

I. LUCRĂRI ȘTIINȚIFICE ÎN EXTENSO PUBLICATE ÎN REVISTE COTATE ISI CU FACTOR DE IMPACT

1. Autor principal sau corespondent în reviste cotate ISI

1. **Pădureanu S.**, Burlica R., Stoleru V., Beniga O., Dirlau D., Cretu D.E., Astanei D., Patras A., 2023 - Non-Thermal Plasma-Activated Water: A Cytogenotoxic Potential on *Triticum aestivum*. *Agronomy*, 13(2), 459. eISSN 2073-4395, <https://doi.org/10.3390/agronomy13020459>. WOS:000938080900001, FI=3.949

2. **Pădureanu S.**, Patras A., 2022. Biological Response of *Triticum aestivum* L. to the abiotic stress induced by winemaking waste. *Agronomy*, 12(6),1371, eISSN: 2073-4395, <https://doi.org/10.3390/agronomy12061371>, WOS:000816091900001, FI=3.949

3. **Pădureanu Silvica**, Patras Antoanela, 2018 - Palynological characterization, germination potential and pollen tube growth of direct producer hybrids Noah and Othello (*Vitis* genus). *Flora*, vol.240, p.58-67, ISSN:0367-2530, eISSN:1618-0585, <https://doi.org/10.1016/j.flora.2018.01.005> WOS:000427998600008, FI= 1.423

4. **Pădureanu Silvica**, Patras A., 2020 - Germination potential and pollen tube growth in *Galanthus nivalis* L. *Flora*, 264, p.151556, ISSN: 0367-2530, eISSN:1618-0585, <https://doi.org/10.1016/j.flora.2020.151556>, WOS:000520017800007, FI=2.088

5. Jitareanu A., **Padureanu S.***, Tataranga G., Tuchilus C., Stanescu U., 2013 – Evaluation of phytotoxic and mutagenic effects of some cinnamic acid derivatives using the *Triticum* test, *Turk. J. Biol.*, vol. 37(6), p. 748-756, ISSN 1300-0152, eISSN:1303-6092, <https://doi.org/10.3906/biy-1304-39>, WOS:000325747400015, FI=1.216 (*autor corespondent*).

2. Coautor în reviste cotate ISI

6. Stoleru Vasile, Burlica Radu, Mihalache Gabriela, Dirlau Delicia, **Padureanu Silvica**, Teliban Gabriel, Astanei Dragos, Cojocaru Alexandru, Beniuga Oana, Patras Antonela, 2020 - Plant growth promotion effect of plasma activated water on *Lactuca sativa* L. cultivated in two different volumes of substrate. *Scientific Reports*, 10, 20920. ISSN:2045-2322, <https://doi.org/10.1038/s41598-020-77355-w>, WOS:000608975400032, FI= 4.379

7. Jitareanu A., Caba I.C., Trifan A., **Padureanu S.**, Agoroaei L.A., 2019 - *Triticum aestivum* Assay - A Useful Tool for Environmental Monitoring and Toxicity Assessment. *Not Bot Horti Agrobo*, 47(4), p. 1005-1018. ISSN: 0255-965X, eISSN:1842-4309, <https://doi.org/10.15835/nbha47411349>, WOS:000508003800001, FI= 1.168

8. Ghendov-Mosanu A., Cristea E., Patras A., Sturza R., **Padureanu S.**, Deseatnicova O., Turculet N., Boestean O., Niculaua M., 2020 - Potential Application of *Hippophae Rhamnoides* in Wheat Bread Production. *Molecules*, 25(6):1272. eISSN:1420-3049, <https://doi.org/10.3390/molecules25061272>, WOS:000530248700015 FI=4.411

9. Patras A., Stoleru V., Filimon R.V., **Padureanu S.**, Chelariu E.L., Biliaderis C., 2017 - Influence of Sodium and Maturity Stage on the Antioxidant Properties of Cauliflower and Broccoli Sprouts. *Not Bot Horti Agrobo*, 45(2):458-465. ISSN: 0255-965X, eISSN: 1842-4309, <https://doi.org/10.15835/nbha45210972>, WOS:000411504400021 FI=0.648

