

## Articole publicate în reviste indexate Web of Science

### 2021

1. Călin Maria, Cristea Tina Oana, Brezeanu Petre Marian, Ambăruș Silvia, Brezeanu Creola, Muscalu Sebastian Petru, Sova Florin, Antal Andreea, Prisecaru Maria, Costache Marcel, Sovarel Gabriela, Bratu Liliana, Burnichi Floarea, Sbîrciog Gicuța. "Biological control of pepper pests in organic agriculture." Acta Hort. 1269. 2020. Număr pagini 8, WOS:001209198200022, [https://www.ishs.org/ishs-article/1269\\_22](https://www.ishs.org/ishs-article/1269_22)
2. Mândru Iuliana, Costache Marcel, Hoza Dorel, & Cristea Stelica. "The influence of cultivar and phytosanitary treatments on the attack of specific pathogens and tomato yield in the Vidra Area, Ilfov County". Scientific Papers. Series B. Horticulture, 65(1), 2021. Număr pagini 8, WOS:000712336700068 IF =0,4 [https://www.horticulturejournal.usamv.ro/pdf/2021/issue\\_1/Art67.pdf](https://www.horticulturejournal.usamv.ro/pdf/2021/issue_1/Art67.pdf)

### 2022

1. Hălmagyi Adela, Vălimăreanu Sergiu, Șovărel Gabriela, Coste Ana. "Cryo-Tehnologies for ex situ conservation of Rosa germplasm". MDPI, Journal Plants, vol. 11 (8), art. 1095, 2022. Număr pagini 13. WOS:000786074600001, IF =4,5 <https://www.mdpi.com/2223-7747/11/8/1095>
2. Popa Gabriela, Zăgrean Valentin, Cornea Călina Petruța, Șovărel Gabriela, Nicolcioiu Bogdan, Rusu Ionuț, "Increasing the nutritional quality of Pleurotus eryngii by Gamma irradiation of living mycelium", Scientific Papers. Series B, Horticulture. Vol. 66, No. 1, 2022. Număr pagini 5, WOS:000888877000075, IF =0,4 <https://horticulturejournal.usamv.ro/index.php/scientific-papers/issues?id=1152>

### 2023

1. Șovărel Gabriela, Scurtu Ion, Hogeș Simona, Sbîrciog Gicuța. "Influence of different doses of organic fertilizer from poultry fertilizer pellets on melon and cucumber crop". Acta Horticulturae, 1375, 2023. Număr pagini 8, WOS:001203081000049 [https://www.ishs.org/ishs-article/1375\\_49](https://www.ishs.org/ishs-article/1375_49)

## 2024

1. Sovarel Gabriela, Scurtu Ion, Hogeia Simona, Sbirciog Gicuța. "Biological control of main diseases and pests on melon crops in the field". Scientific Papers. Series B, Horticulture, Vol. LXVIII, Issue 1, 2024, Număr pagini 6, IF =0,4, WOS:001368682800066, <https://horticulturejournal.usamv.ro/index.php/scientific-papers/issues?id=1530>
2. Șovărel Gabriela, Scurtu Ion, Hogeia Simona, Sbirciog Gicuța. "Biological and conventional control of *Sphaerotheca fuliginea* pathogen on zucchini crops". Scientific Papers. Series B, Horticulture, Vol. LXVIII, Issue 2. 2024 Număr pagini 6, WOS:001441302200030, IF =0,4 [https://horticulturejournal.usamv.ro/pdf/2024/issue\\_2/Art77.pdf](https://horticulturejournal.usamv.ro/pdf/2024/issue_2/Art77.pdf)
3. Buzatu Mihaela Alina, Scurtu Ion, Sbirciog Gicuța, Costache Ileana, Dorobanțu Andrei. "The influence of different doses of pelletized organic fertilizer from poultry farms on round pepper crop". Acta Hortic. 1391, 2024. Număr pagini 6, [https://www.ishs.org/ishs-article/1391\\_61](https://www.ishs.org/ishs-article/1391_61)
4. Constantin Delia Cristina, Scurtu Ion, Sbirciog Gicuța, Dorobanțu Andrei. "Effects of seaweed extract for seed priming of tomatoes and eggplant on seed germination and seedling vigor". Acta Hortic. 1391, 2024, Număr pagini 8, [https://www.ishs.org/ishs-article/1391\\_71](https://www.ishs.org/ishs-article/1391_71)
5. Șovărel Gabriela. "The influence of some foliar fertilizers on the growth and quality of vegetable seedlings from the *Cucurbitaceae* family". Acta Hortic. 1391, 2024. Număr pagini 6, [https://www.ishs.org/ishs-article/1391\\_69](https://www.ishs.org/ishs-article/1391_69)
6. Zăgrean Alexandru Valentin, Rusu Ionuț Cristian, Nicolcioiu Mihai Bogdan, Șovărel Gabriela. "Yielding capacity of spawn of some *Pleurotus ostreatus*, *Pleurotus citrinopileatus* and *Pleurotus columbinus* strains obtained with liquid inoculum". Acta Hortic. 1391, 2024. Număr pagini 8. [https://www.ishs.org/ishs-article/1391\\_70](https://www.ishs.org/ishs-article/1391_70)

