

Candidatura pentru funcția de Membru al CSUD din USAMV Cluj-Napoca Școala doctorală de Științe Agricole Inginerești

INFORMAȚII PERSONALE

Claudiu-Ioan Bunea

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Sexul Masculin | Data nașterii 25/08/1969 | Naționalitatea Română

POZIȚIA

**Profesor universitar - Facultatea de Horticultură și Afaceri în
Dezvoltare Rurală**

EXPERIENȚA PROFESIONALĂ

2021-prezent

Profesor

Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură și Afaceri în Dezvoltare Rurală. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>

Disciplinele de Viticultură, Tehnologii viticole, Derivate vitivinicole, Valorificare produse secundare, titular de curs, lucrări practice
Activitate didactică și de cercetare

2015–2021

Conferențiar

Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>

Disciplinele de Viticultură, Viticultură ornamentală, Tehnologii viticole, Derivate vitivinicole, Valorificare produse secundare, Materii prime folosite în industria vitivinicolă, titular de curs, lucrări practice

Activitate didactică și de cercetare

2011–2015

Șef de lucrări

Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>

Disciplinele de Viticultură, Viticultură ornamentală, Tehnologii viticole, titular de curs, lucrări practice, practica de specialitate

Activitate didactică și de cercetare

2008–2011

Asistent universitar

Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>

Disciplina de Viticultură, Viticultură ornamentală, Tehnologii viticole - lucrări practice, practica de specialitate

Activitate didactică și de cercetare



2005–2008 Preparator universitar
 Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>
 Disciplina de Viticultură, Ampelografie - lucrări practice , practica de specialitate
 Activitate didactică și de cercetare

EDUCAȚIE ȘI FORMARE

2020 Abilitare – Domeniul Horticultură
 Ordinul M.E.C. nr. 6318 din 22.12.2020 Nivelul 8 CEC
 Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>

2003–2010 Doctor în Horticultură
 Ordinul M.E.C.T.S. nr. 5729 din 24.11.2010
 Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>
 Viticultură, Genetică și ameliorarea plantelor horticole

2003–2005 Master - Cultura plantelor horticole în climat controlat Nivelul 8 CEC
 Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>

1998-2003 Inginer Horticultor Nivelul 8 CEC
 Universitatea de Științe Agricole și Medicină Veterinară, Facultatea de Horticultură. Calea Mănăștur, nr. 3-5, 400372 Cluj-Napoca (România); <http://www.usamvcluj.ro>

COMPETENȚE PERSONALE

Limba(i) maternă(e) Română

Alte limbi străine cunoscute

Engleză

ÎNȚELEGERE		VORBIRE		SCRIERE
Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă
B2	B2	B2	B2	B2

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat
 Cadrul european comun de referință pentru limbi străine

Competențe de comunicare Spirit de echipă; Spirit organizatoric
 Bună capacitate de comunicare și coordonare

Competențe organizaționale/manageriale

- Director department, Departamentului I Horticultură și Peisagistică, Facultatea de Horticultură și Afaceri în Dezvoltare Rurală, USAMV Cluj-Napoca: 2020- prezent
- Director Stațiunea de Cercetări Horticole (SCH), Cluj-Napoca: 2016-2020
- Director Centru de Consultanță, USAMV Cluj-Napoca, 2012-2016
- Membru în Consiliul Facultății de Horticultură: 2012-2020, 2020-prezent
- Membru în Consiliul Departamentului I Horticultură și Peisagistică, Facultatea de Horticultură, USAMV Cluj-Napoca, 2016-2020, 2020-prezent
- Membru în Consiliul Științific al SCH Cluj-Napoca, 2019- prezent
- Membru în Consiliul Științific al ICHAT Cluj-Napoca, 2019- prezent
- Membru în Comisia de evaluare și Asigurare a calității programelor de studii masterale, Master- Tehnologia Producției și Valorificării Vinurilor Speciale și a Produselor Derivate, Științe Horticole, USAMV Cluj-Napoca
- Responsabil/ coordonator plantația viticolă a USAMV Cluj-Napoca, Inginer Cercetare III: 2007-2014
- Membru în Comisia de lucru a filialei ASAS Cluj, 2022-prezent
- Delegat/expert al României în cadrul OIV- inclus pe lista oficială a MADR, 2022-prezent
- Management de proiect – coordonare de proiecte de cercetare (experiență dobândită în calitate de director) – 4 proiecte (1 internațional)

Organizare de manifestări științifice, membru în comitet editorial:

- Simpozionul Internațional USAMV Cluj-Napoca, sept. 2021
- Editor Asociat - Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2021-prezent
- Comitetul editorial pentru numărul special al revistei Notulae Botanicae Horti Agrobotanici Cluj-Napoca (Nr. 2/2017)

Competențe și aptitudini tehnice

Viticultură, Viticultură organică
Tehnologii de înființare și întreținere plantații viticole

Competență digitală

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator independent	Utilizator independent	Utilizator independent	Utilizator elementar	Utilizator elementar

Competențele digitale - Grilă de auto-evaluare

Microsoft Word, Excell, PowerPoint

INFORMAȚII SUPLIMENTARE

AFILIERI

Membru în societăți științifice și profesionale

- Asociația Amicii Rozelor din România - Consilier
- SHST - Societatea de Horticultură și Silvicultură din Transilvania
- SRH- Societatea Română a Horticultorilor
- EPSO- European Plant Science Organization

Referent științific: Frontiers in Earth Science, Journal of Agricultural and Food Chemistry, Food Chemistry, Current Nutrition and Food Science, Notulae Botanicae Horti Agrobotanici, Buletin Horticultura A4life, Horticulturae, Plants, Processes, Agronomy, Biomolecules, Molecules, Soilsystems, Membranes, Fermentation, Applied Sciences, Atmosphere

ACTIVITATEA ȘTIINȚIFICĂ Publicații

- 41 articole în reviste cotate și indexate ISI (WOS)
- 86 articole publicate în reviste BDI
- Citări (exclus autocitări): 481 (conform WOS)
- Participări la conferințe internaționale: peste 15
- Hirsch index 13 (WOS)
- ResearcherID: <https://orcid.org/0000-0002-8954-7779>
- Editor's choice articles- MDPI, Horticulturae 2022, Volume 8, Issue 5, 382
- Premiul "Ernest Grintescu" acordat de SRH – Proiectul "Biodiversitate în podgorii: analiza interconexiunilor între plante, polenizatori, macro- și microorganisme solului și eroziunea solului în întreaga Europă" - 04.10.2018
- Premiul "Ion Hașeganu" - Premiu acordat de SRH pentru articolul științific "Comparative Phytoremediation Potential of Eichhornia crassipes, Lemna minor, and Pistia stratiotes in Two Treatment Facilities in Cluj County, Romania", 06.10.2023

ANEXE

Anexa 1 - Lista selectivă a publicațiilor și Lista proiectelor de cercetare (director sau responsabil de proiect)

Anexa 1 - Lista selectivă a publicațiilor și proiectelor de cercetare

Cărți și îndrumătoare de lucrări practice:

- Bunea Claudiu-Ioan și Babeș Anca Cristina – Derivate și Subproduse viti-vinicole (CURS), Editura AcademicPres, Cluj-Napoca, 2014, 259 pagini.
- Nastasia Pop și Bunea Claudiu-Ioan – Lucrări practice la viticultură, Editura Eikon, Cluj-Napoca, 2011, 180 pagini.
- Bora Florin și Bunea Claudiu - Bioacumularea metalelor grele în vița-de-vie. Editura Colorama, Cluj-Napoca, 2019, 300 pagini (ISBN 978-606-8887-55-5).
- Bunea Claudiu-Ioan – Tehnologii viticole (CURS), Editura Colorama, Cluj-Napoca, 2020, 386 pagini (ISBN 978-606-9056-31-8)
- Bunea Claudiu-Ioan, Babeș Anca, Călugăr Anamaria – Lucrări practice -Tehnologii viticole, Editura AcademicPres, Cluj-Napoca, 2020, 187 pagini

Lista selectivă a articolelor științifice:

1. BUNEA Claudiu-Ioan, Nastasia POP, Anca Cristina BABEȘ, Cristian MATEA, Francisc Vasile DULF, Andrea BUNEA, 2012 - Carotenoids, total polyphenols and antioxidant activity of grapes (*Vitis vinifera*) cultivated in organic and conventional systems, *Chemistry Central Journal*, 6:66, DOI: 10.1186/1752-153X-6-66. WOS:000308432500001
2. Andrea BUNEA, Dumitrița O. RUGINĂ, Adela M. PINTEA, Zorîța SCONȚA, Claudiu I. BUNEA, Carmen SOCACIU, 2011 - Comparative Polyphenolic Content and Antioxidant Activities of Some Wild and Cultivated Blueberries from Romania, X. NOTULAE BOTANICAE HORTI AGROBOTANICI Cluj, 39 (2). WOS:000297659600009
3. Andrea BUNEA, Dumitrița RUGINĂ, Adela PINTEA, Sanda ANDREI, Raluca POP, Claudiu BUNEA, Constantin BELE, 2012 - Carotenoid and fatty acids profile of bilberries and cultivated blueberries from Romania. *Chemical Papers*, 66(10), 935-939. WOS:000306333200006
4. Florin-Dumitru BORA, Claudiu-Ioan BUNEA*, Teodor RUSU and Nastasia POP, 2015, Vertical distribution and analysis of micro-,macroelements and heavy metals in the system soil-grapevine-wine in vineyard from North-West Romania, *Chemistry Central Journal*, 9:19. WOS:000353108400002