10. Burlica, R, Astanei, D, Cretu, DE, Dirlau, ID, Beniuga, O., **Padureanu, S.**, Stoleru, V., Patras, A., 2021 - Non-thermal plasma T-shaped reactor for activated water production. 2021, Environmental Engineering and Management Journal, vol. 20(3), pages 397-404. ISSN:1582-9596, eISSN:1843-3707, <http://www.eemj.icpm.tuiasi.ro/>; <http://www.eemj.eu>, WOS:000637746900009, FI=0.858

II. LUCRĂRI ȘTIINȚIFICE ÎN EXTENSO PUBLICATE ÎN REVISTE SAU CONFERINȚE INDEXATE ISI FĂRĂ FACTOR DE IMPACT

1. Autor principal în reviste proceedings

1. **Pădureanu S.**, Stoleru V., Patras A., Burlica R., Dirlau D., Astanei D., Beniuga O., 2018 - Effect of non-thermal activated water on Lactuca sativa L. germination dynamic. pp. 889-892, Indexed 2019-03-01, 10th International Conference and Expositions on Electrical and Power Engineering (EPE), Iasi, Romania. Document Type: Proceedings Paper. ISBN: 978-1-5386-5062-2, ISSN: 2471-6855, <https://ieeexplore.ieee.org/document/8559798>, DOI: 10.1109/ICEPE 2018.8559798, WOS:000458752200173

2. Coautor în reviste proceedings

2. Stoleru V., Stratulat C., Teliban G., **Padureanu S.**, Patras A., Burlica R., Dirlau D., Astanei D., Beniuga O., 2018 - Morphological, Physiological and Productive Indicators of Lettuce under Non-thermal Plasma, pp. 937-942, Indexed 2019-03-01, 10th International Conference and Expositions on Electrical and Power Engineering (EPE), Iasi, Romania. Document Type: Proceedings Paper. ISBN:978-1-5386-5062-2, ISSN:2471-6855, <https://ieeexplore.ieee.org/document/8559894>, DOI: 10.1109/ICEPE 2018.8559894, WOS:000458752200183

3. Gavril B., Hnatiuc E., Sera B., Hruskova I., **Padureanu S.**, Haisan C., 2011 – Possibilities of performing treatments on seeds using cold plasma discharges. pp. 189-192. Indexed: 2011-01-01, 19th Symposium on Physics of Switching Arc, Brno, Czech Republic, Document Type: Proceedings Paper. <https://www.researchgate.net/publication/282017338>, ISBN: 978-80-214-4293-1, WOS:000393239500034

TOTAL LUCRĂRI ISI = 13, din care:

- 6 prim autor/autor corespondent (5 articole ISI cu factor de impact, 1 articol indexat ISI);
- 7 coautor (5 articole ISI cu factor de impact, 2 articole indexate ISI).

III. LUCRĂRI ȘTIINȚIFICE ÎN EXTENSO PUBLICATE ÎN REVISTE INDEXATE ÎN BAZE DE DATE INTERNAȚIONALE (CABI, Copernicus, Doaj etc.)

1. Singur autor/prim autor

1. **Pădureanu Silvica**, 2002 – Researches regarding the variability of the pollen germinative capacity at Fetească neagră grape-vine variety. Anale șt. Univ. „Al.I.Cuza” Iași, tom. XLVIII. s. II a, Biol. vegetală, ISSN: 1223-6578, p. 67-72, CAB Abstracts Record Number : 20033136177.

2. **Pădureanu Silvica**, 2004 – Researches regarding the variability of pollen germination capacity at Ampelopsis aconitifolia Bge. Anale șt. Univ. „Al.I.Cuza” Iași, tom. L, s. II a, Biol. vegetală, ISSN: 1223-6578, p. 43-48, <https://journals.indexcopernicus.com/search/article?articleId=957879>

3. **Pădureanu Silvica**, 2004 – Cytogenetic effects induced by acetate of lead on mitotic division at Allium cepa L. Anale șt. Univ. „Al.I. Cuza” Iași, Genetică și Biologie moleculară, tom. V (1), ISSN: 1582-3571, p. 282-287, <https://doaj.org/article/71e7760897a44575928ec78ff441afe7>.

