

Articole/Studii publicate în reviste

a) Articole publicate în reviste cotate ISI

1. Ana-Maria Petre, Aurelia Dobrescu, Adrian Peticilă, Monica Luminița Badea, 2018. *Physiological study of various cultivars of Punica granatum (L) with an eye to acclimatization to Români's environmental conditions*, Scientific Papers, series B, Horticulture, vol. LXII, Online ISSN 2286-1580, ISSN-L 2285-5653. <http://horticulturejournal.usamv.ro/pdf/2018/vol2018.pdf>
2. Daniela Predoi, Simona Liliana Iconaru, Nicolas Buton, **Monica Luminița Badea**, Luminița Maruțescu, 2018. *Antimicrobial activity of new materials based on Lavender and Basil essential oils and hydroxyapatite*, Nanomaterials, 8(5), 291; doi: 10.3390/nano8050291, 1-19. <https://www.ncbi.nlm.nih.gov/pubmed/29710862>
3. D. Predoi, S.L. Iconaru, N. Buton, G. Predoi, F. Barbuceanu, C.C. Petre, G. Jiga, **M.L. Badea**, A.M. Prodan, 2018. *Antimicrobial Studies on Iron Oxide-Dextran Colloidal Suspension*, AIP Proceedings, 9th International Conference on Times of Polymers and Composites, 0094-243X(print), 1-4. <https://aip.scitation.org/doi/abs/10.1063/1.5045967?journalCode=apc>
4. C.C. Negrila, S.L. Iconaru, M. Motelica-Heino, R. Guegan, G. Predoi, F. **Barbuceanu**, R. V. Ghita, C.C. Petre, G. Jiga, **M.L. Badea**, A.M. Prodan, D. Predoi, 2018. *Commercial Hydroxyapatite Powders for Lead Removal from Aqueous Solution*, AIP Proceedings, 9th International Conference on Times of Polymers and Composites, 0094-243X (print) 1-4 <https://waseda.pure.elsevier.com/en/publications/commercial-hydroxyapatite-powders-for-lead-removal-from-aqueous-s>
5. **Monica Luminița Badea**, Aurelia Dobrescu, Elena Delian, Ioana Marcela Pădure, Liliana Bădulescu, 2017. *Chemical constituents of the essential oil of Artemisia santonica L. (Asteraceae) ecotypes from Romania*, Scientific papers, series B, Horticulture. vol. LXI 2017 print ISSN 2285-5653, Cd-Rom ISSN 2285-5661, online ISSN 2286-1580, ISSN-L 2285-5653, 451-454 <http://horticulturejournal.usamv.ro/pdf/2017/Art66.pdf>
6. Aurelia Dobrescu, Gheorghita Hoza, Gabriela Neață, Ana Maria Petre, **Monica Luminița Badea**, Mohammed Jasim Mohammed, 2017. Influence of different gibberellic acid (ga 3) concentrations on the intensity of the main physiological processes on various green lettuce hybrids, Annals of the University of Craiova, Food produce processing technology environmental engineering, vol. XXII (LVIII), 101-106, http://horticultura.ucv.ro/horticultura/sites/default/files/horticultura/Reviste/Analele/2017/anale2017_journalcontent.pdf
7. Maria-Daniela Buturugă, D.I Săndoiu, Gh. Ștefanic, Liliana Bădulescu, **Monica Luminița Badea**, 2017. *The influence of wheat and maize crops in rotation and monoculture on soil physiological components*, Research Journal of Agricultural Science, 49 (4), 86-90. https://www.rjas.ro/paper_detail/2504

8. Alina Surugiu, Ecaterina Andronescu, Claudiu Turculeț, Mircea Beuran, **Monica Luminița Badea**, Forin Mihail Iordache, Gabriel Teleanu, Alina Mihaela Prodan, 2016. *Antimicrobial studies on iron oxide nanoparticles in a silica matrix*, U.P.B. Sci. Bull, Seria B, vol.78, Iss.4, ISSN 1454-2331, 53-62.
9. S. L. Iconaru, C. Turculeț, P. Le Coustumer, C. Bleotu, M. C. Chifiriuc, V. Lazar, **A. Surugiu, M. Badea**, F. M. Iordache, M. Soare, A. M. Prodan, 2016. *Biological Studies On Dextrin Coated Iron Oxide Nanoparticles*, Romanian Reports in Physics, ISSN 1221-146X,68(4):1536-1544. http://www.rrp.infim.ro/2016_68_4/A16.pdf
10. C.S. Turculeț, A.M. Prodan, I. Negoii, G. Teleanu, M. Popa, E. Andronescu, M. **Beuran**, G.A. Stanciu, R. Hristu, **M.L. Badea**, A. Iosif, S.M. Raita, N. Vineticu, R. Trusca, O. Lupescu, 2016. *Preliminary evaluation of the antifungal activity of samarium doped hydroxyapatite thin films*, Romanian Biotechnological Letters, ISSN 1224 – 5984, 1-6. <https://www.rombio.eu/vol23nr5/4.pdf>
11. Ecaterina Andronescu, Alina Surugiu, **Monica Luminița Badea**, Carmen Steluta Ciobanu, Alin Iosif, *Antimicrobial activity of europium doped hydroxyapatite powders after immersion in SBF solution*, U.P.B. Sci. Bull., Series B, Vol. 78, Iss. ISSN 1454-2331,147-154,2016. https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full2ff_917704.pdf
12. E. Andronescu, F. M. Iordache, C. S. Ciobanu, M. L. Badea, A. Costescu, A. M. Prodan, 2015. *Optical Properties of Bioactive Europium Doped Hydroxyapatite (Hap:Eu3+)*, Optoelectronics and Advanced Materials – Rapid Communications Vol. 9, No. 9-10, 1155–1159,ISSN 1842-6573.