5. Florin D. BORA, Alina DONICI, Aurel OSLOBANU, Avram FITIU, Anca C. BABES, **Claudiu I. BUNEA***, 2016 - Qualitative Assessment of the White Wine Varieties Grown in Dealu Bujorului Vineyard, Romania, **NOTULAE BOTANICAE HORTI AGROBOTANICI Cluj**, 44(2):593-602. DOI:10.15835/nbha44210434, WOS:000390832800038
6. Florin Dumitru BORA*, Alina DONICI, Anamaria CALUGAR, Ioan Valentin Petrescu MAG, Emese GÁL, **Claudiu Ioan BUNEA**, 2017 - Determination of Heavy Metals and Leadstrontium Isotope Characterization from Merlot Soil Samples, Dealu Bujorului Vineyard, **STUDIA UBB CHEMIA**, LXII, 4, Tom II, (p. 317-332), WOS:000425964800028
7. Florin D. BORA, Alina DONICI, Teodor RUSU, Andrea BUNEA, Daniela POPESCU, **Claudiu I. BUNEA***, 2018 - Elemental Profile and 207Pb/206Pb, 208Pb/206Pb, 204Pb/206Pb, 87Sr/86Sr Isotope Ratio as Fingerprints for Geographical Traceability of Romanian Wines, **Not Bot Horti Agrobo**, 46(1):223-239. DOI:10.15835/nbha46110853, WOS:000418033200032
8. Maria Laura MUNCACIU, Fernando Zamora MARIN, Nastasia POP, Anca Cristina BABES*, **Claudiu Ioan BUNEA**, Stefania Silvia BALEA, Anamaria CALUGAR, 2018 - Functional Tannins in Grape Pomace Flours of Feteasca Neagra and Italian Riesling, **REVISTA DE CHIMIE** (Bucharest), 69, No. 8, pp: 2372-2376, 2018, WOS:000449628400013
9. CLAPA, D; **BUNEA, C**; BORSAL, O; PINTEA, A; HARTA, M; STEFAN, R, FIRA, A, 2018, The Role of Sequestrene 138 in Highbush Blueberry (*Vaccinium corymbosum* L.) Micropropagation, **HORTSCIENCE**, AMER SOC HORTICULTURAL SCIENCE, 113 S WEST ST, STE 200, ALEXANDRIA, VA 22314-2851 USA ISSN: 0018-5345, 2018, WOS:000448124000015
10. Florin Dumitru BORA, Alina DONICI, Anamaria CĂLUGĂR, Peter SOMSAI, Doina CLAPA, Emese GAL, **Claudiu Ioan BUNEA**, Adelina DUMITRAȘ*, 2018 - Elemental Content and Lead-Strontium Isotope Characterization of Wine, **STUDIA UBB CHEMIA**, LXIII, 1, (p. 137-155), WOS:000439024100011
11. Tabita-Teodora LISANDRU, Andrea BUNEA, Adrian FÜSTÖS, Adelina DUMITRAȘ, **Claudiu-Ioan BUNEA**, Valentin Sebastian DAN, Emese GÁL, Violel MITRE, 2018 - Chromatographic Analysis of Carotenoids and Anthocyanins in Sweet Cherry Autumn Leaves used in Ornamental Landscapes, **STUDIA UBB CHEMIA**, LXIII, 2, (p. 143-155) WOS:000440849900013
12. Alina DONICI, Emese GAL, Claudia CIMPOIU, **Claudiu Ioan BUNEA**, Florin Dumitru BORA*, 2018 - Multi-Element Composition of Red and White Wines From Bujoru, Smulti and Oancea Wine Center, Romania, **STUDIA UBB CHEMIA**, LXIII, 4, (p. 113-128), WOS:000454010700009
13. Florin Dumitru BORA*, Anamaria CĂLUGĂR, **Claudiu-Ioan BUNEA**, Valentin PETRESCU MAG, Claudia CIMPOIU, Vasile Răzvan FILIMON, 2019 - Trace Metal Concentration and Human Health Risk Assessment in Distilled Alcoholic Beverages in Romania, **STUDIA UBB CHEMIA**, LXIV, 4, 2019 (p. 157-176), DOI: 10.24193/subbchem.2019.4.12, WOS:000503866100012
14. Sophie KRATSCHEMER, Bärbel PACHINGER, Martina SCHWANTZER, Daniel PAREDES, Gema GUZMÁN, José A. GOMÉZ, José A. ENTRENAS, Muriel GUERNION, Françoise BUREL, Annegret NICOLAI, Albin FERTIL, Daniela POPESCU, Laura MACAVEI, Adela HOBLE, **Claudiu BUNEA**, Monika KRIECHBAUM, Johann G. ZALLER, Silvia WINTER, 2019 - Response of Wild Bee Diversity, Abundance, and Functional Traits to Vineyard Inter-Row Management Intensity and Landscape Diversity Across Europe, **Ecology and Evolution** 2019;9:4103 - 4115. <https://doi.org/10.1002/ece3.5039>, WOS:000465089500035
15. D. POPESCU, M. COMSA *, A. HOBLE, C. I. **BUNEA**, T. GAMAN, A. S. TAMAS, M. GUERNION, S. KRATSCHEMER, J. G. ZALLER, S. WINTER, 2019 - Biodiversity and Ecosystem Service in Transylvania – New Approach to a Sustainable Vineyards, **Journal of Environmental Protection and Ecology** 20, No 4, 1870–1879, WOS:000510868400029
16. Florin Dumitru BORA, **Claudiu-Ioan BUNEA**, Romeo CHIRA, Andrea BUNEA, 2020 - Assessment of the Quality of Polluted Areas in Northwest Romania Based on the Content of Elements in Different Organs of Grapevine (*Vitis vinifera* L.), **Molecules**, 25(3), 750, DOI: 10.3390/molecules25030750, WOS:000515384800320
17. Cristina FIERA, Werner ULRICH, Daniela POPESCU, **Claudiu-Ioan BUNEA**, Minodora MANU, Ioana NAE, Melania STAN, Bálint MARKÓ, István URÁK, Andrei GIURGINCA, Nicole PENKE, Silvia WINTER, Sophie KRATSCHEMER, Jacob BUCHHOLZ, Pascal QUERNER & Johann G.ZALLER, 2020 - Effects of vineyard inter-row management on the diversity and abundance of plants and surface-dwelling invertebrates in Central Romania, **Journal of Insect Conservation**, Volume 24, pages175–185, DOI: 10.1007/s10841-019-00215-0, WOS:000517845300014
18. Rea M. HALL, Nicole PENKE, Monika KRIECHBAUM, Sophie KRATSCHEMER, Vincent JUNG, Simon CHOLLET, Muriel GUERNION, Annegret NICOLAI, Françoise BUREL, Albin FERTIL, Ángel LORA, Rafael SÁNCHEZ-CUESTA, Gema GUZMÁN, Jose GÓMEZ, Daniela POPESCU, Adela HOBLE, **Claudiu-Ioan BUNEA**, Johann G. ZALLER, Silvia WINTER, 2020 - Vegetation Management Intensity and Landscape Diversity Alter Plant Species Richness, Functional

Traits And Community Composition Across European Vineyards, *Agricultural Systems*, Volume 177, January 2020, 102706, doi.org/10.1016/j.agsy.2019.102706, WOS:000524974600026

19. Cristina FIERA, Werner ULRICH, Daniela POPESCU, Jacob BUCHHOLZ, Pascal QUERNER, **Claudiu-Ioan BUNEA**, Peter STRAUSS, Thomas BAUER, Sophie KRATSCHMER, Silvia WINTER, Johann G. ZALLER, 2020 - Tillage intensity and herbicide application influence surface-active springtail (Collembola) communities in Romanian vineyards, *Agriculture, Ecosystems and Environment*, 300 (2020) 107006, <https://doi.org/10.1016/j.agee.2020.107006>, WOS:000540169600022

20. Anamaria CĂLUGĂR, Teodora Emilia COLDEA *, Carmen Rodica POP, Tiberia Ioana POP, Anca Cristina BABEȘ, **Claudiu Ioan BUNEA**, Mihail MANOLACHE and Emese GAL*, 2020 - Evaluation of Volatile Compounds during Ageing with Oak Chips and Oak Barrel of Muscat Ottonel Wine, *Processes* 2020, 8, 1000; doi:10.3390/pr8081000, WOS:000564795200001

21. Anamaria CĂLUGĂR, Dan CORBEAN, Nastasia POP, **Claudiu Ioan BUNEA**, Anca Cristina BABEȘ, Maria ILIESCU, Florin Dumitru BORA and Iulia Cristina MURESAN *, 2020 - The Economic Impact of Paraffin Type and Substrate Mixture on the Production of Grafted Vines - Case Study Muscat Ottonel, *Agronomy* 2020, 10, 1584; doi:10.3390/agronomy10101584, WOS:000584129300001

22. Diana Ionela STEGĂRUȘ, Anamaria CĂLUGĂR, Comeliu TĂNASE*, Adriana MUSCA, Oana Romina BOTORAN, Mihail MANOLACHE, Anca Cristina BABEȘ, **Claudiu BUNEA**, Emese GĂL, Andrea BUNEA and Teodora Emilia COLDEA*, 2021, Influence of Oak Chips and Oak Barrel Ageing on Volatile Profile in Chardonnay Wine of Romania, *Applied Sciences* 2021, 11, 3691. <https://doi.org/10.3390/app11083691>, WOS:000644011200001

23. Vasile MELNIC, Andrea BUNEA, Romeo Ioan CHIRA, **Claudiu-Ioan BUNEA**, Sonia SOCACI, Viorel MITRE, Phytochemical Content and Antioxidant Activity of Malus domestica Borkh Peel Extracts, *Molecules* 2021, 26, 7636. <https://doi.org/10.3390/molecules26247636>, WOS:000736499500001

24. Răzvan Vasile FILIMON, **Claudiu-Ioan BUNEA**, Ancuța NECHITA, Florin Dumitru BORA, Simona Isabela DUNCA, Andrei MOCAN and Roxana Mihaela FILIMON*, New Malolactic Bacteria Strains Isolated from Wine Microbiota: Characterization and Technological Properties, *Fermentation* 2022, 8, 31. <https://doi.org/10.3390/fermentation8010031>, WOS:000747669800001

25. Florin Dumitru BORA, Anamaria CĂLUGĂR, **Claudiu-Ioan BUNEA***, Sandor ROZSA and Andrea BUNEA, Assessment of Physicochemical, Macro- and Microelements, Heavy Metals, and Related Human Health Risk from Organically, Conventionally, and Homemade Romanian Wines, *Horticulturae* 2022, 8, 382. <https://doi.org/10.3390/horticulturae8050382>, WOS:000801472300001

26. Florin Dumitru BORA, Andrea BUNEA*, Sergiu Rudolf POP, Sabin Ioan BANIȚĂ, Dorin Ștefan DUȘA, Alexandra CHIRA and **Claudiu-Ioan BUNEA**, Quantification and Reduction in Heavy Metal Residues in Some Fruits and Vegetables: A Case Study Galați County, Romania, *Horticulturae*, 2022, 8, 1034. <https://doi.org/10.3390/horticulturae8111034>, WOS:000895547400001

27. Alexandru NICOLESCU, Mihai BABOTĂ, Leilei ZHANG, **Claudiu I. BUNEA**, Laura GAVRILAȘ, Dan C. VODNAR, Andrei MOCAN*, Gianina CRIȘAN and Gabriele ROCCHETTI, Optimized Ultrasound-Assisted Enzymatic Extraction of Phenolic Compounds from Rosa canina L. Pseudo-Fruits (Rosehip) and Their Biological Activity, *Antioxidants*, 2022, 11, 1123. <https://doi.org/10.3390/antiox11061123>, WOS:000817447100001

Lista proiectelor de cercetare:

DIRECTOR de proiect:

2015-2018 – Proiect Internațional BiodivERsA- ERA-NET

Titlu: „Biodiversity-based ecosystem services in vineyards: analysing interlinkages between plants, pollinators, soil biota and soil erosion across Europe”.

