

LISTA DE LUCRĂRI

Conf.dr. Ioana Roman

A. CĂRȚI ȘI CAPITOLE ÎN CĂRȚI

1. Cărți, capitole în cărți în edituri naționale – 3 cărți (1 unic autor, 2 ca prim autor)

1. **Roman, I.** (2023). Caracteristici ale soiurilor de măr importante pentru extracția de suc, Ed. AcademicPres, Cluj-Napoca, ISBN 978-630-309-007-8, 152 pag.
2. **Roman, I., Titirică I.** (2023). Înființarea unor plantații de afin cu soiuri valoroase, cu fructe bogate în compuși bioactivi, Ed. AcademicPres, Cluj-Napoca, ISBN 978-630-309-008-5, 156 pag.
3. **Roman, I., Ropan G.** (2008) Pomicultură generală, Editura AcademicPres, Cluj-Napoca, Romania, ISBN 978-973-744-130-0, nr. de 247 pag.

B. MANUALE DIDACTICE

1. Manuale didactice – 1 manual cu ISBN ca prim autor

1. **Roman, I., Ropan G.** (2009). Tehnologii Pomicole, 2009, ISBN, Ed. AcademicPres, Cluj-Napoca, ISBN 978-973-744-145-4, nr. de 191 pag.

C. ÎNDRUMĂTOARE DE LUCRĂRI PRACTICE

Caiete de lucrări practice și suporturi de seminar -1 caiet/ghid

1. **Roman, I.** (2009). Didactica Specialităților agronomice, Îndrumător pentru seminarii, 2009, Editura AcademicPres, Cluj-Napoca, ISBN 978-973-744-143-0, nr. de 99 pag.

D. ARTICOLE ȘTIINȚIFICE

1. Articole publicate în reviste cotate ISI (cu Factor de Impact) – 9 articole (5 prim autor/autor corespondent)

1. Titirică, I., **Roman, I.A.,*** (autor corespondent), Nicola, C., Sturzeanu, M., Iurea, E., Botu, M., Sestraș, R.E., Pop, R., Militaru, M., Ercisli, S., Sestras, A.F.* (2023). The Main Morphological Characteristics and Chemical Components of Fruits and the Possibilities of Their Improvement in Raspberry Breeding, Horticulturae, 9(1):50. <https://doi.org/10.3390/horticulturae9010050>, **IF 2.923** WOS: 000917826700001

<https://www.mdpi.com/2311-7524/9/1/50>



2. Felföldi, Z., Ranga, F., **Roman, I.A.***(autor corespondent), Sestras, A.F*., Vodnar, D.C., Prohens, J., Sestras, R.E. (2022) Analysis of Physico-Chemical and Organoleptic Fruit Parameters Relevant for Tomato Quality. *Agronomy*, 12, 1232. <https://doi.org/10.3390/agronomy12051232> **IF 3.9490**, WOS:000804890800001

<https://www.mdpi.com/2073-4395/12/5/1232>

3. Felföldi, Z., Vidican, R., Stoian, V., **Roman, I.A.**, Sestras, A.F., Rusu, T., Sestras, R.E. (2022). Arbuscular Mycorrhizal Fungi and Fertilization Influence Yield, Growth and Root Colonization of Different Tomato Genotype. *Plants* 2022, 11, 1743. <https://doi.org/10.3390/plants11131743>, **IF 4.6580**, WOS:000825713600001

<https://www.mdpi.com/2223-7747/11/13/1743>

4. Szabo, K., Teleky, B.E., Ranga, F., **Roman, I.**, Khaoula, H., Boudaya, E., Ltaief A.B., Aouani W. , Thiamrat M., Vodnar D.C. (2022). Carotenoid Recovery from Tomato Processing By-Products through Green Chemistry *MOLECULES*, Volume 27 Issue 12 Article Number 3771 DOI 10.3390/molecules27123771 Published JUN 2022, **IF 4.9270**, WOS:000816426000001