b) Articole/Studii publicate în reviste indexate în baze de date internaționale specifice domeniului (BDI)

1. Aurelia Dobrescu, Gheorghita Hoza, Gabriela Neață, Ana Maria Petre, **Monica Luminița Badea**, Mohammed Jasim Mohammed, 2017. *Influence of different gibberellic acid (ga 3) concentrations on the intensity of the main physiological processes on various green lettuce hybrids*, Annals of the University of Craiova, Food produce processing technology environmental engineering, vol. XXII (LVIII), 101-106, http://horticultura.ucv.ro/horticultura/sites/default/files/horticultura/Reviste/Analele/2017/anale2017_journalcontent.pdf
2. Maria-Daniela Buturugă, D.I Săndoiu, Gh. Ștefanic, Liliana Bădulescu, **Monica Luminița Badea**, 2017. *The influence of wheat and maize crops in rotation and monoculture on soil physiological components*, Research Journal of Agricultural Science, 49 (4), 86-90. https://www.rjas.ro/paper_detail/2504
3. **Monica Luminița Badea**, Ioana Pădure, Sorin Ștefănuț, Aurelia Dobrescu, Liliana Bădulescu,2013. *The Chorology of Artemisia alba Turra, A. Ierchiana Webwr and A. tschernieviana Besser (Asteraceae) in Romania*, Scientific Papers, Series B, Horticulture, Vol.LVII,ISSN-2285-5653,153-158. <http://horticulturejournal.usamv.ro/index.php/component/content/article?id=265>

4. Mihaela Ioana Georgescu, Ioana Marcela Pădure, Florin Toma, **Monica Badea**, Sorina Petra, 2013. *Spontaneous species with ornamental potential: Aster Oleifolius (Lam.) Wagenitz (I) - Morphology, Ecology, Chorology*, Scientific Papers. Series B, Horticulture. Vol. LVII, 2013 Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L2285-5653,327-331. <http://horticulturejournal.usamv.ro/index.php/scientific-papers/9-articles/246-spontaneous-species-with-ornamental-potential-aster-oleifolius-lam-wagenitz-i-morphology-ecology-chorology>
5. **Badea Monica Luminița**, Dobrescu Aurelia, Delian Elena, Georgescu Mihaela, Bădulescu Liliana, 2012. *Research on secreting tissue and the volatile oil composition of Artemisia dracunculus and Artemisia dracunculus var.pilosa species.*, Annales of the University of Craiova, Biology, Horticulture, Food produce processing technology, environmental engineering, Vol. XVII (LIII) /2 , P-ISSN: 1453-1275, 495-500. <http://www.anucraiova.3x.ro/v2012-2.html>
6. Mihaela Sima, Ioan Burzo, Aurelia Dobrescu, **Monica Luminița Badea**, Elena Delian, Liliana Bădulescu, 2011. *The influence of mulch and eggplant variety on some leaves physiological parameters*, Lucrări Științifice, USAMV București, Seria B, Vol.LV, ISSN 1222-5312, 647-651. [http://horticulturejournal.usamv.ro/pdf/11.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LV,%202011%20\(CD-ROM\).pdf](http://horticulturejournal.usamv.ro/pdf/11.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LV,%202011%20(CD-ROM).pdf)
7. Zamfirache M.M., Burzo I., Gostin I., **Badea M.L.**, Olteanu Z., Ștefan M., Pădurariu C., Truță E., Boz I., Andro A.R., 2011. *Recheaches concerning the micromorphology of secretory trichomes and chemical composition of volatile oils in some medicinal and aromatic taxa of Lamiaceae family*, Romanian Biological Sciences, IX(1-4): 47-48. http://www.bio.uaic.ro/publicatii/anale_vegetala/issue/2010F1/05-2010F1.pdf
8. Irina Boz, Claudia Padurariu, Maria Magdalena Zamfirache, Ioan Burzo, Simona Dunca, Marius Stefan, Lacramioara Ivanescu, Zenovia Olteanu, **Monica Luminița Badea**, Irina Gostin, Anca-Raluca Andro, 2011. *Chemical composition and antimicrobial activities of volatile oils in some Lamiaceae species*, Journal of Biodiversity and Ecological Sciences (JBES)1 (1), 21-27. <https://www.sid.ir/en/journal/JournalListPaper.aspx?ID=83744>
9. **Monica Luminita Badea**, Maria Magdalena Zamfirache, 2011. *Anatomical research on Atremisia santonica and Artemisia scoparia (Asteraceae)*, An. șt. Univ. „Alexandru Ioan Cuza” din Iași, Serie nouă, Secțiunea II a. Biologie vegetală, LVII (2), ISSN: 1223-6578: 21-24. http://www.bio.uaic.ro/publicatii/anale_vegetala/issue/2011F2/03-2011F2.pdf
10. Sima Mihaela, Bădulescu Liliana, Burzo Ioan, Dobrescu Aurelia, **Badea Monica Luminița**, Lagunovschi Luchian Viorica, Delian Elena, Dan Maria, 2010. *Research on the accumulation of macro elements in eggplant organs depending of the applied technology*, Lucrări Științifice, Seria B, Vol. LIV, ISSN 1222-5312, 709-715. [http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20\(CD-ROM\).pdf](http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20(CD-ROM).pdf)

