISAN, G. Antioxidant, Antimicrobial Effects and Phenolic Profile of <i>Lycium barbarum</i> L. Flowers. <i>Molecules</i> . 2015, 20(8): 15060-15071.	Record 10 of 10 Title: Synergistic Effects of <i>Potentilla fruticosa</i> L. Leaves Combined with Green Tea Polyphenols in a Variety of Oxidation Systems Author(s): Liu, ZH (Liu, Zehua); Luo, ZW (Luo, Zhiwen); Jia, CX (Jia, Caixia); Wang, DM (Wang, Dongmei); Li, DW (Li, Dengwu) Source: JOURNAL OF FOOD SCIENCE. Volume: 81 Issue: 5 Pages: C1091-C1101 DOI: 10.1111/1750-3841.13292 Published: MAY 2016 Accession Number: WOS:000378917300006	6	167
MOCAN, A., VLASE, L., ARSENE, A.L., VODNAR, D.C., BISCHIN, C., SILAGHI-DUMITRESCU, R., GHELDIU, A.M., OPREAN, R., CRISAN, G. HPLC/MS analysis of caffeic and chlorogenic acids from three Romanian <i>Veronica</i> species and their antioxidant and antimicrobial properties. <i>Farmacia</i> . 2015, 63 (6): 890-896.	Record 1 of 9 Title: Phenolic composition of oleuropein extract after enzymatic process by HPLC-MS and their antioxidant and antibacterial activities Author(s): Yuan, JJ (Yuan, Jiao-Jiao); Tu, JL (Tu, Jun-Ling); Qin, FGF (Qin, Frank G. F.); Xu, YJ (Xu, Yong-Jun); Li, B (Li, Bing) Source: JOURNAL OF FOOD BIOCHEMISTRY. Volume: 42 Issue: 3 Article Number: e12517 DOI: 10.1111/jfbc.12517 Published: JUN 2018 Accession Number: WOS:000435795200015	9	111
MOCAN, A., VLASE, L., ARSENE, A.L., VODNAR, D.C., BISCHIN, C., SILAGHI-DUMITRESCU, R., GHELDIU, A.M., OPREAN, R., CRISAN, G. HPLC/MS analysis of caffeic and chlorogenic acids from three Romanian <i>Veronica</i> species and their antioxidant and antimicrobial properties. <i>Farmacia</i> . 2015, 63 (6): 890-896.	Record 2 of 9 Title: The Reaction of Oxy Hemoglobin with Nitrite: Mechanism, Antioxidant-Modulated Effect, and Implications for Blood Substitute Evaluation Author(s): Hattazi, D (Hattazi, Denisa); Scutur, F (Scutur, Florina); Bischin, C (Bischin, Cristina); Mol, A (Mol, Augustin); Alita, AAA (Alita, Amr A. A.); Kongsted, J (Kongsted, Jacob); Silaghi-Dumitrescu, R (Silaghi-Dumitrescu, Radu) Source: MOLECULES. Volume: 23 Issue: 2 Article Number: 350 DOI: 10.3390/molecules23020350 Published: FEB 2018 Accession Number: WOS:000426436300130	9	111
MOCAN, A., VLASE, L., ARSENE, A.L., VODNAR, D.C., BISCHIN, C., SILAGHI-DUMITRESCU, R., GHELDIU, A.M., OPREAN, R., CRISAN, G. HPLC/MS analysis of caffeic and chlorogenic acids from three Romanian <i>Veronica</i> species and their antioxidant and antimicrobial properties. <i>Farmacia</i> . 2015, 63 (6): 890-896.	Record 3 of 9 Title: ANTIMICROBIAL POTENTIAL OF ROMANIAN SPONTANEOUS FLORA A MINIREVIEW Author(s): Purcaru, T (Purcaru, Tomina); Diguta, C (Diguta, Camelia); Malei, F (Malei, Florentina) Source: SCIENTIFIC PAPERS-SERIES B-HORTICULTURE. Volume: 62 Pages: 667-680 Published: 2018 Accession Number: WOS:000449533400110	9	111

MOCAN, A., VLASE, L., ARSENE, A.L., VODNAR, D.C., BISCHIN, C., SILAGHI-DUMITRESCU, R., GHELDIU, A.M., OPREAN, R., CRISAN, G. HPLCMS analysis of caffeic and chlorogenic acids from three romanian Veronica species and their antioxidant and antimicrobial properties. <i>Farmacia</i> . 2015. 63 (6):890-896	Record 9 of 9 Title: Lathyrus aureus and Lathyrus pratensis: characterization of phytochemical profiles by liquid chromatography-mass spectrometry, and evaluation of their enzyme inhibitory and antioxidant activities Author(s): Lorent-Martinez, E.J (Lorent-Martinez, E. J.); Ortega-Barrales, P (Ortega-Barrales, P.); Zengin, G (Zengin, G.); Uysal, S (Uysal, S.); Ceylan, R (Ceylan, R.); Güler, GÖ (Güler, G. O.); Mocan, A (Mocan, A.); Aktumsek, A (Aktumsek, A.) Source: RSC ADVANCES Volume 6 Issue 92 Pages: 88998-89006 DOI: 10.1039/c5ra17170b Published: 2016 Accession Number: WOS:000384441200001	9	1.11	