<https://www.mdpi.com/1420-3049/27/12/3771>

5. Roman A. R., Ranta O., Vac C., **Roman I.***(autor corespondent) (2021). Increase the efficacy of weed control from wheat culture using the asymmetrical twin flat spray air injector nozzles - IDTA, Romanian Agricultural Research, No. 38, 2021 Print ISSN 1222–4227; Online ISSN 2067–5720, NARDI FUNDULEA, ROMANIA, www.incda-fundulea.ro, **IF 0,50**, WOS: WOS:000681706500040

<https://www.incda-fundulea.ro/rar/nr38/rar38.41.pdf>

6. **Roman, I.**, Vac, C., Roman, R. (2020). Assessment of physicochemical properties of autumn and winter apple varieties and their pretability for juice extraction. *Acta Scientiarum Polonorum Hortorum Cultus*, 19(2), 35-48. <https://doi.org/10.24326/asphc.2020.2.4> **IF 0,616**, WOS: 005377090000004

<https://czasopisma.up.lublin.pl/index.php/asphc/article/view/1488>

7. Stănilă, A., Diaconeasa Z., **Roman I.**, Sima N., Măniuțiu D., Roman A., Sima R. (2015). Extraction and Characterization of Phenolic Compounds from Rose Hip (*Rosa canina* L.) Using Liquid Chromatography Coupled with Electrospray Ionization - Mass Spectrometry, *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 43(2): 349-354. **IF 0,547**, WOS:000366877100008

<https://www.notulaebotanicae.ro/index.php/nbha/article/view/10028/7844>

8. **Roman, I.**, Stănilă, A., Stănilă, S. (2013). Bioactive compounds and antioxidant activity of *Rosa canina* L. biotypes from spontaneous flora of Transylvania, *Chemistry Central Journal*, ISSN 1752-153X, 7(1):73, **IF 2,012**, WOS:000319739600001.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3668991/>

9. Hodișan, T., Socaciu, C., **Roman, I.**, Neamțu, G. (1997). Carotenoid composition of *Rosa canina* fruits determined by thin layer chromatography and high-performance liquid chromatography, *Journal of Pharmaceutical and Biomedical Analysis* 16, 521-528, **IF 1,481**, WOS:A1997YJ69500019