Proiect BiodivERsA, finanțat din FP7 ERA-NET, Acronym proiect „VineDivers”, Durata proiect 4 ani (2015-2018), 5 țări participante: Austria, Spania, Franța, Germania și România.

Beneficiar: UEFISCDI, USAMV Cluj-Napoca, prin programul Parteneriate

2014-2019 – Contract de cercetare științifică și consultanță

Titlu: Susținerea activităților de cercetare și dezvoltare științifică în domeniul horticulturii prin elaborarea unor tehnologii moderne de conducere, tăiere și palisare la vița de vie, având ca finalitate creșterea producției și calității produselor viticole.

Contract nr. 4577 din 16.04.2014, durata contract 60 de luni (01.05.2014-01.05.2019)

Beneficiar: S.C. DVROM S.R.L., Turda, Jud. Cluj

2016-2018 – Contract de cercetare științifică și consultanță

Titlu: Pastrarea în carantină a unor plante din speciile Prunus spp. pentru prevenirea răspândirii unor organisme dăunătoare plantelor sau produselor vegetale în Comunitatea Europeană. Contract de cercetare și consultanță, cu susținerea activității prin sponsorizare. Contract nr. 1714 din 09.11.2016

2018 – Proiect PNDR 2014-2020

Titlu: „ Identificarea și studiul de noi varietăți de alun adaptate schimbărilor climatice. Dezvoltarea unui produs horticol nou pentru piața internă și europeană ” Responsabil proiect din partea USAMV, Proiect PNDR 2014-2020, submasura 16.1/16.1a, Cerere de finanțare nr. F161A00180000142

MEMBRU în echipa proiectelor internaționale:

2018-2019- PN III/ 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, Contract nr. 4 BM/2018, Cod proiect: PN-III-P3-3.1-PM-RO-CN-2018-0089

2018-2022- Acțiunea COST (Proposal Reference OC-2017-1-22194), cu titlul „Data integration to maximise the power of omics for grapevine improvement” - Acronim INTEGRAPE, durata 4 ani, 10.09.2018-09.09.2022

2019-2022- ERANET BIODIVERSA, Nr.86/2019, 15.05.2019, Scenarii pentru asigurarea serviciilor ecosistemice multiple și conservarea biodiversității în agroecosistemele viticole.

MEMBRU în echipa proiectelor naționale:

2004-2005 – Tema: Influența administrării de antioxidanți naturali în protecția lipidelor și a componentelor de lipide în stresul oxidativ indus prin hiperfuncția glandei tiroide, Grant CNCSIS

2004-2006 – Tema: Metodă nouă, modernă de amprentare și control a calității vinurilor prin RMN și RES, Proiect de tip Calist,

2005-2008 – Tema: Studii pe modele „in vitro” și pe tumori experimentale privind efectul antioxidant al unor produși naturali, Proiect de tip CEEX, 2006-2008

2006-2010 – Tema: Contribuții la creșterea sănătății umane, prin promovarea consumului de alimente ecologice, diversificate și cu valoare nutritivă ridicată, Plan sectorial, P.S.: 5.2.6., Proiect 358/2006

2005-2008 – Tema: Servicii de susținere a dezvoltării economice în mediul rural, Proiect PHARE, 2005-2008

2007-2010 – Tema: Evaluarea diversității fondului de gene al soiurilor autohtone de viță de vie prin utilizarea markerilor moleculari și fenotipici, Proiect PNCDI II nr. 51, 037/21.09.2007

2017 – Tema: Dezvoltarea unui sector de aclimatizare și transferul tehnologiei de înradacinare și aclimatizare ex vitro a speciei Aronia melanocarpa la SC Agricola Frugal SRL, Cod proiect PN III- P2-2.1-CI-2017-0502

2017 – Tema: PILOT VITICULTURA INTELIGENTA- Suport Decizional pentru Prevenția Manei la Vita de Vie, Programul de finanțare: PN-III-P2-2.1-CI-2017-0220, Nr. Contract de finanțare: 80CI/2017

2018 – Tema: Transferul tehnologiei de înmulțire in vitro a unor portaltoi de cireș la SC RENARD OLUNDEN SRL, Membru în echipa proiectului, Contract nr. 158 CI/2018. – Cod proiect: PN-III-P2-2.1-CI-2018-0947

2018 –Tema: Transferul protocolului de extracție a ADN-lui rezidual din vinuri în vederea autentificării acestora prin amprentare genetică, Membru în echipa proiectului - Cec de inovare, Contract nr.214CI/2018

Cluj-Napoca
09.01. 2024

Prof. dr. BUNEA Claudiu-Ioan



Fișa_standarde_total_Bunea_Claudiu

CANDIDATUL	
Numele	Bunea
Prenumele	Claudiu-Ioan
Functia didactica actuala	Profesor
Institutia	USAMV Cluj-Napoca
Facultatea	Horticultura
Departamentul	Horticultura si Peisagistica
Data ultimei promovari	01.03.2021
Postul didactic vizat	Prof. /Conducător doctorat

PUNCTAJUL REALIZAT		PUNCTAJUL MINIM NECESAR ABILITARE
Total criteriu A1	142.98	100
Total criteriu A2	831.96	260
Total criteriu A3	760.34	60
TOTAL	1735.27	420
% REALIZAT	413.16	

Criterii minime impuse de CNADTCU

Criteriul A.1.				
1.1 Cărți cu ISBN/capitole ca autor				
	Total	d.c. prim autor	După ultima promovare sau în ultimii 5 ani	Criteriu îndeplinit
Minim	2	2	1	
Realizat	3	2	1	DA

Criteriul A.2.						
2.1. Articole in extenso în reviste cotate Thomson Reuters, în volume proceedings indexate Thomson-Reuters si brevete de inventie indexate Web of Science - Derwent						
	Total	d.c. Reviste cotate ISI	Prim autor		După ultima promovare sau în ultimii 5 ani	Criteriu îndeplinit
			Total	d.c. Cotate ISI		
Minim	8	4	4	2	3	
Realizat	24	21	5	4	16	DA

	Criteriul: A.2. 2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI)	Criteriu îndeplinit	Criteriul: A.2. 2.4. Granturi/ proiecte câștigate prin competiție inclusiv proiecte de cercetare/ consultanță (valoare de minim 10.000 Euro echivalenți)	Criteriu îndeplinit
Minim	15		2	
Realizat	31	DA	3	DA

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)

Data: 09.01.2024

Semnatura

CANDIDATUL	
Numele	Bunea
Prenumele	Claudiu-Ioan
Functia didactica actuala	Profesor
Institutia	USAMV Cluj-Napoca
Facultatea	Horticultura
Departamentul	I Horticultura si Peisagistica
Data ultimei promovari	mar.21
Postul didactic vizat	PROFESOR

PUNCTAJUL REALIZAT	
Total criteriu A1	142,98
Total criteriu A2	831,96
Total criteriu A3	760,34
TOTAL	1735,27
% REALIZAT	413,16

DOCUMENTE DE REFERINȚA:

[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 \(RU 37\)](#)

[illegible]

[illegible]

* Conform RU 37, pentru funcția de profesor: calitatea de unic ori prim autor la cel puțin două manuale, inclusiv format 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 naționale această cerință. Conform RU 37, pentru funcția de conferențiar, calitatea de unic ori prim 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 naționale această cerință.

Punctaj minim - Conferențiar	50
Punctaj minim - Profesor	100
Punctaj minim - CS I, CS II	Fără restricții

Total criteriu A1

142,98

Domeniul activităților					DATE CARE SE COMPLETEAZĂ DE CĂTRE CANDIDAT						
Tipul activităților	Categoriile și restricții	Subcategoriile	Indicatori (Kpi)								
1	2	3	4	5	Autorii, anul publicării, titlul, revista, vol., paginile, etc.	Factor de impact	Nr. Autori	Autor principal? (1=DA, 0=NU)	Publicată după ultima promovare, sau în ultimii 5 ani? (1=DA, 0=NU)	Punctaj	WOS / DOI
2.1 Articole în extenso în reviste cotate Thomson Reuters , în volume proceedings indexate Thomson-Reuters și brevete de invenție indexate Web of Science - Derwent	2.1.1. Profesor/ CS1: Minimum 8 articole, din care minimum 4 în reviste cotate ISI; la 4 dintre lucrări (dintre care 2 ISI cotate) să fie autor principal/ corespondent/ coordonator (ultim autor - doar dacă este conducător de doctorat) (2). Cel puțin 3 lucrări să fie publicate după ultima promovare sau în ultimii 5 ani. 2.1.2. Conferențiar/ CS II: Minimum 5 articole, din care minimum 3 în reviste ISI cotate; la 3 dintre lucrări (dintre care 1 ISI cotată) să fie autor principal/ corespondent/ coordonator (ultim autor - doar dacă este conducător de doctorat) (2). Cel puțin 2 lucrări să fie publicate după ultima promovare sau în ultimii 5 ani.		(35+20*factor impact (1)) /nr. autori	Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babes, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea, 2012, Carotenoids, total polyphenols and antioxidant activity of grapes and Andrea BUNEA, Dumitrița O. RUGINĂ, Adela M. PINTEA, Zorîța SCONTA, Claudiu I. BUNEA, Carmen SOCACIU, 2011, Comparative Polyphenolic Andrea Bunea, Dumitrița Rugină, Adela Pinte, Sanda Andrei, Claudiu Bunea, Raluca Pop and Constantin Bele, 2012, Carotenoid and fatty acid profiles Claudiu Ioan Bunea *, Daniela Popescu , Andreea Bunea and Marin Ardelean , Variation of attack degree of downy mildew (Plasmopara viticola) in five wine Florin-Dumitru Bora, Claudiu-Ioan Bunea*, Teodor Rusu and Nastasia Pop-Vertical distribution and analysis of micro-, macroelements and heavy Florin D. BORA, Alina DONICI, Aurel OSLOBANU, Avram FIU, Anca C. BABES , Claudiu I. BUNEA *, Qualitative	3,281	6	1	0	33,54	WOS:000308132500001	
					0,463	6	0	0	7,38	WOS:000297659600009	
					1,096	7	0	0	8,13	WOS:000306332000006	
					0,435	4	1	0	21,85		
					2,187	4	1	1	39,37	WOS:000353108400002	
					0,451	6	1	1	14,67	WOS:000390832800038	