4. **Pădureanu Silvica**, 2004 – Cytogenetics effects induced by natrium pentacyano-mononitroso-ferrat III on the mitotic division at Allium cepa L. Lucr. șt. U.Ș.A.M.V. Iași, ser. Agron., vol. 47, ISSN: 1454-7414, p. 121-126, CABI Abstract Record Number : 20083022434.

5. **Pădureanu Silvica**, 2004 – Variability of DNA content in the leaves of Frâncușă grape vine sort. Lucr. șt. U.Ș.A.M.V. Iași, ser. Agron., vol. 47, ISSN: 1454-7414, p. 212-214, CAB Abstracts Record Number : 20083022451.

6. **Pădureanu Silvica**, 2005 - Cytogenetics effects induced by nitrate of lead on mitotic division at Allium cepa L. Anale șt. Univ. „Al.I. Cuza” Iași, Genetică și Biologie moleculară, tom. VI, ISSN: 1582-3571, p. 201-206, <https://doaj.org/article/7a48a0a5f2204ee5be986a85d0687907>.

7. **Pădureanu Silvica**, 2005 – Cytogenetic effects induced by the acetate of lead upon the mitotic division of Triticum aestivum L., Lucr. șt. U.Ș.A.M.V. Iași, ser. Agron., vol. 48, ISSN: 1454-7414, p. 20-29, CAB Abstracts Record Number : 20083023484.

8. **Pădureanu Silvica**, 2005 – The cytogenetics effects induced by acetate of lead upon the mitotic division of Lycopersicum esculentum Mill., Lucr. șt. U.Ș.A.M.V. Iași, ser. Hort., vol. 48(1), ISSN: 1454-7376, p. 475-480, CAB Abstracts Record Number : 20083201766.

9. **Pădureanu Silvica**, 2006 – Cytogenetic effects induced by natrium pentacyano-mononitroso-ferrat III on mitotic division at Triticum aestivum L., Lucr. șt. U.Ș.A.M.V. Iași, ser. Agron., vol. 49, ISSN: 1454-7414, p. 105-110, CAB Abstracts Record Number : 20083023316.

10. **Pădureanu Silvica**, 2006 – Cytogenetics effects induced by nitrite of sodium on mitotic division at Allium cepa L. Anale șt. Univ. „Al.I. Cuza” Iași, Genetică și Biologie moleculară, tom. VII, fasc.1, ISSN: 1582-3571, p. 181-186, <https://doaj.org/article/3c5beb9e60794fbf9adfe9268d7027fb>.

11. **Pădureanu Silvica**, 2007 – Cytogenetics effects induced by hexanitrogen-cobaltiat III of sodium on mitotic division at Triticum aestivum L., Lucr. șt. U.Ș.A.M.V. Iași, ser. Agron., vol. 50, ISSN: 1454-7414, p. 29-35, https://scholar.google.ro/scholar?cluster=12794560201802697966&hl=en&as_sdt=2005&scioldt=0,