## 2025

1. Constantin, D.C., Buzatu, M.A. and Gheorghe, M.C. (2025). Plant density and fertilization for fruit yield and seed production in round pepper. Acta Hortic. 1416, 85-92, Număr pagini 8, DOI: 10.17660/ActaHortic.2025.1416.11, <https://doi.org/10.17660/ActaHortic.2025.1416.11>
2. Dascălu, D.C., Munteanu, N., Buzatu, M.A. and Teliban, G.C. (2025). Treatments with seaweed-based biostimulants for seed production and seed quality in eggplant. Acta Hortic. 1416, 17-24, Număr pagini 8, DOI: 10.17660/ActaHortic.2025.1416.3, <https://doi.org/10.17660/ActaHortic.2025.1416.3>

3. Buzatu, M.A., Constantin, D.C., Sbîrciog, G. and Gheorghe, M.C. (2025). Treatments application frequency of calcium nitrate used in combination with seaweed-based biostimulants on the seed quantity and quality in round pepper. *Acta Hort.* 1416, 79-84, Număr pagini 6, DOI: 10.17660/ActaHortic.2025.1416.10, <https://doi.org/10.17660/ActaHortic.2025.1416.10>
4. Avasiloaiei, D.I., Mirea, E., Gheorghe, C., Brezeanu, P.M. and Calara, M. (2025). A historical perspective on glasshouses in Europe: evolution, innovations, and cultural significance. *Acta Hort.* 1438, 337-346, Număr pagini 10, DOI: 10.17660/ActaHortic.2025.1438.41, <https://doi.org/10.17660/ActaHortic.2025.1438.41>
5. Sbîrciog, G. and Scurtu, I. (2025). The history and contribution of the Research-Development Institute for Vegetable and Floriculture – Vidra to the development of vegetable culture in Romania. *Acta Hort.* 1438, 371-378, Număr pagini 8, DOI: 10.17660/ActaHortic.2025.1438.45, <https://doi.org/10.17660/ActaHortic.2025.1438.45>
6. Hogeia, S.S., Sovarel, G., Costache, M. and Velea, M. (2025). Biological pest control using predators in cucurbit crops in greenhouses. *Acta Hort.* 1416, 379-384, Număr pagini 6, DOI: 10.17660/ActaHortic.2025.1416.50, <https://doi.org/10.17660/ActaHortic.2025.1416.50>
7. Sovarel, G., Hogeia, S.S. and Cenușă, A.A. (2025). Biological and conventional control of *Sphaerotheca fuliginea* and *Tetranychus urticae* on cucumber crops in greenhouses. *Acta Hort.* 1416, 365-370, Număr pagini 6, DOI: 10.17660/ActaHortic.2025.1416.48 <https://doi.org/10.17660/ActaHortic.2025.1416.48>
8. Zăgrean, A.V., Rusu, I.C. and Șovărel, G. (2025). Wild strains of native species of edible/medicinal mushrooms for the development of the assortment cultivated in Romania: a review. *Acta Hort.* 1439, 21-28, Număr pagini 8, DOI: 10.17660/ActaHortic.2025.1439.4 <https://doi.org/10.17660/ActaHortic.2025.1439.4>
9. Hogeia S., Sovarel G. 2025, Conventional and biological control of pests in peppers and eggplants crops in the greenhouse. A Review. *Scientific Papers. Series B, Horticulture*, Vol. LXVIV, Issue 1, Print ISSN 2285-5653, 450-457, Număr pagini 8, [https://horticulturejournal.usamv.ro/pdf/2025/issue\\_1/Art54.pdf](https://horticulturejournal.usamv.ro/pdf/2025/issue_1/Art54.pdf)
10. Paraschiv M., Sovarel G. 2025, Influence of conventional and biological control on postharvest quality of tomatoes. *Scientific Papers. Series B, Horticulture*, Vol. LXVIV, Issue 1, Print ISSN 2285-5653, 505-516, Număr pagini 12, [https://horticulturejournal.usamv.ro/pdf/2025/issue\\_1/Art61.pdf](https://horticulturejournal.usamv.ro/pdf/2025/issue_1/Art61.pdf)