STANA, A., ENACHE, A., VODNAR, D.C., NASTASA, C., BENEDEC, D., IONUT, I., LOGIN, C., MARC, G., ONIGA, O., TIPERCIUC, B. New Thiazolyl-triazole Schiff Bases: Synthesis and Evaluation of the Anti-Candida Potential. <i>Molecules</i> 2016, 21(11), 1595.	Record 1 of 8 Title: Natural products as sources of new fungicides (V): Design and synthesis of acetophenone derivatives against phytopathogenic fungi in vitro and in vivo Author(s): Dan, WJ (Dan, Wen-Jia); Tuong, TML (Thi-Mai-Luong Tuong); Wang, DC (Wang, Da-Cheng); Li, D (Li, Ding); Zhang, AL (Zhang, An-Ling); Gao, JM (Gao, Jin-Ming) Source: BIOORGANIC & MEDICINAL CHEMISTRY LETTERS Volume: 28 Issue: 17 Pages: 2861-2864 DOI: 10.1016/j.bmcl.2018.07.031 Published: SEP 15 2018 Accession Number: WOS:000441514700010	10	1.00	
STANA, A., ENACHE, A., VODNAR, D.C., NASTASA, C., BENEDEC, D., IONUT, I., LOGIN, C., MARC, G., ONIGA, O., TIPERCIUC, B. New Thiazolyl-triazole Schiff Bases: Synthesis and Evaluation of the Anti-Candida Potential. <i>Molecules</i> 2016, 21(11), 1595.	Record 4 of 8 Title: Synthesis, Molecular Docking Studies, In Vitro Antimicrobial and Antifungal Activities of Novel Peptide Derivatives Based on N-(2-(2-Hydrazinyl-2-oxoethylamino)-2-oxoethyl)-Nicotinamide Author(s): Moustafa, G (Moustafa, Gaber); Khalaf, H (Khalaf, Hernal); Nagah, A (Nagah, Ahmed); Al-Wasdi, A (Al-Wasdi, Asma); Al-Jafar, N (Al-Jafar, Nawal); Awad, H (Awad, Hassan) Source: MOLECULES Volume: 23 Issue: 4 Article Number: 761 DOI: 10.3390/molecules23040761 Published: APR 2018 Accession Number: WOS:000434717300053	10	1.00	
STANA, A., ENACHE, A., VODNAR, D.C., NASTASA, C., BENEDEC, D., IONUT, I., LOGIN, C., MARC, G., ONIGA, O., TIPERCIUC, B. New Thiazolyl-triazole Schiff Bases: Synthesis and Evaluation of the Anti-Candida Potential. <i>Molecules</i> 2016, 21(11), 1595.	Record 6 of 8 Title: Synthesis and Anticandidal Activity Evaluation of New Benzimidazole-Thiazole Derivatives Author(s): Kaplancik, ZA (Kaplancik, Zafer Asim); Levent, S (Levent, Serkan); Osmay, D (Osmay, Derya); Sagik, BN (Sagik, Begum Nurpek); Cevik, UA (Cevik, Ulviye Acar); Cavusoglu, BK (Cavusoglu, Belul Kaya); Ozkay, Y (Ozkay, Yusuf); Igin, S (Igin, Sinem) Source: MOLECULES Volume: 22 Issue: 12 Article Number: 2051 DOI: 10.3390/molecules22122051 Published: DEC 2017 Accession Number: WOS:000419242400021	10	1.00	

TOIU, A., VLASE, L., DRAGOI, C.M., VODNAR, D., ONIGA, I. Phytochemical analysis, antioxidant and antibacterial activities of Hypericum Humifusum l. (Hypericaceae). Farmacia, 2016, 65 (5): 663-667.	Record 4 of 8 Title: DRY ROSE PETAL EXTRACTS AND COMPRESSED LOZENGES: FORMULATION AND NIR - CHEMOMETRIC QUANTIFICATION OF ACTIVE PRINCIPLES Author(s): Gavan, A (Gavan, Alexandru); Tou, AM (Tou, Anca Maria); Tamas, M (Tamas, Mircea); Tomada, I (Tomada, Ioan) Source: FARMACIA Volume: 65 Issue: 4 Pages: 577- 583 Published: JUL-AUG 2017 Accession Number: WOS:000407409500015	5	2.00	
TOIU, A., VLASE, L., DRAGOI, C.M., VODNAR, D., ONIGA, I. Phytochemical analysis, antioxidant and antibacterial activities of Hypericum Humifusum l. (Hypericaceae). Farmacia, 2016, 65 (5): 663-667.	Record 6 of 8 Title: ALTERNATIVE THERAPIES IN GASTRIC HYPERSECRETION Author(s): Mairan, IM (Mairan, Iina Mhaele); Farcas, A (Farcas, Andreea); Bojita, M (Bojita, Manus); Dumitrascu, DI (Dumitrascu, Dan L.) Source: FARMACIA Volume: 65 Issue: 3 Pages: 323- 328 Published: MAY-JUN 2017 Accession Number: WOS:000404325600001	5	2.00	