- 12. Pădureanu Silvica**, 2007 – Variability of RNA content in the leaves of Grasă of Cotnari grape vine sort, *Lucr. șt. U.Ș.A.M.V. Iași, ser. Agron.*, vol. 50, ISSN: 1454-7414, p. 70-73, CAB Abstracts Record Number : 20083047822.
- 13. Pădureanu Silvica**, 2007 – Cytology of *Viola odorata* L., pollen germination. *Anale șt. Univ. „Al.I.Cuza” Iași, tom. LIII, s. II a, Biol. veget.*, ISSN: 1223-6578, p. 60-69, <https://journals.indexcopernicus.com/search/article?articleId=598285>.
- 14. Pădureanu Silvica**, 2007 – Characterization of morphology and germination capacity in *Viola odorata* L. pollen. *Anale șt. Univ. „Al.I.Cuza” Iași, tom. LIII, s. II a, Biol. veget.*, ISSN: 1223-6578, p. 70-76, <https://journals.indexcopernicus.com/search/article?articleId=718051>.
- 15. Pădureanu Silvica**, 2007 – Anomalies occurring during the pollen germination process at some Vitaceae, *Lucr. șt. U.Ș.A.M.V. Iași, ser. Hort.*, vol.50, ISSN: 1454-7376, p. 45-50, CAB Abstracts Record Number : 20113268499.
- 16. Pădureanu Silvica**, 2007 – Cytological variability of pollen germination at *Ampelopsis brevipedunculata* (Maxim.) Trautv., *Lucr. șt. U.Ș.A.M.V. Iași, ser. Hort.*, vol.50, ISSN: 1454-7376, p.51-56, CAB Abstracts Record Number : 20113268500.
- 17. Pădureanu Silvica**, 2008 – Variability of some pollen morphological traits of certain taxons in the bordering area of the Ceahlău National Park, *Anale șt. Univ. „Al.I.Cuza” Iași, tom. LIV, fasc. 2, s. II a, Biol. veget.*, ISSN: 1223-6578, p. 79-85, <https://journals.indexcopernicus.com/search/article?articleId=837702>.
- 18. Pădureanu Silvica**, 2008 – Cytogenetic effects induced by sodium nitrite on mitotic division at *Triticum aestivum* L., *Lucr. șt. U.S.A.M.V. Iasi, ser. Agron.*, vol. 51 (1), ISSN: 1454-7414, p. 3-8, CAB Abstracts Record Number : 20093078806.
- 19. Pădureanu Silvica**, 2008 – Variability of nucleic acids content in the leaves of Tămâioasă românească grapevine variety, *Lucr. șt. U.S.A.M.V. Iasi, ser. Agron.*, vol. 51 (1), ISSN: 1454-7414, p. 56-61, CAB Abstracts Record Number : 20093078840.
- 20. Pădureanu Silvica**, 2009 – Cytogenetic effects induced by lead nitrate on mitotic division in *Lycopersicum esculentum* Mill., *Lucr. șt. U.S.A.M.V. Iasi, ser. Agron.*, vol. 52 (1), ISSN: 1454-7414, p. 234-240, CAB Abstracts Record Number : 20103152865.
- 21. Pădureanu Silvica**, 2009 – Cytology of the germinating process of *Trifolium montanum* L. and *Trifolium pannonicum* Jacq. pollen, *Lucr. șt. U.S.A.M.V. Iasi, ser. Agron.*, vol. 52 (1), ISSN: 1454-7414, p. 227-233, CAB Abstracts Record Number : 20103152864.
- 22. Pădureanu Silvica**, 2009 – Morphological characterization and the germinating potential of *Trifolium montanum* L. and *T. pannonicum* Jacq. pollen, *Anale șt. Univ. ”Al.I. Cuza” Iasi, tom. LV, fasc. I, s. II a. Biol. veget.*, ISSN: 1223-6578, p. 107-115, <https://journals.indexcopernicus.com/search/article?articleId=837698>.
- 23. Pădureanu Silvica**, 2010 - Morphological characterization and the germinating potential of *Lotus corniculatus* L. pollen, *Lucr. șt. U.S.A.M.V. Iasi, ser. Agron.*, vol. 53 (1), ISSN: 1454-7414, p. 52-59, CAB Abstracts Record Number : 20113072631.
- 24. Pădureanu Silvica**, 2010 - Citogenetic effects induced by sodium nitrite on mitotic division at *Lycopersicum esculentum* Mill., *Lucr. șt. U.S.A.M.V. Iasi, ser. Agron.*, vol. 53 (2), ISSN: 1454-7414, p. 51-56, CAB Abstracts Record Number : 20113075275.