11. Sima Mihaela, Bădulescu Liliana, Burzo Ioan, Dobrescu Aurelia, **Badea Monica Luminița**, Lagunovschi Luchian Viorica, Delian Elena, Dan Maria, 2010. *Research on trace elements and heavy metals accumulation in eggplant organs depending on the applied technology*, *Lucrări Științifice*, Seria B, Vol. LIV, ISSN 1222-5312, 701-708. [http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20\(CD-ROM\).pdf](http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20(CD-ROM).pdf)
12. Bădulescu Liliana, Săvulescu Elena, Delian Elena, Dobrescu Aurelia, Georgescu Mihaela, **Badea Monica Luminița**, Ciocârlan Vasile, 2010. *The secretory structures and volatile oil composition of Mentha aquatica L.*, *Lucrări Științifice*, Seria B, Vol. LIV, ISSN1222-5312625-628. [http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20\(CD-ROM\).pdf](http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20(CD-ROM).pdf)
13. Dobrescu Aurelia, Burzo Ioan, Delian Elena, Bădulescu Liliana, Sima Mihaela, **Badea Monica**, Diaconu Aurelia, 2010. *Effect of applied fertilizer on the chemical composition and quality of potatoes*, *Lucrări Științifice*, Seria B, Vol. LIV, ISSN 1222-5312, 633-638, <http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20%28CD-ROM%29.pdf>
14. **Badea Monica**, Burzo I., Ciocârlan V., Dobrescu Aurelia, Sima Mihaela, Bădulescu Liliana, 2010. *Researches concerning the chemical composition of essential oil from Artemisia austriaca (Asteraceae) Jacq*, *Lucrări Științifice*, Seria B, Vol. LIV, ISSN 1222-5313, 621-624. [http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20\(CD-ROM\).pdf](http://horticulturejournal.usamv.ro/pdf/10.%20Lucrari%20stiintifice,%20Seria%20B,%20Horticultura,%20Vol%20LIV,%202010%20(CD-ROM).pdf)
15. Maria Magdalena Zamfirache, Ioan Burzo, Claudia Padurariu, Irina Boz, Anca-Raluca Andro, **Monica Luminița Badea**, Zenovia Olteanu, Carmen Lamban, Elena Truta, 2010. *Studies regarding the chemical composition of volatile oils from some spontaneous and cultivated Lamiaceae species.*, An. șt. Univ. "Alexandru Ioan Cuza" din Iași, Serie nouă, Secțiunea II a. Biologie vegetală, LVI (1), ISSN: 1223-6578: 43-49. http://www.bio.uaic.ro/publicatii/anale_vegetala/issue/2010F1/05-2010F1.pdf
16. Anca-Raluca Andro, Maria-Magdalena Zamfirache, Irina Boz, Claudia Padurariu, Ioan Burzo, **Monica Luminița Badea**, Constantin Toma, Ramona Crina Gales, Zenovia Olteanu, Elena Truta, Irina Gostin, 2010. *Comparative research regarding the chemical composition of essential oils from some Lamiaceae taxa*, Journal of Academy of Sciences of Moldova, Life Sciences, nr. 2 (311) Chișinău, Republica Moldova ISBN: 1857-064X: 161-165. https://ibn.idsi.md/sites/default/files/imag_file/Comparative%20research%20regarding.pdf
17. Maria Magdalena Zamfirache, Ioan Burzo, Irina Gostin, Zenovia Olteanu, Marius Ștefan, **Monica Luminița Badea**, Claudia Padurariu, Ramona Crina Gales, Lidia Adumitresci, Carmen Lamban, Elena Truță, Irina Stanescu, 2009. *Glandular trichomes and essential oil constituents of Perovskia atriplicifolia Benth.*, An. St. Univ. „Alexandru Ioan Cuza” din Iași, Secțiunea II a. Genetică și Biologie Moleculară, X (4), ISSN: 1582-3571: 73-80.

18. **Monica Badea**, Liliana Bădulescu, Ioan Burzo, Aurelia Dobrescu, Mihaela Sima, Ioana Pădure, Elena Delian, 2009. *Biochemical research on fresh herba of Artemisia vulgaris L. and Artemisia absinthium L. (Asteraceae)*, *Lucrări Științifice, Seria B*, Vol. LIII, ISSN 1222-5312, 619-622.