FLORIN DUMITRU BORA*, ALINA DONICI, ANAMARIA CALUGAR, IOAN VALENTIN PETRESCU MAG, EMESE GAL, CLAUDIU IOAN BUNEA, DETERMINATION OF HEAVY METALS IN HUMAN HAIR AND URINE	0.244	6	0	1	6.65	WOS 000425964800 028
Bora Florin-Dumitru*, Donici Alina, Calugar Anamaria, Bunea Claudia-Ioan, METAL CONCENTRATION AND LEAD- CONCENTRATION	0	4	0	1	8.75	WOS 000419584900 001
Florin D. BORA, Alina DONICI, Teodor RUSU, Andreea BUNEA, Daniela POPESCU, Claudiu I. BUNEA* Elemental Profile and 207Pb/206Pb, 208Pb/206Pb.	0.648	6	1	1	15.99	WOS 000418033200 032
MARIA LAURA MUNCACIU, FERNANDO ZAMORA MARIN, NASTASIA POP, ANCA CRISTINA BABES*, CLAUDIU IOAN BUNEA, STEFANIA SILVIA Clapa, D; Bunea, C; Borsai, O; Pintea, A; Harfa, M; Stefan, R; Fira, A. The Role of Sequestrene 138 in Highbush Blueberry (Vaccinium corymbosum L.)	1.412	7	0	1	9.03	WOS 000449628400 013
FLORIN DUMITRU BORA, ALINA DONICI, ANAMARIA CALUGAR, PETER SOMSAI, DOINA CLAPA, EMESE GAL, CLAUDIU IOAN BUNEA, TABITA-TEODORA LISANDRU, ANDREA BUNEA, ADRIAN FUSTOS, ADELINA DUMITRAS , CLAUDIU-IOAN BUNEA, VALENTIN SEBASTIAN DAN, EMESE GAL, VIOREL MITRE*, CHROMATOGRAPHIC ANALYSIS OF HEAVY METALS IN HUMAN HAIR AND URINE	0.83	7	0	1	7.37	WOS 000448124000 015
FLORIN DUMITRU BORA, ALINA DONICI, ANAMARIA CALUGAR, PETER SOMSAI, DOINA CLAPA, EMESE GAL, CLAUDIU IOAN BUNEA, TABITA-TEODORA LISANDRU, ANDREA BUNEA, ADRIAN FUSTOS, ADELINA DUMITRAS , CLAUDIU-IOAN BUNEA, VALENTIN SEBASTIAN DAN, EMESE GAL, VIOREL MITRE*, CHROMATOGRAPHIC ANALYSIS OF HEAVY METALS IN HUMAN HAIR AND URINE	0.305	8	0	1	5.14	WOS 000439024100 011
ALINA DONICI, EMESE GAL, CLAUDIA CIMPOIU, CLAUDIU IOAN BUNEA, FLORIN DUMITRU BORA*, MULTI- ELEMENT COMPOSITION OF HEAVY METALS IN HUMAN HAIR AND URINE	0.305	6	0	1	6.85	WOS 000440849900 013
FLORIN DUMITRU BORA*, ANAMARIA CALUGAR, CLAUDIU-IOAN BUNEA, VALENTIN PETRESCU MAG, Claudia CIMPOIU, Vasile Razvan FILMON, 2019, Trace Metal Concentration and Human	0.305	5	0	1	8.22	WOS 000434010700 009
FLORIN DUMITRU BORA*, ANAMARIA CALUGAR, CLAUDIU-IOAN BUNEA, VALENTIN PETRESCU MAG, Claudia CIMPOIU, Vasile Razvan FILMON, 2019, Trace Metal Concentration and Human	0.275	6	0	1	6.75	WOS 000430866100 012

Sophie KRATSCHMER, Barbel PACHINGER, Martina SCHWANTZER, Daniel PAREDES, Gema GUZMÁN, José A. GOMÉZ, José A. ENTRENAS, Muriel GUERNION, Françoise BUREL, Annegrit NICOLAI, Albin FERTIL, Daniela POPESCU, Laura MACAVEI, Adela HOBLE, D. POPESCU, M. COMSA *, A. HOBLE, C. I. BUNEA, T. GAMAN, A. S. TAMAS, M. GUERNION, S. KRATSCHMER, J. G. ZALLER, S. WINTER,	2,415	18	0	1	4,63	WOS:000465089500035
Cristina FIERA, Werner ULRICH, Daniela POPESCU, Claudiu-Ioan BUNEA, Minodora MANU, Ioana NAE, Melania STAN, Bălint MARKÓ, István URÁK, Andrei GIURGINCA, Nicole PENKE, Silvia WINTER, Sophie KRATSCHMER, Jacob BUCHHOLZ, Pascal QUERNER, Rea M. HALL, Nicole PENKE, Monika KRIECHAUM, Sophie KRATSCHMER, Vincent JUNG, Simon CHOLLET, Muriel GUERNION, Annegrit NICOLAI, Françoise BUREL, Albin FERTIL, Ángel LORA, Rafael SÁNCHEZ-CUESTA, Gema GUZMÁN, Jose GÓMEZ, Daniela POPESCU, Adela HOBLE, Claudiu-Ioan Florin Dumitru Bora, Claudiu Ioan Bunea, Romeo Chira and Andreea Bunea, Assessment of the Quality of Polluted Areas in Northwest Romania Based on Anamaria Calugar , Teodora Emilia Coldea *, Carmen Rodica Pop , Tiberia Ioana Pop , Anca Cristina Babes, Claudiu Ioan Bunea , Mihail Manolache and Iemese Gal, Evaluation of Volatile	0,634	10	0	1	4,77	WOS:00051086840
	1,33	16	0	1	3,85	WOS:000517845300014
	4,131	19	0	1	6,19	WOS:000524974600026
	3,267	4	0	1	25,09	WOS:00051538480X
	2,75	8	0	1	11,25	WOS:00056479520X

2.2 Articole in reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale(BDI (3))	2.2.1. Profesor / CS I: Minimum 15 articole 2.2.2. Conferențiar/CS II: Minimum 10 articole	15/nr autori	Anamaria Calugar, Dan Corbean, Nastasia Pop, Claudiu Ioan Bunea, Anca Cristina Babes , Maria Ilescu , Florin Dumitru Bora and Iulia Cristina Muresan, The Economic Impact of Para n Cristina Fiera, Werner Ulrich, Daniela Popescuc, Jacob Buchholz, Pascal Querner, Claudiu-Ioan Bunea, Peter Strauss, Thomas Bauer, Sophie Kratschmer, Silvia Winter, M. Biddoccu *, G. Guzman , G. Capello , T. Thielke , P. Strauss , S. Winter , J.G. Zaller , A. Nicolai , D. Cluzeau , D. Popescu , C. Bunea , A. Hoble , E. Cavallo , J.A. Gomez, Evaluation of soil erosion risk and identification of					WOS:00059778																				
			2,603	8	0	1	10,88																					
			4,241	11	0	1	10,89																					
			3,77	11	0	1	10,04																					
							0,00																					
			<table><thead><tr><th>Autorii, anul publicarii, titlul, revista, vol., paginile, etc.</th><th>Nr. Autori</th><th>Autor principal? (1=DA, 0=NU)</th><th>Punctaj</th></tr></thead><tbody><tr><td>Claudiu-Ioan BUNEA, 2014, Claudiu-Ioan BUNEA , Nastasia POP, Florin BORA, Daniela POPESCU , Andreea BUNEA, The Behaviors of Wine Grape Bunea Claudiu-Ioan, Ardelean M., Nastasia Pop, Anca Babes, Influence of variety and type of cultivation (organic and conventional) on productivity, in four table grapes varieties, grown</td><td>1</td><td>1</td><td>30,00</td></tr><tr><td>Bunea Claudiu-Ioan, 2009, Genotypic variation of attack degree (AD%) with downy mildew (Plasmopara viticola Berk & Curt) in four table grape Bunea Claudiu-Ioan, Marin Ardelean, Nastasia Pop, Anca Babes, 2009, Influence of variety and type of cultivation (organic and conventional) on productivity, in five wine grape</td><td>4</td><td>1</td><td>7,50</td></tr><tr><td></td><td>1</td><td>1</td><td>30,00</td></tr><tr><td></td><td>4</td><td>1</td><td>7,50</td></tr></tbody></table>					Autorii, anul publicarii, titlul, revista, vol., paginile, etc.	Nr. Autori	Autor principal? (1=DA, 0=NU)	Punctaj	Claudiu-Ioan BUNEA, 2014, Claudiu-Ioan BUNEA , Nastasia POP, Florin BORA, Daniela POPESCU , Andreea BUNEA, The Behaviors of Wine Grape Bunea Claudiu-Ioan, Ardelean M., Nastasia Pop, Anca Babes, Influence of variety and type of cultivation (organic and conventional) on productivity, in four table grapes varieties, grown	1	1	30,00	Bunea Claudiu-Ioan, 2009, Genotypic variation of attack degree (AD%) with downy mildew (Plasmopara viticola Berk & Curt) in four table grape Bunea Claudiu-Ioan, Marin Ardelean, Nastasia Pop, Anca Babes, 2009, Influence of variety and type of cultivation (organic and conventional) on productivity, in five wine grape	4	1	7,50		1	1	30,00		4	1	7,50	
Autorii, anul publicarii, titlul, revista, vol., paginile, etc.	Nr. Autori	Autor principal? (1=DA, 0=NU)	Punctaj																									
Claudiu-Ioan BUNEA, 2014, Claudiu-Ioan BUNEA , Nastasia POP, Florin BORA, Daniela POPESCU , Andreea BUNEA, The Behaviors of Wine Grape Bunea Claudiu-Ioan, Ardelean M., Nastasia Pop, Anca Babes, Influence of variety and type of cultivation (organic and conventional) on productivity, in four table grapes varieties, grown	1	1	30,00																									
Bunea Claudiu-Ioan, 2009, Genotypic variation of attack degree (AD%) with downy mildew (Plasmopara viticola Berk & Curt) in four table grape Bunea Claudiu-Ioan, Marin Ardelean, Nastasia Pop, Anca Babes, 2009, Influence of variety and type of cultivation (organic and conventional) on productivity, in five wine grape	4	1	7,50																									
	1	1	30,00																									
	4	1	7,50																									