25. Pădureanu Silvica, 2011 - Cytogenetic effects induced by potassium ferricyanide on mitotic division at *Cucumis sativus* L., *Lucr. st. U.S.A.M.V. Iasi, ser. Agron.*, vol. 54 (2), ISSN: 1454-7414, p. 90-95, CAB Abstracts Record Number : 20123053910.

26. Pădureanu Silvica, 2011 - Morphological characterization and the germinating potential of *Coronilla varia* L. pollen, *Lucr. st. U.S.A.M.V. Iasi, ser. Agron.*, vol. 54 (2), ISSN: 1454-7414, p. 84-89, CAB Abstracts Record Number : 20123053909.

27. Pădureanu Silvica, 2012 – The influence of cold plasma produced by GlidArc without water vapor, upon the cells division in *Triticum aestivum* L., *Lucr. st. U.S.A.M.V. Iasi, ser. Agron.*, vol. 55 (2), ISSN: 1454-7414, p. 119-124, CAB Abstracts Record Number : 20133022947.

28. Pădureanu Silvica, 2012 – The cytology of pollen germination process at *Lotus corniculatus* L. and *Coronilla varia* L., *Lucr. st. U.S.A.M.V. Iasi, ser. Agron.*, vol. 55 (2), ISSN: 1454-7414, p. 125-130, CAB Abstracts Record Number : 20133022948.

29. Pădureanu Silvica, 2013 – The palynological characterization and the pollen germination process of Lily hybrid Star Gazer, *Lucr. st. U.S.A.M.V. Iasi, ser. Agron.*, vol. 56 (1), ISSN: 1454-7414, p. 65-70, CAB Abstracts Record Number : 20143051456.

30. Pădureanu Silvica, 2015 - The palynological characterization and the pollen potential germination of *Rhododendron racemosum* French., *Lucr. st. U.S.A.M.V. Iasi, ser. Hortic.*, vol. 58 (1), ISSN: 1454-7376, p. 35-40, CAB Abstracts Record Number : 20163030168.

31. Pădureanu Silvica, 2015 – Peculiarities of pollen tube growth of *Rhododendron racemosum* French., *Lucr. st. U.S.A.M.V. Iasi, ser. Hortic.*, vol. 58 (1), ISSN: 1454-7376, p. 41-46, CAB Abstracts Record Number : 20163030169.

32. Pădureanu Silvica, 2016 – Palynological features and pollen germination at *Scilla bifolia* L. *Lucr. st. U.S.A.M.V. Iași, ser. Hortic.*, vol. 59 (1), ISSN: 1454-7376, p. 105-110, CAB Abstracts Record Number : 20173050976.

33. Pădureanu Silvica, 2016 – Pollen tube growth rate and morphological anomalies of pollen tubes at *Scilla bifolia* L. *Lucr. st. U.S.A.M.V. Iași, ser. Hortic.*, vol. 59 (1), ISSN: 1454-7376, p. 111-116, CAB Abstracts Record Number : 20173050977.

34. Pădureanu Silvica, 2018 – Variability of RNA content in leaves of Frâncușă vine variety. *Lucr. st. U.S.A.M.V. Iași, ser. Hortic.*, vol. 61 (2), ISSN: 1454-7376, p. 461-466. CAB Abstracts Record Number : 20203183774.

35. Pădureanu Silvica, 2020 – Palynological features and pollen germination potential in *Hyacinthus orientalis* L. *Lucr. st. U.S.A.M.V. Iași, ser. Hortic.*, vol. 63 (1), ISSN: 1454-7376, p. 41-46, CAB Abstracts Record Number : 20219808036.

36. Pădureanu Silvica, 2020 – Dynamics of pollen tube growth in *Hyacinthus orientalis* L. *Lucr. st. U.S.A.M.V. Iași, ser. Hortic.*, vol. 63 (1), ISSN: 1454-7376, p. 47-52, CAB Abstracts Record Number : 20219808037.

37. Pădureanu Silvica, 2021 – Palynological characterization and germination of *Tulipa gesneriana* L. pollen. *Lucr. st. U.S.V. Iași, ser. Hortic.*, vol. 64 (1), ISSN: 1454-7376, p. 35-40. CAB Abstracts Record Number : 20230124062.