TOIU, A., VLASE, L., DRAGOI, C.M., VODNAR, D., ONIGA, I. Phytochemical analysis, antioxidant and antibacterial activities of Hypericum Humifusum l. (Hypericaceae). Farmacia, 2016, 65 (5): 663-667.	Record 7 of 8 Title: POLYPHENOLIC PROFILE AND ANTIOXIDANT AND ANTIBACTERIAL ACTIVITIES FROM TWO TRIFOLIUM SPECIES Author(s): Hanganu, D (Hanganu, Daniela); Benedec, D (Benedec, Daniela); Vlase, L (Vlase, Laurian); Olah, N (Olah, Nel); Damian, G (Damian, Grigore); Silaghi- Dumitrascu, R (Silaghi-Dumitrascu, Radu); Mot, AC (Mot, Augustin C); Toma, CC (Toma, Claudia Ciana) Source: FARMACIA Volume: 65 Issue: 3 Pages: 449- 453 Published: MAY-JUN 2017 Accession Number: WOS:000404325600020	5	2.00	
TOIU, A., VLASE, L., DRAGOI, C.M., VODNAR, D., ONIGA, I. Phytochemical analysis, antioxidant and antibacterial activities of Hypericum Humifusum l. (Hypericaceae). Farmacia, 2016, 65 (5): 663-667.	Record 8 of 8 Title: DIURETIC AND ANTI-INFLAMMATORY EFFECTS OF A CRUDE STEROIDAL SAPONIN FROM THE RHIZOMES OF RUSCUS ACULEATUS L. IN RATS Author(s): Vostinaru, O (Vostinaru, Oliviu); Balica, G (Balica, Georgela); Parvu, AE (Parvu, Alina Elena); Mogosan, C (Mogosan, Cristina); Cazacu, I (Cazacu, Irina); Pop, C (Pop, Cristina); Tamas, M (Tamas, Mircea); Crisan, G (Crisan, Gleana) Source: FARMACIA Volume: 65 Issue: 3 Pages: 467- 471 Published: MAY-JUN 2017 Accession Number: WOS:000404325600023	5	2.00	
POP, O.L., BRANDAU, T., SCHWINN, J., VODNAR, D.C., SOCACIU, C. The influence of different polymers on viability of Bifidobacterium lactis 300b during encapsulation, freeze-drying and storage. Journal of Food Science and Technology 2015 52(7): 4148-4155.	Record 1 of 8 Title: Co-microencapsulation of Lactobacillus plantarum and DHA fatty acid in alginate-pectin-gelatin biocomposites Author(s): Vaziri, AS (Vaziri, Asma Sadat); Alemzadeh, I (Alemzadeh, Iran); Vossoughi, M (Vossoughi, Manouchehr); Khorasani, AC (Khorasani, Alireza Chackoshian) Source: CARBOHYDRATE POLYMERS Volume: 199 Pages: 266-275 DOI: 10.1016/j.carbpol.2018.07.002 Published: NOV 1 2018 Accession Number: WOS:000442348500030	5	2.00	

ROTAR, A.M., VODNAR, D.C., BUNGHEZ, F., CĂTUNESCU, G.M., POP, C.R., JIMBOREAN, M., SEMENIUC, C.A. Effect of Goji Berries and Honey on Lactic Acid Bacteria Viability and Shelf Life Stability of Yoghurt. <i>Notulae Botanicae Horti Agrobotanici</i>. 2015. 43(1): 196-203. (*corresponding author)	Record 1 of 8 Title: Physicochemical and microbial changes in yogurts produced under different pressure and temperature conditions Author(s): Lopes, RP (Lopes, Rita P.); Mota, MJ (Mota, Maria J.); Pinto, CA (Pinto, Carlos A.); Sousa, S (Sousa, Sérgio); da Silva, JAL (Lopes da Silva, Jose A.); Gomes, AM (Gomes, Ana M.); Delgadillo, I (Delgadillo, Inone); Saraiva, JA (Saraiva, Jorge A.) Source: LWT-FOOD SCIENCE AND TECHNOLOGY Volume 99 Pages: 423-430 DOI: 10.1016/j.lwt.2018.09.074 Published: JAN 2019 Accession Number: WOS:000450375100055	7	1.43	
ROTAR, A.M., VODNAR, D.C., BUNGHEZ, F., CĂTUNESCU, G.M., POP, C.R., JIMBOREAN, M., SEMENIUC, C.A. Effect of Goji Berries and Honey on Lactic Acid Bacteria Viability and Shelf Life Stability of Yoghurt. <i>Notulae Botanicae Horti Agrobotanici</i>. 2015. 43(1): 196-203. (*corresponding author)	Record 2 of 8 Title: Influence of probiotics, prebiotics, synbiotics and bioactive phytochemicals on the formulation of functional yogurt Author(s): Fazilah, NF (Fazilah, Nural Farhana); Anif, AB (Anif, Abakariya B.); Khayat, ME (Khayat, Mohd Ezuan); Rios-Solis, L (Rios-Solis, Leonardo); Halim, M (Halim, Murni) Source: JOURNAL OF FUNCTIONAL FOODS Volume: 48 Pages: 387-399 DOI: 10.1016/j.jff.2018.07.039 Published: SEP 2018 Accession Number: WOS:000447573600042	7	1.43	
