

Lucrari ISI Marian Burducea

Nr crt	Lucrare ISI	Nr autori	IF	Punctaj
1	Stoleru, V., Mangalagiu, I., Amăriucăi-Mantu, D., Teliban, G.-C., Cojocaru, A., Rusu, O.-R., Burducea, M., Mihalache, G., Rosca, M., Caruso, G., Sekara, A.M., Jităreanu, G. Enhancing the Nutritional Value of Sweet Pepper through Sustainable Fertilization Management. <i>Frontiers in Nutrition</i> , 2023, 1264999	12	5	27.1
2	Barbacariu, C.-A.; Rimbu, C.M.; Burducea, M.; Dirvariu, L.; Miron, L.-D.; Boiangiu, R.S.; Dumitru, G.; Todirascu-Ciornea, E. Comparative Study of Flesh Quality, Blood Profile, Antioxidant Status, and Intestinal Microbiota of European Catfish (<i>Silurus glanis</i>) Cultivated in a Recirculating Aquaculture System (RAS) and Earthen Pond System. <i>Life</i> 2023, 13, 1282. https://doi.org/10.3390/life13061282	8	3.2	27.1
3	Rusu, O.-R.; Mangalagiu, I.; Amăriucăi-Mantu, D.; Teliban, G.-C.; Cojocaru, A.; Burducea, M.; Mihalache, G.; Roșca, M.; Caruso, G.; Sekara, A.; et al. Interaction Effects of Cultivars and Nutrition on Quality and Yield of Tomato. <i>Horticulturae</i> 2023, 9, 541. https://doi.org/10.3390/horticulturae9050541	11	3.1	19.2
4	Popescu, S.M.; Zheljazkov, V.D.; Astatkie, T.; Burducea, M.; Termeer, W.C. Immobilization of Pb in Contaminated Soils with the Combination Use of Diammonium Phosphate with Organic and Inorganic Amendments. <i>Horticulturae</i> 2023, 9, 278. https://doi.org/10.3390/horticulturae9020278	5	3.1	42.2
5	Burducea, I.; Burducea, C.; Mereuta, P.-E.; Sirbu, S.-R.; Iancu, D.-A.; Istrati, M.-B.; Straticiu, M.; Lungoci, C.; Stoleru, V.; Teliban, G.-C.; et al. Helium Atmospheric Pressure Plasma Jet Effects on Two Cultivars of <i>Triticum aestivum</i> L. <i>Foods</i> 2023, 12, 208. https://doi.org/10.3390/foods12010208	13	5.2	25.9
6	Teliban, G.-C.; Burducea, M.; Mihalache, G.; Zheljazkov, V.D.; Dincheva, I.; Badjakov, I.; Popa, L.-D.; Bodale, I.; Vlăduț, N.-V.; Cojocaru, A.; et al. Morphological, Physiological and Quality Performances of Basil Cultivars under Different Fertilization Types. <i>Agronomy</i> 2022, 12, 3219. https://doi.org/10.3390/agronomy12123219	14	3.7	17.6
7	Barbacariu, C.-A.; Rimbu, C.M.; Dirvariu, L.; Burducea, M.; Boiangiu, R.S.; Todirascu-Ciornea, E.; Dumitru, G. Evaluation of DDGS as a Low-Cost Feed Ingredient for Common Carp (<i>Cyprinus carpio</i> Linneus) Cultivated in a Semi-Intensive System. <i>Life</i> 2022, 12, 1609. https://doi.org/10.3390/life12101609	7	3.2	31.0
8	Stoleru, V.; Vitanescu, M.; Teliban, G.-C.; Cojocaru, A.; Vlase, L.; Gheldiu, A.-M.; Mangalagiu, I.; Amăriucăi-Mantu, D.; Burducea, M.; Zheljazkov, V.; et al. Phytosterol and Polyphenol Contents and Quinoa Leave Yields Variation in Relationships to Variety, Density and Harvesting Date. <i>Agronomy</i> 2022, 12, 2397. https://doi.org/10.3390/agronomy12102397	11	3.7	22.5
9	Burducea, M.; Dincheva, I.; Dirvariu, L.; Oprea, E.; Zheljazkov, V.D.; Barbacariu, C.-A. Wheat and Barley Grass Juice Addition to a Plant-Based Feed Improved Growth and Flesh Quality of Common Carp (<i>Cyprinus carpio</i>). <i>Animals</i> 2022, 12, 1046. https://doi.org/10.3390/ani12081046	6	3	34.2
10	Burducea, M.; Lobiuc, A.; Dirvariu, L.; Oprea, E.; Olaru, S.M.; Teliban, G.-C.; Stoleru, V.; Poghir, V.A.; Cara, I.G.; Filip, M.; et al. Assessment of the Fertilization Capacity of the Aquaculture Sediment for Wheat Grass as Sustainable Alternative Use. <i>Plants</i> 2022, 11, 634. https://doi.org/10.3390/plants11050634	13	4.5	22.7
11	Burducea, M., Ardelean, M., Popa, C., Lobiuc, A., Marti, TD., Barbacariu, C-A. Biosolids' use influences the synthesis of phenolic compounds and the antioxidant activity of basil extracts for phytopharmacological purposes. <i>Farmacia</i> . 70(1), 115-121.	6	1.6	20.2
12	Popa, L.-D., Buburuz, A.-A., Troțuș, E., Vlăduț, N.-V., Teliban, G.-C., Agapie, A.L., Puiu, I., Burducea, M., Melucă, C., Pintilie, P.-L., Matei G. Recent progress in monoecious hemp	11	0.7	6.1