ARDELEAN Marin ¹⁾ , POP Nastasia ¹⁾ , BUNEA Andreea ¹⁾ , BABEȘ Anca ¹⁾ , CĂLUȚĂR Anamaria ¹⁾ , 2010, <i>Influence of Variety and Type of Cultivation</i>			6	1	5,00
Bunea C. I., Nastasia Pop, Andreea Bunea, Anca Babeș, Anamaria Căluțăr, 2011, <i>Influence of variety and type of cultivation (organic and</i>			5	1	6,00
Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babeș, Mihai Lung, Daniela Hodor, Florentina Ciobanu and Andreea Bunea, 2012, <i>Qualitative and Quantitative Analysis of Phenolic Acids using High Performance</i>			7	1	4,29
SUCIU Loredana, Carmen PUJA, Vasile FLORIAN, Raluca MICLEA, Claudiu-Ioan BUNEA*, 2012, <i>The Behaviour of Vine Varieties to Downy Mildew Attack (Plasmopara Viticola Berk & Curt) in Ampelographic Collection in the Conditions of</i>			5	1	6,00
Claudiu-Ioan BUNEA, Maria Laura MUNCACIU, Nastasia POP, <i>The Influence of Green Works on Seyve-Villard 18402 Grapes Quality, Vine with Biological Resistance</i> 2013.			3	1	10,00
BUNEA Claudiu-Ioan, BUTA Mihael*, 2013, <i>The Influence of Different Type of Fertilizations on Quality of Chambourcin Grapes.</i>			2	1	15,00
Nastasia Pop, Anca Babeș, C. Bunea, Tiberia Pop, 2008, <i>Studies regarding the total polyphenols content from several red grape varieties. Simpozionul</i>			4	0	3,75
Anamaria Căluțăr, Nastasia Pop, Mariana Farago, Anca Babeș, Daniela Hodor, Claudiu Bunea, <i>Influence of critical environmental factors on elements of fertility at</i>			6	0	2,50
Anca Babeș, V. Budiu, Nastasia Pop, C. Bunea, <i>Research regarding water consumption at some grape varieties grown in</i>			4	0	3,75

Daniela HODOR, Nastasia POP, Anca BABEȘ, Claudiu I. BUNEA, Anamaria CALUGAR, Florentina CIOBANU, <i>Fertility and Productivity at Some Red</i>			6	0	2,50
Anamaria CALUGAR, Nastasia POP, Anca BABEȘ, Mariana FARAGO, C.I. BUNEA, Daniela HODOR, Florentina CIOBANU, <i>Research on relations between</i>			7	0	2,14
Anamaria CALUGAR, Nastasia POP, Anca BABEȘ, Mariana FARAGO, C.I. BUNEA, Daniela HODOR, Florentina CIOBANU, <i>Buds vobility and carbohydrates</i>			7	0	2,14
Andreea BUNEA, Augusta LUIERDEAN, Adela PINTEA, Sanda ANDREI, Claudiu BUNEA, Constantin BELE,			6	0	2,50
Babeș Anca, Budiu V., Pop Nastasia , Bunea C., Călugăr Anamaria , <i>Considerations regarding water consumption at some grapes varieties in Blaj</i>			5	0	3,00
Călugăr Anamaria, Pop Nastasia , Babeș Anca , Farago Mariana , Bunea C., Hodor Daniela, Ciobanu Florentina, <i>The estimation of growth-yield</i>			7	0	2,14
Călugăr Anamaria, Pop Nastasia, Farago Mariana, Babeș Anca, Bunea C., Hodor Daniela, Ciobanu Florentina, <i>Influence of the bud load level at pruning on</i>			7	0	2,14
Călugăr Anamaria, Pop Nastasia, Ilescu Maria, Babeș Anca, Bunea C., 2011, <i>Biometric determination on canopy at some grape varieties created at S.C.D.V.V. Blaj, in Târnave vineyard</i> , Simpozionul științific cu			5	0	3,00
Călugăr Anamaria, Pop Nastasia, Ilescu Maria, Babeș Anca, Bunea C., 2011, <i>Study on the precocity indexes during the annual growth cycle of grapevine, in Blaj wine-growing center, Târnave Vineyard</i> ,			5	0	3,00

Corbean D. Pop Nastasia, Babes Anca, Călugăr Anamaria, Bunea C., Moldovan S.D., 2011, Research regarding the influence of rooting substrate in fertile pots on yield of grafted vines, at S.C. Jidvei S.R.L. Târnave Vineyard.			6	0	2,50
Florentina CIOBANU, Nastasia POP, Maria ILIESCU, Anca BABEȘ, Claudiu-Ioan BUNEA, Anca Eva ARDELEAN, Mihai Lucian LUNG, Andreea Flavia TRIPON, 2012, Special Green Works Influence on Yield			8	0	1,88
Mihai-Lucian LUNG, Nastasia POP, Florentina CIOBANU, Anca BABEȘ, Claudiu BUNEA, Simona LAZAR, 2012, Environmental Factors Influence on Quality of Wine Grape Varieties in Four Different Areas			6	0	2,50
Florentina CIOBANU, Nastasia POP, Maria ILIESCU, Anca Babes, Claudiu Ioan BUNEA, Anca Eva ARDELEAN, Mihai Lucian LUNG, Andreea Flavia TRIPON, 2012, Researches Regarding the Influence of			8	0	1,88
Mihai-Lucian LUNG, Nastasia POP, Florentina CIOBANU, Anca BABEȘ, Claudiu BUNEA, Simona LAZAR, 2012, Application of Rapid Methods of Spectrophotometric Analysis			6	0	2,50
Florin Dumitru BORA, Tibena Ioana POP, Leonard MIHALY, Claudiu-Ioan BUNEA, Nastasia POP, Research on the Chemical Composition of Soil with Pollutant Effect in Some Vineyards from			5	0	3,00
Florin-Dumitru BORA, Tibena Ioana POP, Claudiu-Ioan BUNEA, Delia-Elena URCAN, Anca BABEȘ, Leonard Mihail-COZMUTA, Anca Mihail-COZMUTA, Nastasia POP,			8	0	1,88

Florin-Dumitru BORA, Tiberia Ioana POP, Claudiu-Ioan BUNEA, Anca PETER, Camelia NICULA, Delia Elena URCAN, Anca BABEȘ, Nastasia POP, <i>Physico-Mechanical Analysis</i>			8	0	1,88
Florin D. Bora, Tiberia I. Pop, Anca C. Babeș, Maria Iliescu, Daniela Popescu, Claudiu I. Bunea, Alina Donici, Nastasia Pop, AAB Bioflux, 2015, Volume 7, Issue 3.			8	1	3,75
Florin Dumitru BORA, Tiberia Ioana POP, Claudiu Ioan BUNEA, Daniela POPESCU, Maria ILIESCU, Nastasia POP, The 14th International Symposium PROSPECTS FOR			6	0	2,50
Florin Dumitru BORA, Tiberia Ioana POP, Claudiu Ioan BUNEA, Daniela POPESCU, Maria ILIESCU, Nastasia POP, 2015, The assessment of the main climatic conditions in north-			6	0	2,50
Nastasia Pop, Anca Babeș, Doina Colcear, Ioana Micu, Tiberia Ioana Pop, Bunea Claudiu, Florica Ranga, Florinela Fetea, Catechins content of			8	0	1,88
Florin D. Bora, Alina Donici, Cezara Voica, Teodor Rusu, Claudia Cimpoi, Camelia Nicula, Peter Anca, Claudiu I. Bunea, Nastasia Pop, Dan E. Mînzăescu, AAB Bioflux, 2016, Volume 8.			10	1	3,00
Rîpanu, Alina Donici, Claudiu Ioan Bunea, Nastasia Pop, Mihai-Lucian Lung, Daniela Popescu, Annals. Food Science and Technology, Volume 17,			7	0	2,14
Elena Postolache, Aurel Ciubucă, Claudiu I. Bunea, Mihai P. Moldovan, Nastasia Pop, Alina Donici, Florin D. Bora, AAB			7	0	2,14
Adela Hobă, Daniela Popescu, Claudiu Bunea, Teodor Rusu, Silvia Winter, Agriculture-Science and Practice, no 1-2 (97-98),			5	0	3,00

Florin Dumitru BORA, Alina DONICI, Aurel CIUBUȚĂ, Elena POSTOLACHE, Gabriel TABARANU, Viorica ENACHE, Nastasia POP and Claudiu BUNEA. QUALITATIVE			8	0	1,88
Claudiu BUNEA: Daniela POPESCU, Adela HOBLE, Silvia WINTER; Johana ZALLER, Source: Bulletin of University of Agricultural Sciences and Veterinary			5	1	6,00
Florin Dumitru BORA, Alina DONICI, Elena POSTOLACHE, Aurel CIUBUȚĂ, Viorica ENACHE, Gabriel TABARANU, Nicolae BÎRLIGA, Ionuț RACZ, Claudiu Ioan BUNEA* Bulletin			9	1	3,33
Adela HOBLE, Daniela POPESCU, Claudiu BUNEA, Francoise BUREL, Muriel GUERNION, Annegrat NICOLAI, Alben FERTIL, Silvia WINTER, Sophie KRATZSCHMER, Johann ZALLER, Gema GUZMÁN, Martin POTTHOFF,			12	0	1,25
Adela HOBLE, Daniela POPESCU, Claudiu BUNEA, Daniel CLUZEAU, Francoise BUREL, Muriel GUERNION, Annegrat NICOLAI, Alben FERTIL, Silvia WINTER, Sophie KRATZSCHMER, Johann ZALLER, Gema GUZMÁN, AGRICULTURAL			12	0	1,25
Florin Dumitru BORA, Alina DONICI, Elena POSTOLACHE, Aurel CIUBUȚĂ, Viorica ENACHE, Gabriel TABARANU, Nicolae BÎRLIGA, Ionuț RACZ, Claudiu Ioan BUNEA*, Bulletin			9	1	3,33
Claudiu-Ioan BUNEA, Nastasia POP, Anca Cristina BABEȘ, Maria Laura MUNCACIU, Maria ILIESCU, Florin-Dumitru BORA, Iulia Alexandra FARCAȘ, Dan BÂRSAN, Anamaria CĂLUGĂR*, UNIVERSITATEA AGRARĂ DE STAT DIN MOLDOVA, FACULTATEA DE HORTICULTURĂ,			9	1	3,33

Adela HOBLE, Daniela POPESCU, Claudiu BUNEA*, Daniel CLUZEAU, Murel GUERNION, Anneget NICOLAI, Alben FERTIL, Silvia WINTER, Johann ZALLER, Gema GUZMÁN, afile, Bucuresti,			10	1	3.00
Alina DONICI, Claudiu Ioan BUNEA , Anamaria CĂLUGĂR , Eugenia HARSAN , Ionut RACZ, Florin Dumitru BORA *, Buletin UASVM Horticulture 75(2) / 2018 Priti ISSN 1843-5262, Electronic			6	0	2.50
Florin-Dumitru Bora, Claudiu-Ioan Bunea, Anamaria Călugăr, Alina Dorici, Agricultură, Vol 107, No 3-4 (2018), RESEARCH REGARDING THE PHENOLIC			4	0	3.75
Florin-Dumitru Bora, Claudiu-Ioan Bunea, Teodora Emilia Coldea, Anamaria Călugăr, Maria Ilescu, Alina Donici, Agricultură, Vol 107, No 3-4			6	0	2.50
Alina DONICI, Claudiu Ioan BUNEA, Anamaria CĂLUGĂR, Eugenia HARSAN , Ionut RACZ, Florin Dumitru BORA *, Assessment of Heavy Metals Concentration in Soil and Plants from Bala Mare Area, NW Romania, Buletin UASVM			9	0	1.67
Florin Dumitru BORA, Anamaria CĂLUGĂR, Claudiu Ioan BUNEA*, Ionut RACZ, Assessment of Trace Elements and Human Health Risk Present in Wines Obtained in the Region of Dealurile Munteniei and Dealurile Moldovei Vineyards.			4	1	7.50
Florin Dumitru BORA , Anamaria CĂLUGĂR, Claudiu Ioan BUNEA*, Ionut RACZ, Differentiation Among Romanian Wine Regions Based on Lead Isotope Signatures.			4	1	7.50