ROTAR, A.M., VODNAR, D.C., BUNGHEZ, F., CĂTUNESCU, G.M., POP, C.R., JIMBOREAN, M., SEMENIUC, C.A. Effect of Goji Berries and Honey on Lactic Acid Bacteria Viability and Shelf Life Stability of Yoghurt. <i>Notulae Botanicae Horti Agrobotanici</i>. 2015. 43(1): 196-203. (*corresponding author)	Record 4 of 8 Title: The Evaluation of the Sensory and Microbiological Properties of the Yoghurt Supplemented with <i>Achillea millefolium</i> and <i>Solanum muricatum</i> Author(s): Pop, CR (Pop, Carmen R.); Topan, C (Topan, Catalina); Rotar, AM (Rotar, Ancuta M.); Salanta, L (Salanta, Liana); Jimborean, M (Jimborean, Mirela); Nagy, M (Nagy, Melinda) Source: BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY Volume: 75 Issue: 1 Pages: 93-95 DOI: 10.15835/buasvmcn-fst.0033 Published: 2018 Accession Number: WOS:000438290300015	7	1.43	
ROTAR, A.M., VODNAR, D.C., BUNGHEZ, F., CĂTUNESCU, G.M., POP, C.R., JIMBOREAN, M., SEMENIUC, C.A. Effect of Goji Berries and Honey on Lactic Acid Bacteria Viability and Shelf Life Stability of Yoghurt. <i>Notulae Botanicae Horti Agrobotanici</i>. 2015. 43(1): 196-203. (*corresponding author)	Record 5 of 8 Title: Anthocyanins decay in pomegranate enriched fermented milks as a function of bacterial strain and processing conditions Author(s): Cano-Lamadrid, M (Cano-Lamadrid, M.); Trigueros, L (Trigueros, L.); Wojdylo, A (Wojdylo, A.); Carbonell-Barrachina, AA (Carbonell-Barrachina, A. A.); Sendra, E (Sendra, E.) Source: LWT-FOOD SCIENCE AND TECHNOLOGY Volume: 80 Pages: 193-199 DOI: 10.1016/j.lwt.2017.02.023 Published: JUL 2017 Accession Number: WOS:000400033200025	7	1.43	

VODNAR, D. C., POP, O. L., SOCACIU, C. Monitoring lactic acid fermentation in media containing dandelion (<i>Taraxacum officinale</i>) by FTIR spectroscopy. <i>Notulae Botanicae Horti Agroboticæ</i> . 2012. 40(1) 65-68	Record 5 of 8 Title: Combination of synchrotron radiation-based Fourier transforms infrared microscopy and confocal laser scanning microscopy to understand spatial heterogeneity in aquatic multispecies biofilms Author(s): Reuben, S (Reuben, Sheela); Banas, K (Banas, Krzysztof); Banas, A (Banas, Agnieszka); Swarup, S (Swarup, Sanjay) Source: WATER RESEARCH Volume: 64 Pages: 123-133 DOI: 10.1016/j.watres.2014.06.039 Published: NOV 1 2014 Accession Number: WOS:000341348500013	3	3.33
VODNAR, D. C., POP, O. L., SOCACIU, C. Monitoring lactic acid fermentation in media containing dandelion (<i>Taraxacum officinale</i>) by FTIR spectroscopy. <i>Notulae Botanicae Horti Agroboticæ</i> . 2012. 40(1) 65-68	Record 6 of 8 Title: Antibiosis in yeast: FT-IR spectroscopic studies of yeast grown under conditions of severe oxygen limitation Author(s): Grube, M (Grube, Mara); Gavara, M (Gavara, Maria); Rozentek, L (Rozentek, Lyda); Rapoport, A (Rapoport, Alexander) Source: BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY Volume: 61 Issue: 4 Pages: 474-479 DOI: 10.1002/bab.1165 Published: JUL-AUG 2014 Accession Number: WOS:000341021300015	3	3.33
VASILE, C., RAPĂ, M., ȘTEFAN, M., STAN, M., MACAVEI, S., DARIE-NIȚĂ, R. N., BARBU-TUDORAN, L., VODNAR, D. C., POPA, E. E., ȘTEFAN, R., BORODI, G., BREBU, M. New PLA/ZnO/Cu/Ag bionanocomposites for food packaging. <i>EXPRESS Polymer Letters</i> . 2017. 11(7) 531-544.	Record 1 of 7 Title: Recent Developments in Food Packaging Based on Nanomaterials Author(s): Huang, YK (Huang, Yukun); Mei, L (Mei, Lei); Chen, XG (Chen, Xiangui); Wang, Q (Wang, Qin) Source: NANOMATERIALS Volume: 8 Issue: 10 Article Number: 830 DOI: 10.3390/nano8100830 Published: OCT 2018 Accession Number: WOS:000451174100086	12	0.83
VASILE, C., RAPĂ, M., ȘTEFAN, M., STAN, M., MACAVEI, S., DARIE-NIȚĂ, R. N., BARBU-TUDORAN, L., VODNAR, D. C., POPA, E. E., ȘTEFAN, R., BORODI, G., BREBU, M. New PLA/ZnO/Cu/Ag bionanocomposites for food packaging. <i>EXPRESS Polymer Letters</i> . 2017. 11(7) 531-544.	Record 2 of 7 Title: Polymeric Nanocomposites and Nanocoatings for Food Packaging: A Review Author(s): Vasile, C (Vasile, Cornelia) Source: MATERIALS Volume: 11 Issue: 10 Article Number: 1834 DOI: 10.3390/ma11101834 Published: OCT 2018 Accession Number: WOS:000448658400048	12	0.83