11. Dragomir C.L., Hoza G., Becherescu A., Paraschiv M., Nicola C., Frincu M., Badulescu L., Hoza D. 2025, The influence of microorganisms on the quantitative and qualitative characteristics of tomato fruits. Scientific Papers. Series B, Horticulture, Vol. LXVIV, Issue 1, Print ISSN 2285-5653, 433-443. Număr pagini 11, [https://horticulturejournal.usamv.ro/pdf/2025/issue\\_1/Art52.pdf](https://horticulturejournal.usamv.ro/pdf/2025/issue_1/Art52.pdf)
12. Ciubotarasu R., Badea M.L., Livadariu O., Paraschiv M., Hoza D. 2025, The chemical composition of the essential oil and associated hydrosol obtained from two plants of the *Asteraceae* family, *Santolina Chamaecyparissus* L. and *Tanacetum vulgare* L.. Scientific Papers. Series B, Horticulture, Vol. LXVIV, Issue 1, Print ISSN 2285-5653, 725-733, [https://horticulturejournal.usamv.ro/pdf/2025/issue\\_1/Art89.pdf](https://horticulturejournal.usamv.ro/pdf/2025/issue_1/Art89.pdf)
13. Constantin D.C., Paraschiv M. 2025, Enhancing fruit yield and quality in pepper and eggplant: The Role of mulching techniques. Scientific Papers. Series B, Horticulture, Vol. LXVIV, Issue 2, Print ISSN 2285-5653, 411-420, [https://horticulturejournal.usamv.ro/pdf/2025/issue\\_2/Art51.pdf](https://horticulturejournal.usamv.ro/pdf/2025/issue_2/Art51.pdf)
14. Sovarel G., Costache M., Cenusă A.E., Hogeă S., M. 2025, The influence of soil types on seeds germination and plants health to different species of vegetables . Scientific Papers. Series B, Horticulture, Vol. Lxviv, Issue 2, Print Issn 2285-5653, 565-571. Număr pagini 7, [https://horticulturejournal.usamv.ro/pdf/2025/issue\\_2/Art72.pdf](https://horticulturejournal.usamv.ro/pdf/2025/issue_2/Art72.pdf)
15. Gheorghe M.C., Constantin D.C., Paraschiv M., Dinu M. 2025, Exploring the synergistic effects of calcium nitrate and biostimulants on seed yield in *Capsicum annuum* L. var. *grossum* . Scientific Papers. Series B, Horticulture, Vol. LXVIV, Issue 2, Print ISSN 2285-5653, 459-466. Număr pagini 8, [https://horticulturejournal.usamv.ro/pdf/2025/issue\\_2/Art57.pdf](https://horticulturejournal.usamv.ro/pdf/2025/issue_2/Art57.pdf)
16. Rusu, I.-C., Pascariu, O.-E., Popa, A., Diguță, C.-F., Apostol, L., Nicolcioiu, M.-B., Zăgrean, A. V., & Israel-Roming, F. (2025). The Influence of Substrate Composition on Nutritional Content and Biological Activity of Some *Pleurotus* Mushrooms Extracts. *Agriculture*, 15(7), 791. Număr pagini 13, <https://doi.org/10.3390/agriculture15070791>