				Alina DONICI, Claudiu Ioan BUNEA, Anamaria CĂLUȚĂR, Eugenia HARSAN, Florin Dumitru BORA*, INVESTIGATION OF THE COPPER CONTENT IN VINEYARD SOIL, GRAPE, Anamaria CĂLUȚĂR, Anca Cristina BABEȘ, Claudiu Ioan BUNEA, Tiberia Ioana POP, Liliana TOMOIĂȚĂ, Maria ILIESCU, OENOLOGICAL CHARACTERIZATION OF WINES FROM GRAPE CLONES CREATED AT RESEARCH Bora Florin Dumitru*, Claudiu Ioan Bunea, Anamaria Căluțăr, Alina Donici, PHENOLIC, ANTHOCYANIN COMPOSITION AND COLOR MEASUREMENT CĂLUȚĂR Anamaria*, CORBEAN Dan, POP Tiberia Ioana, BUNEA Claudiu I., ILIESCU Maria, BABES Anca Cristina, CHICUDEAN Gabriela Oțelia, MUREȘAN Iulia Cristina*, Economic Efficiency of the Use Florin Dumitru BORA, Anamaria CĂLUȚĂR, Claudiu Ioan BUNEA*, Ionut RACZ, Determination of Trace and Heavy Metals in Fruit Juices in S. Banița, A. Sestraș, I. Oțeanu, A. Căluțăr and C.I. Bunea, THE INFLUENCE OF HAIL AND TREATMENTS WITH AMINO-ACIDS ON THE FERTILITY AND GODOROJA Mariana, Gheorghe NICOLAESCU, Anamaria CĂLUȚĂR*, Ioana Maria ȘTEFAN, Anca Cristina BABEȘ, Claudiu Ioan BUNEA.				5	0	3.00
								6	0	2.50
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								6	0	2.50
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2.3 Proprietate intelectuală, brevete de invenție, tehnologii și produse omologate (soluri, hibridzi, rase etc.)	2.3.1 Internaționale	40/nr. aut		Autorii, anul publicarii, date de identificare, etc.	Nr. Autori	Prim autor? (1=DA, 0=NU)	Punctaj			
							0.00			
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	2.3.2 Naționale		30/nr. aut						0.00
2.4 Granturi/ proiecte câștigate prin competiție inclusiv proiecte de cercetare/ consultanță (valoare de minim 10.000 Euro echivalent) (3)	2.4.1 Director/ responsabil partener proiect - Minimum 2 pentru Profesor/ CS I; Minimum 1 pentru Conferențiar/ CS II	2.4.1.1 Internationale	20 * ani de desfășurare						0.00
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	2.4.1.2 Naționale	10 * ani de desfășurare							0
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2.4.2 Membru în echipă	2.4.2.1 Internationale	4 * ani de desfășurare							1
									3
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2.4.2.2 Naționale	2 * ani de desfășurare								1
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Total criteriu A2								831,96	

Punctaj minim - Conferențiar	130
Punctaj minim - Profesor	260
Punctaj minim - CS II	180
Punctaj minim - CS I	360

Note:

(1) ...

Factorul de impact al revistei menționată 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 *in extenso* pentru autor principal/prim autor/autor corespondent/coordonator (ultim autor), punctajul rezultat din calcul se multiplică cu coeficientul 2. Se admit maxim 2 articole în același volum/ediție. Calculul de coordonator (ultim autor) se referă doar la conducătorul de doctoral. Pentru Profesor/CSI I lucrări ISI pot fi echivalate cu 2 brevete indexate WOS-Derwent /soiuri, iar pentru conferențiar/CS II, o lucrare ISI poate fi echivalată cu un brevet indexat WOS-Derwent /soi, doar pentru dacă cel care candidează este prim autor.

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(5) Autocitățile sunt excluse.

Domeniul activităților					DATE CARE SE COMPLETEAZĂ DE CĂTRE CANDIDAT				
Tipul activităților	Categori și restricții	Subcategori	Indicatori (Kpi)		Articol citat	Articol în care s-a regăsit citarea	Nr. articol citat	Punctaj	WOS și Ref. No
1	2	3	4	5					
3.1 Cărți în reviste ISI și volumele conferințelor indexate WOS (4)				10/nr. autori al articolului citat x nr. cărți					
Recunoașterea și impactul activității (A3)									
					Comparative Polyphenolic Content and Antioxidant Activities of Some Wild and Cultivated Blueberries from Romania, Bunea A, Rugina D, Pintea A, Scorla Z, Bunea C, Socaciu C (2011), Not Bot Horti Agrobo 39(2):70-76.	The Impact of Foliar Application of Calcium Fertilizers on the Quality of Highbush Blueberry Fruits Belonging to the 'Duke' Cultivar, Irenescu OCHIMIAN, Not Bot Horti Agrobo, 2012, 40(2), 163-169	6	1,67	
					Carotenoids, total polyphenols and antioxidant activity of grapes (Vitis vinifera) cultivated in organic and conventional systems, Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babes, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea, 2012, Chemistry Central Journal, 2012, 6:66, DOI: 10.1186/1752-153X-6-66.	Lo+G4:G31w-molecular procyanidin rich grape seed extract exerts antihypertensive effect in males spontaneously hypertensive rats. M. Quiñones, L. Guerrero, M. Suarez, Z. Pons, A. Alexandre, L. Ayola, B. Muguerza, Food Research International, 2013, 51, 567-595	6	1,67	
					Comparative Polyphenolic Content and Antioxidant Activities of Some Wild and Cultivated Blueberries from Romania, Bunea A, Rugina D, Pintea A, Scorla Z, Bunea C, Socaciu C (2011), Not Bot Horti Agrobo 39(2):70-76.	Total phenolics and anthocyanin profiles of Romanian wild and cultivated blueberries by direct infusion ESI-IT-MS/MS SIMONA GANCEA*, FLORIANA MOISEENCO, PIETRO TRALDI, Romanian Biotechnological Letters, Vol. 18, No.3, 2013, 8350-8360	6	1,67	
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FROM PHYTOCHEMISTRY TO METABOLOMICS: EIGHT DECADES OF RESEARCH IN PLANT AND FOOD SCIENCE By: Socaciu, Carmen STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 64 Issue: 4 Pages: 205-224 Published: 2019			
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Florin D. BORA¹, Alina DONICI¹, Aurel OȘLOBANU², Avram FITIU³, Anca C. BABEȘ⁴, Claudiu I. BUNEĂ⁴ *. Qualitative Assessment of the White Wine Varieties Grown in Dealu Bujorului Vineyard, Romania, Noi Bot Horti Agrobo, 2016, 44(2):593-602. DOI:10.15835/mbha44210434	QUALITY EVALUATION OF WHITE AND RED WINE VARIETIES, FROM THE MAIN VINEYARDS OF ROMANIA FLOREN DUMITRU BORA¹*, IONICA DINA 2, MARIA ILESCU 3, GABI ZALDEA 4, IONELA CĂTĂLINA GUȚĂ 5 <i>The Annals of the University Dunarea de Jos of Galati Fascicle VI – Food Technology</i> (2018), 42(1), 40-60	6	1.67	
Florin D. BORA¹, Alina DONICI¹, Aurel OȘLOBANU², Avram FITIU³, Anca C. BABEȘ⁴, Claudiu I. BUNEĂ⁴ *. Qualitative Assessment of the White Wine Varieties Grown in Dealu Bujorului Vineyard, Romania, Noi Bot Horti Agrobo, 2016, 44(2):593-602. DOI:10.15835/mbha44210434	RESEARCH REGARDING THE PHENOLIC MATURITY OF THE RED WINE VARIETIES IN THE DEALU BUJORULUI VINEYARD FLOREN DUMITRU BORA, AUREL CIUBUCA, VIORICA ENACHE, ELENA POSTOLACHE* <i>The Annals of the University Dunarea de Jos of Galati Fascicle VI – Food Technology</i> (2018), 42(1), 77-95	6	1.67	
Florin D. BORA¹, Alina DONICI¹, Aurel OȘLOBANU², Avram FITIU³, Anca C. BABEȘ⁴, Claudiu I. BUNEĂ⁴ *. Qualitative Assessment of the White Wine Varieties Grown in Dealu Bujorului Vineyard, Romania, Noi Bot Horti Agrobo, 2016, 44(2):593-602. DOI:10.15835/mbha44210434	QUALITY EVALUATION OF WHITE AND RED WINE VARIETIES, FROM THE MAIN VINEYARDS OF ROMANIA FLOREN DUMITRU BORA¹*, IONICA DINA 2, MARIA ILESCU 3, GABI ZALDEA 4, IONELA CĂTĂLINA GUȚĂ 5 <i>The Annals of the University Dunarea de Jos of Galati Fascicle VI – Food Technology</i> (2018), 42(1), 40-60	6	1.67	
Florin D. BORA¹, Alina DONICI¹, Teodor RUSU, Andreea BUNEĂ, Daniela POPESCU, Claudiu I. BUNEĂ⁴ *. Elemental Profile and 207Pb/206Pb, 208Pb/206Pb, 204Pb/206Pb, 87Sr/86Sr Isotope Ratio as Fingerprints for Geographical Tracability of Romanian Wines, Noi Bot Horti Agrobo, 46(1):223-239	HEAVY METAL AND LEAD-STRONTIUM ISOTOPE CHARACTERIZATION OF BUJORU, OANCEA AND SMULTI WINE CENTRES By: Florin-Dumitru, Bora; Alina, Dorci CARPATHIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY Volume: 11 Issue: 1 Pages: 52-70 Published: 2019	6	1.67	