VASILE, C., RAPĂ, M., ȘTEFAN, M., STAN, M., MACAVEI, S., DARIE-NIȚĂ, R. N., BARBU-TUDORAN, L., VODNAR, D. C., POPA, E. E., ȘTEFAN, R., BORODI, G., BREBU, M. New PLA/ZnO/Cu/Ag bionanocomposites for food packaging. <i>EXPRESS Polymer Letters</i> . 2017. 11(7) 531-544.	Record 3 of 7 Title: Temperature dependent separation of immiscible polymer blend in a melted state Author(s): Dobrovazky, K (Dobrovazky, Karoly) Source: WASTE MANAGEMENT Volume: 77 Pages: 364-372 DOI: 10.1016/j.wasman.2018.04.021 Published: JUL 2018 Accession Number: WOS:000440389600039	12	0.83
VASILE, C., RAPĂ, M., ȘTEFAN, M., STAN, M., MACAVEI, S., DARIE-NIȚĂ, R. N., BARBU-TUDORAN, L., VODNAR, D. C., POPA, E. E., ȘTEFAN, R., BORODI, G., BREBU, M. New PLA/ZnO/Cu/Ag bionanocomposites for food packaging. <i>EXPRESS Polymer Letters</i> . 2017. 11(7) 531-544.	Record 4 of 7 Title: Manufacturing of Thermally Remoldable Blends from Epoxidized Soybean Oil and Poly(lactic acid) via Dynamic Cross-Linking in a Twin-Screw Extruder Author(s): Liu, WD (Liu, Wendi); Qiu, JH (Qiu, Jianhui); Fei, ME (Fei, Meng-en); Qiu, RH (Qiu, Renhui); Sakai, E (Sakai, Eichi) Source: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH Volume: 57 Issue: 22 Pages: 7516-7524 DOI: 10.1021/acs.iecr.8b01189 Published: JUN 6 2018 Accession Number: WOS:000424805300021	12	0.83

STANA, A., VODNAR, D.C., TAMAIA, R., PIRNĂU, A., VLASE, L., IONUȚ, I., ONIGA, O., TIPERCIUC, B. Design, Synthesis and Antifungal Activity Evaluation of New Thiazolin-4-ones as Potential Lanosterol 14_ Demethylase Inhibitors. International Journal of Molecular Science. 2017. 18(1). 177.(*corresponding author).	Record 4 of 7 Title: Synthesis of New Thiazolin-4-ones as Potential Lanosterol 14_ Demethylase Inhibitors. International Journal of Molecular Science. 2017. 18(1). 177.(*corresponding author).	8	1.25	
STANA, A., VODNAR, D.C., TAMAIA, R., PIRNĂU, A., VLASE, L., IONUȚ, I., ONIGA, O., TIPERCIUC, B. Design, Synthesis and Antifungal Activity Evaluation of New Thiazolin-4-ones as Potential Lanosterol 14_ Demethylase Inhibitors. International Journal of Molecular Science. 2017. 18(1). 177.(*corresponding author).	Record 5 of 7 Title: Natural Hypoxia is Not a Limiting Factor in Evaluating the Novel Aryldene Derivative MLT-401 Against an In Vitro Colorectal Cancer Model Author(s): Bir-Jallah, I (Bir-Jallah, Ismaeet) Source: CELLULAR PHYSIOLOGY AND BIOCHEMISTRY Volume: 46 Issue: 5 Pages: 2082-2089 DOI: 10.1159/000489448 Published: 2018 Accession Number: WOS 000433153200026	8	1.25	
STANA, A., VODNAR, D.C., TAMAIA, R., PIRNĂU, A., VLASE, L., IONUȚ, I., ONIGA, O., TIPERCIUC, B. Design, Synthesis and Antifungal Activity Evaluation of New Thiazolin-4-ones as Potential Lanosterol 14_ Demethylase Inhibitors. International Journal of Molecular Science. 2017. 18(1). 177.(*corresponding author).	Record 6 of 7 Title: Synthesis and Anticandidal Activity Evaluation of New Benzimidazole-Thiazole Derivatives Author(s): Kaplancıklı, ZA (Kaplancıklı, Zafer Asım); Levent, S (Levent, Serkan); Osmaniye, D (Osmaniye, Derya); Saglik, BN (Saglik, Begum Nurdan); Cevik, UA (Cevik, Ulviye Acar); Cavusoglu, BK (Cavusoglu, Beul Kaya); Ozkay, Y (Ozkay, Yusuf); Igin, S (Igin, Sinem) Source: MOLECULES Volume: 22 Issue: 12 Article Number: 2051 DOI: 10.3390/molecules22122051 Published: DEC 2017 Accession Number: WOS 000419242400021	8	1.25	