38. Pădureanu Silvica, 2021 – Peculiarities of growth of pollen tube of *Tulipa gesneriana* L. *Lucr. st. U.S.V. Iași, ser. Hortic.*, vol. 64 (1), ISSN: 1454-7376, p. 41-46. CAB Abstracts Record Number : 20230124063.

39. Pădureanu Silvica, Toma Liana Doina, Oancea Servilia, Airinei A., Tudose Mihaela, 2000 – Dynamique de la teneur en pigments photosynthétiques des feuilles du cépage Fetească neagră. Anale șt. „Al.I.Cuza” Iași, tom. XLVI, s. II a, Biol. vegetală, ISSN: 1223-6578, p. 79-87, CAB Abstracts Record Number : 20013126851.

40. Pădureanu Silvica, Cîmpeanu Mirela Mihaela, 2005 – The influence of hexanitrogen-cobaltiat III of sodiu on mitotic division at *Allium cepa* L. Anale șt. Univ. “Al.I. Cuza” Iași, Genetică și Biologie moleculară, tom. VI, ISSN: 1582-3571, p. 207-210, <https://doaj.org/article/2dd9d6d784fa4d39b5724a60772d8b1e>.

41. Pădureanu Silvica, Cîmpeanu C.S., 2006 –The influence of nitrate of lead on mitotic division at *Triticum aestivum* L. Anale șt. Univ. “Al.I. Cuza” Iași, Genetică și Biologie moleculară, tom. VII, fasc.1, ISSN: 1582-3571, p. 187-191, <https://doaj.org/article/dd435a862c414badaee97071792b9f56>.

42. Pădureanu Silvica, Oancea Servilia, Oancea A.V., 2011 – The effect of cold plasma obtained in vacuum on *Triticum aestivum* L. , Lucr. st. U.S.A.M.V. Iasi, ser. Agron., vol. 54 (1), ISSN: 1454-7414, p. 59-62, CAB AbstractsRecord Number : 20123108427.

2. Coautor

1. Oancea Servilia, Pădureanu Silvica, Oancea A.V., 2009 – Growth dynamics of corn plants during anionic clays action, Lucr. st. U.S.A.M.V. Iasi, ser. Agron., vol. 52 (1), ISSN: 1454-7414, p. 212-217, CAB Abstracts Record Number : 20103152862.

2. Oancea Servilia, Pădureanu Silvica, 2009 – The plant growth dynamics during layered double hydroxides (LDH) action, Lucr. st. U.S.A.M.V. Iasi, ser.Hortic., vol. 52, ISSN: 1454-7376, p. 15-20, CAB Abstracts Record Number : 20103130206.

3. Oancea Servilia, Pădureanu Silvica, Oancea A.V., 2010 - Identification of pathological states based on red blood cell aggregation, Lucrări științifice USAMV Iasi, Seria Medicină Veterinară, vol. 53(12), ISSN: 1454 -7406, p. 127-130, CAB Abstracts Record Number : 20103293068.

4. Oancea Servilia, Pădureanu Silvica, Oancea A.V., 2011 - Differences in responses of some cereals to UV irradiations, Lucr. st. USAMV Iasi, ser. Agron, vol. 54 (1), ISSN: 1454-7414, p. 55-58, CAB abstracts Record Number : 20123108426.

5. Oancea Servilia, Pădureanu Silvica, Cazacu Ana, Oancea A.V., 2014 - About the radioactivity of some agricultural products from areas near Crucea uranium mine, Lucr. șt. U.S.A.M.V. Iași, ser. Hortic., vol. 57 (2), ISSN: 1454-7376, p. 253-256, CAB Abstracts Record Number : 20153018084.

6. Oancea Servilia, Cazacu Ana, Pădureanu Silvica, 2015 – The fractal dimension as a measure of the corn root change to the nickel action. Lucr. șt. U.S.A.M.V. Iași, ser. Hortic., vol. 58 (1), ISSN: 1454-7376, p. 11-16, CAB AbstractsRecord Number : 20163030165.