<https://ur.booksc.org/book/4762189/7eda61>



2. Articole în extenso publicate în reviste indexate BDI – 16 lucrări

1. **Roman, I.**, Titirică I., Odagiu, A., Boț A., Roman, R. (2022). Theoretical studies regarding the establishment of an organic blueberry culture, ProEnviroment, Vol.15, No. 52: 495-506, Print ISSN: 1844 – 6698, Electronic ISSN: 2066 – 1363.
2. **Roman, I.**, Odagiu, A., Roman A. R. (2022). Recycling of biomass resulting from apple orchards and contributions to sustainable development, ProEnviroment, Volume 15, No. 52: 507-515, Print ISSN: 1844 – 6698, Electronic ISSN: 2066 – 1363.
3. Roman, A.R., Odagiu, A., Vac, C., Coca, M.C., **Roman, I.***(autor coresp.) (2020). Theoretical study regarding to the different types of machines used for phytosanitary treatments, ProEnvironment/ProMediu, Vol 13, No 41: , ISSN: 2066-1363.
<http://journals.usamvcluj.ro/index.php/promediu/article/view/13797>
4. Roman, A.R., Oroian, I., **Roman, I.** (2015). Theoretical Study - Romanian Legislation and Standards Applicable to the Agriculture Machinery and Equipment for Chemical Treatment, ProEnvironment Volume 8, No. 22 (2015) Print ISSN: 1844 – 6698, Electronic ISSN: 2066 – 1363, p. 246-250.
<http://journals.usamvcluj.ro/index.php/promediu/article/viewFile/11877/9707>
5. **Roman, I.**, Stănilă, A., Holonec, L. (2012). Morphological Characterization and Identification of the Variety and the Form of Eight Biotypes of Rosa Canina from Transylvania, Buletin of University of Agricultural Sciences and Veterinary Medicine. Horticulture, 2012, 69 (1), 309-316.
<https://journals.usamvcluj.ro/index.php/horticulture/article/view/8534>
6. **Roman, I.**, Ardelean, M., Ropan, G. (2009). Phenotypic, Genotypic and Environmental Correlations between Fruit Characteristics Confirming Suitability to Juice Extraction in F1 Apple Hybrids, Buletin UASVM, Horticulture Print ISSN 1843-5254; Electronic ISSN 1843-5394, nr.66 (1-2): 84-87.
<http://journals.usamvcluj.ro/index.php/horticulture/article/view/3795>
7. **Roman, I.**, Ardelean, M., Mitre, I., Mitre, V. (2008). Heritability of quantitative traits of interest for production of juice in F1 apple hybrids, Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, 2008, Vol. 65 (1), 80-83.
<http://journals.usamvcluj.ro/index.php/horticulture/issue/view/51>
8. Mitre, I., Mitre, V., **Roman, I.**, Pop, A. (2008). Campfo- Ca 000 - Leaf fertilizer efective in preventing cracking in the sweet cherry, Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, Vol. 65 (1), 273-277.
<http://journals.usamvcluj.ro/index.php/horticulture/article/view/542>
9. **Roman, I.**, (2008). Heritability of quantitative traits of interest for production of juice in autumn- and winter apple cultivars as to the conditions at Cluj-Napoca, Analele Universității din Craiova, Seria Horticultură, Vol XIII (XLIX): 229-232.
http://cis01.central.ucv.ro/analele_universitatii/horticultura/2008/cuprins_vol1_Horti_IM.pdf

10. **Roman I.**, Ardelean, M. (2008). General - and specific ability of combination for quantitative traits of interest to juice production with the F1 apple populations under study , *Analele Universității din Craiova, Seria Horticultură, Vol XIII (XLIX):233-236.*
http://cis01.central.ucv.ro/analele_universitatii/horticultura/2008/cuprins_vol1_Horti_IM.pdf
11. Mitre, V., Mitre, I., **Roman, I.** (2008). Copper-amoniac phosphate in the treatment of certain stone fruits, *Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, Vol. 65 (1), 278-282.*
<https://core.ac.uk/download/pdf/276533512.pdf>
12. **Roman, I.**, Ardelean M., Mitre V., Hârșan E. (2007). Phenotypic, genotypic and environmental correlations between fruit characteristics confirming suitability to juice extraction in winter apple, *Buletin USAMV, Vol. 64:58-62, Print ISSN 1843-5254, Electronic ISSN 1843-5394.*
<http://journals.usamvcluj.ro/index.php/horticulture/article/download/1922/1855/>
13. Mitre, V, Mitre, I., **Roman, I.** (2007). Orientări noi în cultura cireșului, *Agricultura, Revistă de știință și practică agricolă Anul XIV 1-2, pag. 120-124.*
<http://journals.usamvcluj.ro/index.php/agricultura/article/view/2879>
14. Mitre, I., Mitre, V., **I. Roman.** (2007). Materialul săditor-garant pentru plantații reușite de nuc, *Agricultura. Revistă de știință și practică agricolă, Anul XVI, nr. 1-2, pag.105-111.*
15. **Roman I.**, Ardelean, M., Sestraș, R., Ghidra, V., Hârșan, E. (2002). Conținutul fructelor în zahăr la hibridii F1 de măr proveniți din încrucișări ciclice, *Analele Universității din Craiova, seria Biologie Horticultura, Tehnologia prelucrării produselor agricole vol. VII(XLIII):174-180.*
16. Ropan, G., Ardelean, M., Sestraș, R., Mitre, V., Mitre, I., **Roman, I.** (2002). Fruit growing in Romania in the 20th century, *Journal of Central European Agriculture, Vol.3, No. 2: 83-88.*
<http://hrcak.srce.hr/ojs/index.php/jcea/article/view/117/62>