STANA, A., VODNAR, D.C., TAMAIA, R., PIRNĂU, A., VLASE, L., IONUȚ, I., ONIGA, O., TIPERCIUC, B. Design, Synthesis and Antifungal Activity Evaluation of New Thiazolin-4-ones as Potential Lanosterol 14_ Demethylase Inhibitors. International Journal of Molecular Science. 2017. 18(1). 177.(*corresponding author).	Record 7 of 7 Title: Synthesis, Molecular Docking Studies, and Antifungal Activity Evaluation of New Benzimidazole-Thiazoles as Potential Lanosterol 14 alpha-Demethylase Inhibitors Author(s): Can, NO (Can, Nafiz Oncul); Cevik, UA (Cevik, Ulviye Acar); Saglik, BN (Saglik, Begum Nurdan); Levent, S (Levent, Serkan); Korkut, B (Korkut, Burcu); Ozkay, Y (Ozkay, Yusuf); Kaplancıklı, ZA (Kaplancıklı, Zafer Asım); Koprak, AS (Koprak, Ali Savas) Source: JOURNAL OF CHEMISTRY Article Number: 9387102 DOI: 10.1155/2017/9387102 Published: 2017 Accession Number: WOS 000418822900001	8	1.25	
TOIU, A., VLASE, L., ARSENE, A.-L., VODNAR, D.C., ONIGA, I. LC/UV/MS profile of polyphenols, antioxidant and antimicrobial effects of Ajuga Genevensis t. Extracts. Farmacia. 2016. 64 (1): 53-57.	Record 1 of 7 Title: Development of a NIR Method for the In-Line Quantification of the Total Polyphenolic Content: A Study Applied on Ajuga genevensis L. Dry Extract Obtained in a Fluid Bed Process Author(s): Gavan, A (Gavan, Alexandru); Colobatu, L (Colobatu, Lora); Mocan, A (Mocan, Andrei); Toiu, A (Toiu, Anca); Tomuta, I (Tomuta Ioan) Source: MOLECULES Volume: 23 Issue: 9 Article Number: 2152 DOI: 10.3390/molecules23092152 Published: SEP 2018 Accession Number: WOS 000447365100065	5	2.00	

TOIU, A., VLASE, L., ARSENE, A.L., VODNAR, D.C., ONIGA, I. LCU/MS profile of polyphenols, antioxidant and antimicrobial effects of <i>Ajuga Reptans</i> L. Extracts. <i>Farmacia</i> , 2016, 64 (1): 53-57.	Record 7 of 7 Title: EVALUATION OF POLYPHENOLIC PROFILE AND ANTIOXIDANT ACTIVITY FOR CYTISUS NIGRICANS AND CYTISUS ALBUS Author(s): Hanganu, D (Hanganu, Daniela); Filip, L (Filip, Lorena); Olariu, NK (Olariu, Neli-Kinga); Mocan, A (Mocan, Andrei); Vlase, L (Vlase, Laurian); Raita, O (Raita, Oana); Oniga, I (Oniga, Iliana); Benedec, D (Benedec, Daniela) Source: <i>FARMACIA</i> Volume: 64 Issue: 6 Pages: 53-57 Published: NOV-DEC 2016 Accession Number: WOS:000390632700011	5	2.00	
PAUCEAN, A., VODNAR, D.C., SOCACI, S.A., SOCACIU, C. Carbohydrate metabolic conversions to lactic acid and volatile derivatives, as influenced by <i>Lactobacillus plantarum</i> ATCC 8014 and <i>Lactobacillus casei</i> ATCC 393 efficiency during in vitro and sourdough fermentation. <i>European Food Research and Technology</i> 2013, 237(5) 679-689.	Record 1 of 7 Title: <i>Lactobacillus plantarum</i> ATCC 8014 in quinoa sourdough adaptability and antioxidant potential Author(s): Chis, MS (Chis, Maria Simona); Paucan, A (Paucan, Adriana); Stan, L (Stan, Laura); Muresan, V (Muresan, Vlad); Vlase, RA (Vlase, Romina Alina); Man, S (Man, Simona); Elena-Suzana, BD (Elena-Suzana, Beis-Dorhol); Mustie, S (Mustie, Sevastita) Source: <i>ROMANIAN BIOTECHNOLOGICAL LETTERS</i> Volume: 23 Issue: 3 Pages: 13581-13591 Published: MAY-JUN 2018 Accession Number: WOS:000438498900004	4	2.50	
PAUCEAN, A., VODNAR, D.C., SOCACI, S.A., SOCACIU, C. Carbohydrate metabolic conversions to lactic acid and volatile derivatives, as influenced by <i>Lactobacillus plantarum</i> ATCC 8014 and <i>Lactobacillus casei</i> ATCC 393 efficiency during in vitro and sourdough fermentation. <i>European Food Research and Technology</i> 2013, 237(5) 679-689.	Record 2 of 7 Title: Characterization of volatile components in hop pellets using in-tube extraction GC-MS analysis Author(s): Salanta, LC (Salanta, Liana C.); Socaci, SA (Socaci, Sonia A.); Totana, M (Totana, Maria); Mudura, E (Mudura, Elena); Pop, CR (Pop, Carmen R.); Nagy, M (Nagy, Melinda); Odagiu, A (Odagiu, Antonia) Source: <i>ROMANIAN BIOTECHNOLOGICAL LETTERS</i> Volume: 23 Issue: 2 Pages: 13541-13550 Published: MAR-APR 2018 Accession Number: WOS:000431317900021	4	2.50	