7. Oancea Servilia, Pădureanu Silvica, Oancea A.V., 2013 - Biological effects of ferite containing nickel on growth dynamics of corn plants. Lucr. st., USAMV, Iasi, ser. Hortic., vol.56 (1), ISSN : 1454-7376, p. 31-36 ref.9 CAB Abstracts Record Number : 20133338005.

TOTAL ARTICOLE INDEXATE IN BAZE DE DATE INTERNAȚIONALE = 49, din care:

- 42 singur/prim autor;

- 7 coautor

IV. LUCRĂRI ȘTIINȚIFICE ÎN EXTENSO PUBLICATE ÎN VOLUMELE UNOR CONFERINȚE INTERNAȚIONALE DE SPECIALITATE

1. Autor principal

1. Pădureanu Silvica, 2006 – Cytogenetics effects induced by hexanitrogen-cobaltat III of sodium on mitotic division at *Lycopersicum esculentum* Mill., Proc. of XXXVI Annual Meeting of European Society for New Methods in Agricultural Research, 10-14 September 2006, p. 547-552, ISBN (10) 973-7921-81- X; ISBN (13) 978-973-7921-81-9 63 (063), Ed.”Ion Ionescu de la Brad” Iași

2. Pădureanu Silvica, 2006 – Variability of nucleic acids content in the leaves of Fetească albă grape vine variety, Proc. of XXXVI Annual Meeting of European Society for New Methods in Agricultural Research, 10-14 September 2006, p. 553-558, ISBN (10) 973-7921-81- X; ISBN (13) 978-973-7921-81-9 63 (063), Ed.”Ion Ionescu de la Brad” Iași

3. Pădureanu Silvica, Hnatiuc E., Oancea Servilia, Hnatiuc B., Gavril B., 2009 – Induced effects by Glid Arc treatment on the mitotic division and on the growth process in *Triticum aestivum* L. International Symposium on Plasma Chemistry, sect. Non-equilibrium effects and atmospheric pressure plasmas, Ruhr-University Bochum, Germany, ISPC 19, p. 204-209.

2. Coautor

1. Oancea Servilia, Pădureanu Silvica, 2006 – Fractal dimension as a measure of the modified cell contour from tomato plant treated with toxic compounds, Proc. of XXXIV Annual Meeting of European Society for New Methods in Agricultural Research, 10-14 September 2006, Iasi, p. 325-330. ISBN (10) 973-7921-81- X; ISBN (13) 978-973-7921-81-9 63 (063), Ed.”Ion Ionescu de la Brad” Iași

2. Gavril B., Hnatiuc E., Todirași G., Pădureanu Silvica, 2009 – Impact of cold plasma treatments on tomato seeds. Conferința internațională SIELMEN, Iași, vol. I, ISBN: 978-606-520-617-5, p. 183-186

TOTAL ARTICOLE PUBLICATE ÎN VOLUMELE UNOR CONFERINȚE INTERNAȚIONALE
= 5, din care:

- 3 autor principal;

- 2 coautor.

V. LUCRĂRI ȘTIINȚIFICE ÎN EXTENSO PUBLICATE ÎN VOLUMELE UNOR CONFERINȚE NAȚIONALE DE SPECIALITATE

1. Singur autor

1. **Pădureanu Silvica**, 2006 – Variabilitatea capacității de germinare a polenului de *Ampelopsis brevipedunculata* (Maxim.) Trautv., The 2nd International Congress of Cellular and Molecular Biology, Anale Soc. Nat. Biol. Cel., Iași, vol. XI, ISSN: 1583-6258, p. 482-486

2. **Pădureanu Silvica**, 2006 – Variabilitatea citologică a germinării polenului de *Ampelopsis aconitifolia* Bge. The 2nd International Congress of Cellular and Molecular Biology, Anale Soc. Nat. Biol. Cel., Iași, vol. XI, ISSN: 1583-6258, p. 532-537

2. Coautor

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- 2 singur autor;
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