Florin D. BORA, Alina DONICI, Teodor RUSU, Andreea BUNE, Daniela POPESCU, Claudiu I. BUNEA*, 2018, Elemental Profile and 207Pb/206Pb, 208Pb/206Pb, 204Pb/206Pb, 87Sr/86Sr Isotope Ratio as Fingerprints for Geographical Traceability of Romanian Wines, Not Bot Horti Agrobi. 46(1):223-239	METAL AND LEAD-STROMIUM ISOTOPE CHARACTERIZATION OF RED AND WHITE WINES FROM BUJORU, SMULTI AND OANCEA WINE CENTER, ROMANIA By: Florin-Dumitru, Bora CARPATHIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY Volume: 11 Issue: 3 Pages: 121-139 Published: 2019	6	1.67		
Florin D. BORA, Alina DONICI, Teodor RUSU, Andreea BUNE, Daniela POPESCU, Claudiu I. BUNEA*, 2018, Elemental Profile and 207Pb/206Pb, 208Pb/206Pb, 204Pb/206Pb, 87Sr/86Sr Isotope Ratio as Fingerprints for Geographical Traceability of Romanian Wines, Not Bot Horti Agrobi. 46(1):223-239	Geographic classification of U.S. Washington State wines using elemental and water isotope composition By: Orellana, Shirley, Johansen, Anne M., Gazis, Carey FOOD CHEMISTRY-X Volume: 1 Article Number: UNSP 100007 Published: MAR 30 2019	6	1.67		
Maria Laura Muncaciu, Fernando Zamora Marin, Nastasia Pop, Anca Cristina Babes*, Claudiu Ioan Bunea, Stefania Silvia Baltea, Anamaria Calugai, 2018, Functional Tannins in Grape Pomace Flours of Feteasca Neagra and Italian Riesling, REVISTA DE CHIMIE (Bucharest), 69, No. 8, pp. 2372-2376, 2018	Characterization and Classification of Romanian Wines by Origin A chemometric approach based on some metals and phenolic composition By: Ionele, Roxana Elena, Steganus, Diana Ionele, Geana, Elisabeta Iliac, et al. REVISTA DE CHIMIE Volume: 70 Issue: 11 Pages: 3761-3768 Published: NOV 2019	7	1.43		
Sophie KRAITSCHMER, Barbel PACHINGER, Martina SCHWANTZER, Daniel PAREDES, Gema GUZMAN, José A. GOMEZ, José A. ENTRENAS, Muriel GUERNION, Françoise BUREL, Anneget NICOLAI, Albin FERTIL, Daniela POPESCU, Laura MACAVEI, Adela HOBLE, Claudiu BUNEA, Monika KRIECHBAUM, Johann G. ZALLER, Silvia WINTER, 2019, Response of Wild Bee Diversity, Abundance, and Functional Traits to Vineyard Inter-Row Management Intensity and Landscape Diversity Across Europe., Ecology and Evolution 2019;9:4103-4115	BIODIVERSITY AND ECOSYSTEM SERVICE IN TRANSYLVANIA - NEW APPROACH TO A SUSTAINABLE VINEYARDS By: Popescu, D., Comsa, M., Hoble, A., et al. JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Volume: 20 Issue: 4 Pages: 1870-1879 Published: 2019	18	0.56		
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Sophie KRAITSCHMER, Barbel PACHINGER, Martina SCHWANTZER, Daniel PAREDES, Gema GUZMAN, José A. GOMEZ, José A. ENTRENAS, Muriel GUERNION, Françoise BUREL, Anneget NICOLAI, Albin FERTIL, Daniela POPESCU, Laura MACAVEI, Adela HOBLE, Claudiu BUNEA, Monika KRIECHBAUM, Johann G. ZALLER, Silvia WINTER, 2019, Response of Wild Bee Diversity, Abundance, and Functional Traits to Vineyard Inter-Row Management Intensity and Landscape Diversity Across Europe., Ecology and Evolution 2019;9:4103-4115	Impact indicators: Effects of land use management on functional trait and phylogenetic diversity of wild bees By: Odanaka, Katherine A., Rehan, Sandra M. AGRICULTURE ECOSYSTEMS & ENVIRONMENT Volume: 286 Article Number: UNSP 106663 Published: DEC 1 2019	18	0.56		

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Carotenoids, total polyphenols and antioxidant activity of grapes (Vitis vinifera) cultivated in organic and conventional systems, Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babeş, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea, 2012, Chemistry Central Journal, 2012, 6:66, DOI: 10.1186/1752-153X-6-66.	Odour active compounds determined in the headspace of yellow and black plum wines (Prunus domestica L.) Jun Nimia *, Bernal Guixeb, Richard Spivaioa LWT - Food Science and Technology 130 (2020) 109702 WOS:000552064900081, Ref 6	6	1,67	WOS:000552064900081, ref. 6
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Hall RM, Penke N, Kriechbaum M, Kraitschmer S, Jung V, Chollat S, et al. Vegetation management intensity and landscape diversity alter plant species richness, functional traits and community composition across European vineyards. <i>Agric Syst</i> . 2020 Jan 1; 177:102706. https://doi.org/10.1016/j.agsy.2019.102706	Groundcovers in Olive Groves in Semiarid Climates: Are They Always Beneficial? Blanca Sastre 1, Belén Álvarez 1, Omar Antón 1, María Angeles Pérez 1, María José Marques 2, Ramón Bienes 1 and Andrés García-Díaz 1, * <i>Water</i> 2020, 12, 2230. doi:10.3390/w12082230, WOS:000567123300001, Ref 34	19	0.53	WOS:000567123300001, Ref 34
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Sophie KRATSCHEMER, Barbel PACHINGER, Martina SCHWANTZER, Daniel PAREDES, Gema GUZMAN, José A. GOMEZ, José A. ENTRENAS, Muriel GUERNION, Françoise BUREL, Annegei NICOLAI, Albin FERTIL, Daniela POPESCU, Laura MACAVEI, Adela HOBLE, Claudiu BUNEA, Monika KRIECHBAUM, Johann G. ZALLER, Silvia WINTER, 2019, Response of Wild Bee Diversity, Abundance, and Functional Traits to Vineyard Inter-Row Management Intensity and Landscape Diversity Across Europe. Ecology and Evolution 2019,9:4103– 4115. https://doi.org/10.1002/ece3.5039	Habitat area and connectivity support cavity-nesting bees in vineyards more than organic management by Uzman, D (Uzman, Deniz) 1 1 ; Reineke, A (Reineke, Annette) 1 1 ; Entling, MH (Entling, Martin H.) 2 1 ; Layer, I (Layer, Ikonaj) 3 1 BIOLOGICAL CONSERVATION Volume: 242 Article Number: 108419 DOI: 10.1016/j.biocon.2020.108419, WOS: 000517855100018, Ref 40	19	0.53	WOS:000517855100018 ref. 40
Sophie KRATSCHEMER, Barbel PACHINGER, Martina SCHWANTZER, Daniel PAREDES, Gema GUZMAN, José A. GOMEZ, José A. ENTRENAS, Muriel GUERNION, Françoise BUREL, Annegei NICOLAI, Albin FERTIL, Daniela POPESCU, Laura MACAVEI, Adela HOBLE, Claudiu BUNEA, Monika KRIECHBAUM, Johann G. ZALLER, Silvia WINTER, 2019, Response of Wild Bee Diversity, Abundance, and Functional Traits to Vineyard Inter-Row Management Intensity and Landscape Diversity Across Europe. Ecology and Evolution 2019,9:4103– 4115. https://doi.org/10.1002/ece3.5039	Native cover crops enhance arthropod diversity in vineyards of the Cape Floristic Region Michelle Eckert 1 · Leleod L. Mathukwet 1 · René Gaigher 1 · Lize Joubert-van der Merwe 1 · James S. Pryke 1 Journal of Insect Conservation (2020) 24:133–149 https://doi.org/10.1007/s10841-019-00196-0 , WOS:000498929200001, Ref 43	19	0.53	WOS:000498929200001 ref 43
Bora FD, Bunea CI, Rusu T, Pop N (2015) Vertical distribution and analysis of micro-, macroelements and heavy metals in the system soil-grapevine-wine in vineyard from North-West Romania. Chem Cent J 9:19	Potential use of grapevine cv Askani for heavy metal phytoremediation purposes at greenhouse scale Mohtsen Mirzaei 1 & Jochren Verreisd 2 & Alireza Riyahi Bakhtiar 3 & Salar Maroofi 4 Environmental Science and Pollution Research https://doi.org/10.1007/s11356-020-11129-9 , 2020, WOS:000580508900002, Ref 9	4	2.50	WOS:000580508900002 ref. 9
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Bora FD, Bunea CI, Rusu T, Pop N (2015) Vertical distribution and analysis of micro-, macroelements and heavy metals in the system soil-grapevine-wine in vineyard from North-West Romania. Chem Cent J 9:19	A revised FAAS method for very simple and fast determination of total concentrations of Cu, Fe, Mn and Zn in grape juices with sample preparation developed by modeling experimental design and optimization By Pohl, P (Pohl, Pawel) 1 1 MICROCHEMICAL JOURNAL Volume: 157 Article Number: 104998 DOI: 10.1016/j.microc.2020.104998 Published: SEP 2020, WOS:000564574300006, Ref 3	4	2.50	WOS:000564574300006 ref. 3