PAUCEAN, A., VODNAR, D.C., SOCACI, S.A., SOCACIU, C. Carbohydrate metabolic conversions to lactic acid and volatile derivatives, as influenced by <i>Lactobacillus plantarum</i> ATCC 8014 and <i>Lactobacillus casei</i> ATCC 393 efficiency during in vitro and sourdough fermentation. <i>European Food Research and Technology</i> 2013, 237(5) 679-689.	Record 4 of 7 Title: Probiotic potential and function of a <i>Lactobacillus</i> strain L1 isolated from Slage Author(s): Wang, J (Wang, Jian); Li, BB (Li, Beibei); Zhou, L (Zhou, Li); Zhang, XY (Zhang, Xiaoyan); Shi, P (Shi, Ping) Source: <i>JOURNAL OF FOOD SAFETY</i> Volume: 37 Issue: 4 Article Number: e12338 DOI: 10.1111/jfs.12338 Published: NOV 2017 Accession Number: WOS:000415019500002	4	2.50	
PAUCEAN, A., VODNAR, D.C., SOCACI, S.A., SOCACIU, C. Carbohydrate metabolic conversions to lactic acid and volatile derivatives, as influenced by <i>Lactobacillus plantarum</i> ATCC 8014 and <i>Lactobacillus casei</i> ATCC 393 efficiency during in vitro and sourdough fermentation. <i>European Food Research and Technology</i> 2013, 237(5) 679-689.	Record 5 of 7 Title: Technological properties of Lactic acid bacteria isolated from raw cereal material Author(s): Salvucci, E (Salvucci, Emiliano); LeBlanc, JG (LeBlanc, Jean Guy); Perez, G (Perez, Gabriela) Source: <i>LWT-FOOD SCIENCE AND TECHNOLOGY</i> Volume: 70 Pages: 185-191 DOI: 10.1016/j.lwt.2016.02.043 Published: JUL 2016 Accession Number: WOS:000374614400025	4	2.50	

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POP, C.E., PÁRVU, M., ARSENE, A.L., PÁRVU, A.E., VODNAR, D.C., TARCEA, M., TOIU, A.M., VLASE, L. Investigation of antioxidant and antimicrobial potential of some extracts from HEDERA HELIX L. FARMACIA, 2017. 65(4) 624-629.	Record 5 of 6 Title: PANCREATIC INVOLVEMENT IN PEDIATRIC HEMATO-ONCOLOGY DISEASES Author(s): Subotnicu, MS (Subotnicu, Mirabela Smaranda); Ivanov, A (Ivanov, Anca); Mocanu, A (Mocanu, Adriana); Starcea, M (Starcea, Magdalena); Mihaila, D (Mihaila, Doina); Miron, I (Miron, Ingrida) Source: MEDICAL-SURGICAL JOURNAL-REVISTA MEDICO-CHIRURGICALA Volume: 122 Issue: 2 Pages: 295-299 Published: 2018 Accession Number: WOS:000437020200012	8	1.25	
POP, C.E., PÁRVU, M., ARSENE, A.L., PÁRVU, A.E., VODNAR, D.C., TARCEA, M., TOIU, A.M., VLASE, L. Investigation of antioxidant and antimicrobial potential of some extracts from HEDERA HELIX L. FARMACIA, 2017. 65(4) 624-629.	Record 6 of 6 Title: ANTI-INFLAMMATORY AND ANTIOXIDANT EFFECTS OF MAHONIA AQUIFOLIUM LEAVES AND BARK EXTRACTS Author(s): Andreicut, AD (Andreicut, Andra-Diana); Parvu, AE (Parvu, Alina Elena); Mot, AC (Mot, Augustin Catalin); Parvu, M (Parvu, Marcel); Fodor, EF (Fodor, Eva Fischer); Feldman, V (Feldman, Vasile); Calot, AF (Calot, Adriana Florentina); Cecan, M (Cecan, Mihail); Irimie, A (Irimie, Alexandru) Source: FARMACIA Volume: 66 Issue: 1 Pages: 49-58 Published: JAN-FEB 2018 Accession Number: WOS:000429408600007	8	1.25	
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NGONO BIKOBA, D.S., VODNAR, D.C., STANA, A., TIPERCIUC, B., NASTASĂ, C., DOUCHET, M., ONIGA, O. Synthesis of 2-phenylamino-thiazole derivatives as antimicrobial agents. Journal of Saudi Chemical Society, 2017.	Record 2 of 5 Title: Synthesis, quantum chemical, in vitro acetyl cholinesterase inhibition and molecular docking studies of four new coumarin based pyrazolothiazole nuclei Author(s): Madni, M (Madni, Murtaza); Ahmed, MN (Ahmed, Muhammad Naeem); Hameed, S (Hameed, Shahid); Shah, SWA (Shah, Syed Waqood Ali); Rashid, U (Rashid, Umer); Ayub, K (Ayub, Khurshid); Tahir, MN (Tahir, M. Nawaz); Mahmood, T (Mahmood, Tanq) Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1168 Pages: 175-186 DOI: 10.1016/j.molstruc.2018.05.017 Published: SEP 15 2018 Accession Number: WOS:000435622500018	7	1.43	