3. Articole short communication indexate în baze de date internaționale BDI – 8 lucrări

1. **Roman, I.**, L. Holonec L., 2012, Strategy of Establishing a Rosehip Plantation Using Varieties of Rosa Canina from Spontaneous Flora of Transylvania, Ioana Roman, Liviu Holonec, *Bulletin UASVM Horticulture, 69(1):423-425*
2. Bochiș C., Ropan G., **Roman I.**, Mitre V, Mitre I., Pop A., 2008, The influence of foliar fertilization upon growing at five apple varieties form e.u. in superintensive culture, *Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, Vol. 65(1), 506.*
3. Bochiș C., Ropan G., **Roman I.**, Pop A., Mitre V, Mitre I., Balea G., 2008, The effect of foliar fertilization upon photosynthesis process at five apple varieties, *Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, 2008, Vol. 65 (1), 507.*
4. Ropan G., **Roman I.**, Ardelean M., Carmen Bochiș, 2008, Performances of autumn apple varieties and winter ones regarding characteristics conferring high fitness for juice extraction, *Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, Vol. 65 (1-2), 520.*

5. **Roman I.**, Ardelean M., Mitre I., Mitre V., 2008, Heredity of certain quantitative traits at autumn and winter apple cultivars in the conditions from Cluj-Napoca, Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, 2008, Vol. 65 (1), 466.
6. Mitre, V., **Ropan I.**, Mitre I., Ropan G., 2007, Comportment of some new apple varieties widely spread in eu countries within the pedologic and climatic conditions at Ip, Sălaj county, Vol. 64:747.
7. **Ropan I.**, Mitre, I., Mitre V., 2007, Influence of variety upon recovery of yielding potential through overgrafting in old apple orchards, Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, 2007, Vol. 64: 748.
8. **Roman, I.**, Ardelean M., Mitre V., Mitre I., 2007, Phenotypic, genotypic and environmental correlations between fruit characteristic conferring suitability to juice extraction in autumn apple, Buletin of University of Agricultural Sciences and Veterinary Medicine, Horticulture, 2007, Vol. 64:759.

4. Articole, studii prezentate la conferințe/simpozioane internaționale și naționale - 6 lucrări

1. **Roman I.**, 2013, Educate feeding behaviour for healthy body, Book of Abstracts, pag.72, Poster, 4 th CASEE Conference: "Food and Biomass Production - Basis for a Sustainable Rural Development", Zagreb, Croația.
2. **Roman, I.**, 2012, Assesment of autumn and winter apple varieties with regard to certain traits conferring suitability to juice production, The 3rd CASEE Conference "Suitable Agriculture and Food Production in the Danube region", USAMVA Cluj-Napoca, 3-5 May, 2012, Cluj-Napoca, România.
3. **Roman I.**, Ropan G., 2008, Studii privind comportarea unor soiuri de măr din UE cultivate la Ip, Simpozionul național cu participare internațională "Simpozion privind metodele de protecție a livezilor", organizator OJCA Salaj și SC SălajPlant SRL, 12.09. 2008, Ip, Sălaj, România.
4. **Roman, I.**, Bochiș C., Ropan G., 2008, Încălzirea globală, Simpozionul național cu participare internațională "Simpozion privind metodele de protecție a livezilor", organizator OJCA Salaj și SC SălajPlant SRL, 12.09. 2008, Ip, Sălaj, România.
5. **Roman, I.**, Ropan G., Bochiș C., 2008, Cercetarea hazardelor naturale, Simpozionul național cu participare internațională "Simpozion privind metodele de protecție a livezilor", organizator OJCA Salaj și SC SălajPlant SRL, 12.09. 2008, Ip, Sălaj, România.
6. Mitre, V., Mitre I., **Roman I.**, 2008, Apărarea pomilor contra loviturilor de grindină, Simpozionul național cu participare internațională "Simpozion privind metodele de protecție a livezilor", organizator OJCA Salaj și SC SălajPlant SRL, 12.09. 2008, Ip, Sălaj, România.