Bora FD, Bunea CI, Rusu T, Pop N (2015) Vertical distribution and analysis of micro-, macroelements and heavy metals in the system soil-grapevine-wine in vineyard from North-West Romania. Chem Cent J 9:19	Determination of major and minor elements in Mexican red wines by microwave-induced plasma optical emission spectrometry, evaluating different calibration methods and exploring potential of the obtained data in the assessment of wine provenance By Cruz, TLE (Espinoza Cruz, Tania Lizeth) 11, Esperanza, MG (Guerrero Esperanza, Moises) 11, Wrobel, K (Wrobel, Kazimierz) 11, Bartalos, EY (Yanez Bartalos, Eunice) 11, Aguilar, FJA (Acevedo Aguilar, Francisco Javier) 11, Wrobel, K (Wrobel, Katarz SPECTROSCOPY Volume: 164 Article Number: 105754 DOI: 10.1016/j.sab.2019.105754 Published:FEB 2020, WOS:000518643500007, Ref 6	4	2.50	WOS:000518643500007 ref. 6
Carotenoids, total polyphenols and antioxidant activity of grapes (<i>Vitis vinifera</i>) cultivated in organic and conventional systems, Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babeş, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea, 2012, Chemistry Central Journal, 2012, 6:66, DOI: 10.1186/1752-153X-6-66.	Effect of Jasmonic Acid and Salicylic Acid on Growth and Biochemical Composition of In-Vitro-Propagated <i>Lavandula angustifolia</i> Mill. Ileana Micla 1, Andreea Sutaru 1, Marius Zahra 1 and Andreea Bunea 2,* Agronomy 2020, 10, 1722; doi:10.3390/agronomy10111722, WOS:000592772400001, Ref 9	6	1.67	WOS:000592772400001 ref. 9
Carotenoids, total polyphenols and antioxidant activity of grapes (<i>Vitis vinifera</i>) cultivated in organic and conventional systems, Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babeş, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea, 2012, Chemistry Central Journal, 2012, 6:66, DOI: 10.1186/1752-153X-6-66.	Study on the Relations between Hyperspectral Images of Bananas (<i>Musa spp.</i>) from Different Countries, Their Compositional Traits and Growing Conditions ZhiJun Wang 1, Sara Wilhelmia Erasmus 1, Xiaolong Liu 1 and Saskia M. van Ruth 1,2,* Sensors 2020, 20, 5793; doi:10.3390/s20205793, WOS:000585653000001, Ref 11	6	1.67	WOS:000585653000001 ref. 11
Carotenoids, total polyphenols and antioxidant activity of grapes (<i>Vitis vinifera</i>) cultivated in organic and conventional systems, Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babeş, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea, 2012, Chemistry Central Journal, 2012, 6:66, DOI: 10.1186/1752-153X-6-66.	Phytochemical Profiles, Antioxidant and Antibacterial Activities of Grape (<i>Vitis vinifera</i> L.) Seeds and Skin from Organic and Conventional Vineyards Cristiana Radulescu 1,2,* 1, Lavinia Claudia Burleanu 3,* 1, Cristina Mihaela Nicolescu 2,* 1, Radu Lucian Oileanu 2,* 1, Marius Bumbac 1,2,* 1, Georgela Carmen Holban 4 and Jesus Simai-Gandara 5,* Plants 2020, 9, 1470; doi:10.3390/plants9111470 WOS:000593699200001, Ref 13	6	1.67	WOS:000593699200001 ref. 13
Fiera C., Ulrich W., Popescu D., Bunea, C.-I., Manu, M., Nae, I., Stan, M., Markó, B., Urák, I., Giurginica, A., et al. Effects of vineyard inter-row management on the diversity and abundance of plants and surface-dwelling invertebrates in Central Romania. J. Insect Conserv. 2020.	Mutual and Opposing Responses of Carabid Beetles and Predatory Wasps to Local and Landscape Factors in Vineyards Deniz Uzman 1,* Martin H. Entling 2, Ilona Leyer 3 and Annette Reineke 1 Insects 2020, 11, 746; doi:10.3390/insects11110746, WOS:000593227800001, Ref 33	19	0.53	WOS:000593227800001 ref. 29
Fiera, C.; Ulrich W.; Popescu D.; Buchtozsd, J.; Quenard, P.; Bunea, C.I.; Strauss, P.; Bauert, T.; Kralischmied, S.; Wirtler, S.; et al. Tillage intensity and herbicide application influence surface-activespringtail (Collembola) communities in Romanian vineyards. Agric. Ecosyst. Environ. 2020.	Sustainable Viticulture: Effects of Soil Management in <i>Vitis vinifera</i> Eleonora Cataldo 1, Linda Salvi 1, Sofia Schrödl 1, Paolo Storchi 2 and Giovan Battista Matti 1, Agronomy 2020, 10, 1949; doi:10.3390/agronomy10121949	11	0.91	WOS:000602210200001 ref 20
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Carotenoids, total polyphenols and antioxidant activity of grapes (vitis vinifera) cultivated in organic and conventional systems, Claudiu-Ioan Bunea, Nastasia Pop, Arca Cristina Babes, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea, 2012, Chemistry Central Journal, 2012, 6:56, DOI: 10.1186/1752-153X-6-66.	ANTICANCER ACTIVITY OF ETHANOLIC EXTRACT OF VITIS VINIFERA L. USING MCF7 CELL LINES By:Bai, SD (Bai, S. Dhasaratna) 1 , Tenish, AS (Tenish, A. Silpa) 1 , Geeqi, PG (Geeqi, P. G.) 2 , Anitha, P (Anitha, P.) 3 INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH Pages: 56-61 Special Issue: 7 Published: JAN 2020	6	1,67	WOS:000553559400010 ref. 8

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Bora FD, Bunea CI, Rusu T, Pop N (2015) Vertical distribution and analysis of micro-, macroelementis and heavy metals in the system soil-grapevine-wine in vineyard from North-West Romania. Chem. Central J 9:1-13	Comparative Analysis Regarding the Chemical and Microbiological Characteristics of Some Red Wine Assortments Produced in Two Romanian Viticultural Areas THOMAS DIPPONGI*, CRISTINA MIHALI, ZORICA VOSGANI, ALEXANDRA AVRAM2, ZOITIA BERINDEI, ANCA DUMUTU1, REV.CHIM.(Bucharest) * 71 + no. 1 + 2020	4	1,25
Cateenoids, total polyphenols and antioxidant activity of grapes (Vitis vinifera) cultivated in organic and conventional systems. Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babes, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea. 2012. Chemistry Central Journal, 2012, 6:66, DOI: 10.1186/1752-153X-6-66.	The molality of Tor soro fish (Valenciennes, 1842) using post cryopreservation sperm: the effect of grape juice (Vitis vinifera) as a natural antioxidant N A Anabella1, Abinawanto1,3, J Subagja2, O Z Arifia2, I Muhandri1, M Z Alier IOP Conf. Series: Earth and Environmental Science 584 (2020) 012063 IOP Publishing doi:10.1088/1755-1315/584/1/012063	6	0,83
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Bunea A, Rugina DO, Pirtea AM, scoarța Z, Bunea CI, Socaci C (2011). Comparative Polyphenolic Content and Antioxidant Activities of Some Wild and Cultivated Blueberries from Romania. Notulae Bot Horti Agrobot 39(2): 70-76	Comparison of antioxidant properties of leaves of plants grown in Turkey Recep Palamutoglu1, Seda Yalcin2, * Cemal Kasnak1 World Scientific News 145 (2020) 198-209	5	1,00
Bunea, A., Rugina, D., Pirtea, M.A., Scoarța, Z., Bunea I.C. and Socaci C. 2011. Comparative polyphenolic content and antioxidant activities of some wild and cultivated blueberries from Romania. Not. Bot. Hort. Agrobot 39(2): 70–76, DOI: 10.15835/tnbha3926265	Yield and Quality of Highbush Blueberry Fruit Grown in Western Serbia Aleksandar LEPOSAVIC1*, Olga MITROVIC1, Branko POPOVIC1, Darko JEVREMOVIC1, Aleksandra KORICANAC1, Dragan DUROVIC2 and Tanja VASIC3 Indian Horticulture Journal 10(3/4): 29-35 July-Dec (2020) ISSN: 2249-6823 Indian Society of Advanced Horticulture	6	0,83
Cateenoids, total polyphenols and antioxidant activity of grapes (Vitis vinifera) cultivated in organic and conventional systems. Claudiu-Ioan Bunea, Nastasia Pop, Anca Cristina Babes, Cristian Matea, Francisc Vasile Dulf and Andreea Bunea. 2012. Chemistry Central Journal, 2012, 6:66, DOI: 10.1186/1752-153X-6-66.	THE INFLUENCE OF CLIMATIC CONDITIONS ON OENOLOGICAL PARAMETERS OF SOME WINE CULTIVARS FROM DIFFERENT ROMANIAN VINEYARDS P.A. Onachei1*, D.I. Sumetretai, A. Florea1 and A. Tănase1, RJH Vol. 1, 2020: 103-110 DOI 10.51258/RJH.2020.14	6	0,83

3.3 Prezentări invitate în plenul științifice naționale și internaționale și Profesor Invitat (exclusiv POS, ERASMUS)	Punctaj unic pe fiecare activitate	3.3.1 Internaționale	20	Bora F.D., Donici A., Rusu T., Bunea A., Popescu D., Bunea C.I. (2018). Elemental profile and 207Pb/206Pb, 208Pb/206Pb, 204Pb/206Pb, 87Sr/86Sr isotope ratio as fingerprints for geographical traceability of Romanian wines. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> 46(1), 223-239. https://doi.org/10.15835/mbta46110853	MODERN ANALYSIS METHODS USE IN ORDER TO ESTABLISH THE GEOGRAPHIC ORIGIN OF FOOD PRODUCTS. Lev A. Oganesyan, Alexander L. Parasyuk, Elena I. Kuzmina, Dmitry A. Sviridov Food systems. 2020. 3(1) 4-9. DOI: 10.21323/2618-9714-2020-3-1-4-9	6	0.83
		3.3.2 Naționale	5	Bora F.D., Donici A., Rusu T., Bunea A., Popescu D., Bunea C.I. (2018). Elemental profile and 207Pb/206Pb, 208Pb/206Pb, 206Pb/206Pb, 87Sr/86Sr isotope ratio as fingerprints for geographical traceability of Romanian wines. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> 46(1): 223-239	DETERMINATION OF HEAVY METALS CONCENTRATION IN WINE USING INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS). F.D. Boraș, A. Ciubucă, G. Tăbăranu, V. Enache, O. Ciocoi, A. Murășanu, G.G. Ciocanțand S.N. Noaples, R.J.H. Vol. I, 2020: 125-132 DOI 10.51258/RJH.2020.17	6	0.83
3.4 Membru în colective de redacție sau comitete științifice ale revistelor și manifestărilor științifice, Organizator de manifestări științifice	Punctaj unic pe fiecare activitate	3.4.1 ISI	15	Membru comiteul editorial pentru numărul special al revistei <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> (Nr. 2/2017)			0.00
		3.4.2 BDI	10	Membru în comiteul de publicare <i>Bull. USAMV Cluj-Napoca</i> , 2016 Vol. 73 (1)			0.00
Situație	Punctaj unic pe fiecare activitate	3.4.3. Naționale și internaționale	5				0.00
		3.5.1 ISI	10	Recenzor la - <i>USAMV București- Buletin Horticultura, A4life</i> Recenzor la - <i>Food Chemistry</i> Recenzor la - <i>Current Nutrition and Food Science</i> Recenzor la - <i>European Food Research and Technology</i> Recenzor la - <i>Plants, MDPI</i> Recenzor la - <i>Processes, MDPI</i> Recenzor la - <i>Frontiers in Earth Science</i> Recenzor la - <i>Journal of Agricultural and Food Chemistry</i>			0.00
manifestări științifice naționale și internaționale (punctajul se acordă pentru fiecare revistă și manifestare științifică o singură dată/an, indiferent de numărul recenziilor)	Punctaj unic pe fiecare activitate	3.5.2 BDI	5	Recenzor la- <i>International Journal of Advance Agricultural Research</i> Recenzor la- <i>The Journal of Wine Research</i> Recenzor la- <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Horticulture Bull., USAMV Cluj-Napoca, Seria Zootehnie și Biotehnologii</i> International Research Journal of Public and Environmental Health NOTULAE SCIENTIA BIOLOGICAE Journal of Agricultural and Crop Research			0.00
		3.6.1 Internaționale	10 x nr. comisi				0.00
3.6. Referent în comisi de doctorat		3.6.2 Naționale	5 x nr.	Referent în Comisia de doctorat, Craiova, feb 2019, "CERCETARI PRIVIND COMPORTAREA UNOR SOURI DE VITA			0.00

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.
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- (5) Autocitățile sunt excluse.