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		Journal of Integrative Medicine	10
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		Advancia Research	5
		Advancement in Medicinal Plant Research	5
		African Journal of Food Science and Technology	5
		American Journal of Experimental Agriculture	5
		BAOJ Chemistry-Bio Access Group	5
		Bentham Science Publishers	5
		Bulletin USAMV Seta Animal Sciences and Biotechno	5
		Bulletin USAMV SetaVETERINARY MEDICINE	5
		Current Drug Discovery Technologies	5
		DYNAMIC JOURNAL OF PURE AND APPLIED MICROBIOLOGY	5
		Journal of Agricultural Science and Technology	5
		Eursale 2015 Proceeding Book: Know your food! - Food Ethics and Innovation	5
		INTERNATIONAL JOURNAL OF AGRICULTURAL AND SOIL SCIENCE (IJASS)	5
		International Research Journal of Microbiology	5
		Issues in Biological Sciences and Pharmaceutical Research	5
		Journal of Applied Life Sciences International	5
		Journal of Chemical Engineering and Process Techniques	5
		Journal of Food Science & Nutrition	5
		JOURNAL OF PHARMACEUTICS & DRUG DEVELOPMENT	5
		Microbiology Research International	5
		Pacesetter Journal of Agricultural Science Research	5
		Microbiology Research International	5
		Journal of Food & Nutritional Disorders	5
		Notulae Scientia Biologicae	5
		The Philippine Agricultural Scientist	5
		African Journal of Food Science and Technology	5
		BAOJ Biotechnology-Bio Access	5
		Drug Design, Development and Therapy	5
		Dynamic Journal of Pure and Applied Microbiology	5
		European Journal of Nutrition & Food Safety	5
		Food and Nutrition Open Access	5
		Global Journal of Botanical Science	5
		Research Journal of Food and Nutrition	5
		International Journal of Agricultural Research and Crop Science	5
		International Journal of Fruit Science	5
		International Journal of Veterinary Science and Research	5
		Journal of Food Science and Nutrition Therapy	5
		Journal of Medicinal Chemistry and Drug Design	5
		Journal of Nutrition & Food Science	5
		Journal of the Chemical Society of Pakistan	5
		Medical Journal of Obstetrics & Gynecology	5
		Peertech Journal of Medicinal Chemistry and Research	5
		Research Journal of Food and Nutrition	5
		The Open Agriculture Journal	5
		Journal of Pure and Applied Microbiology	5
		International Journal of Scientific Research in Environmental Science and Toxicology	5
		Journal of Applied Life Sciences International	5
		Family Medicine and Public Health Case Reports	5
		Current Nutrition and Food Sciences	5
		The Open Agriculture Journal	5
		Acta Scientific Agriculture	5
		The Open Biotechnology Journal	5
		Food and Nutrition Open Access	5
		Fermentation	5
		Journal of Food Science & Nutrition	5
		Current Biochemical Engineering	5
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3.7.5 Consilii și organizații în domeniul educației și cercetării	conducere	15	Consiliul Cercetării Dezvoltării Inovative al USAMV Director Centrul de Transfer Tehnologic CTT-Biotech	15
	membru	10	Membri în Consiliul Departamentului Știința Alimentației a Facultății de Știință și Tehnologie Alimentației	15
			Comitetului Director pentru Strategia de Specializare Inteligență a Regiunii de Dezvoltare Nord-Vest	10
			Membri în Consiliul Departamentului Știința Alimentației a Facultății de Știință și Tehnologie Alimentației	10
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Punctaj minim - CS II	40.00
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