	variety for seed, obtained in Romania. Romanian Agricultural Research. 2022. 39. 187-194.			
13	Teliban, G-C., Stoleru, V., Birescu, G., Mihalache, G., Burducea, M., Munteanu, N., Țopa, D., Gheorghe, M., Rădeanu, G., Popa, L-D., Vlăduț N-V. The response of runner bean crop to irrigation and fertilization. Romanian Agricultural Research. 2022. 39. 269-281.	11	0.7	6.1
14	Barbacariu, C.-A.; Burducea, M.; Dîrvari, L.; Oprea, E.; Lupu, A.-C.; Teliban, G.-C.; Agapie, A.L.; Stoleru, V.; Lobiuc, A. Evaluation of Diet Supplementation with Wheat Grass Juice on Growth Performance, Body Composition and Blood Biochemical Profile of Carp (<i>Cyprinus carpio</i> L.). <i>Animals</i> 2021, 11, 2589. https://doi.org/10.3390/ani11092589	9	3.2	24.1
15	Teliban, G.-C.; Burducea, M.; Zheljaskov, V.D.; Dincheva, I.; Badjakov, I.; Munteanu, N.; Mihalache, G.; Cojocaru, A.; Popa, L.-D.; Stoleru, V. The Effect of Myco-Biocontrol Based Formulates on Yield, Physiology and Secondary Products of Organically Grown Basil. <i>Agriculture</i> 2021, 11, 180. https://doi.org/10.3390/agriculture11020180	10	3.4	22.9
16	Cojocaru, A.; Vlase, L.; Munteanu, N.; Stan, T.; Teliban, G.C.; Burducea, M.; Stoleru, V. Dynamic of Phenolic Compounds, Antioxidant Activity, and Yield of Rhubarb under Chemical, Organic and Biological Fertilization. <i>Plants</i> 2020, 9, 355. https://doi.org/10.3390/plants9030355	7	3.9	37.0
17	Teliban, G.-C.; Stoleru, V.; Burducea, M.; Lobiuc, A.; Munteanu, N.; Popa, L.-D.; Caruso, G. Biochemical, Physiological and Yield Characteristics of Red Basil as Affected by Cultivar and Fertilization. <i>Agriculture</i> 2020, 10, 48. https://doi.org/10.3390/agriculture10020048	7	2.9	28.4
18	Semerdjieva, I.B.; Burducea, M.; Astatkie, T.; Zheljaskov, V.D.; Dincheva, I. Essential Oil Composition of <i>Ruta graveolens</i> L. Fruits and <i>Hyssopus officinalis</i> Subsp. <i>aristatus</i> (Godr.) Nyman Biomass as a Function of Hydrodistillation Time. <i>Molecules</i> 2019, 24, 4047. https://doi.org/10.3390/molecules24224047	5	3.2	43.4
19	Burducea, M.; Lobiuc, A.; Asandulesa, M.; Zaltariov, M.-F.; Burducea, I.; Popescu, S.M.; Zheljaskov, V.D. Effects of Sewage Sludge Amendments on the Growth and Physiology of Sweet Basil. <i>Agronomy</i> 2019, 9, 548. https://doi.org/10.3390/agronomy9090548	7	2.6	25.9
20	Burducea M., Zheljaskov V.D., Lobiuc A., Pintilie C., Vîrgolici M., Silion M., Asandulesa M., Burducea I., Zamfirache, M. Biosolids application improves mineral composition and phenolic profile of basil cultivated on eroded soil. <i>Scientia Horticulturae</i> , Volume 249, Pages 407-418, 2019	9	2.7	20.8
21	Pedro Palencia García, F Martínez, M Burducea, D Sánchez Rodas, I Giráldez. Effects of Se-enrichment on plant growth and fruit quality of strawberry. 2019. <i>Acta Horticulturae</i> , 1256	5	0.163	7.0
22	Gianluca, C., Stoleru, V., Muntean, N., Sellitt, V.M., Teliban, G-C., Burducea, M., TenU, I., Morano, G., Butnariu, M. Quality Performances of Sweet Pepper under Farming Management. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> . Volume 47(2), Pages 458-464, year 2019,	9	1.1	10.1
23	Burducea, M., Zheljaskov, V.D., Dincheva, I., Lobiuc, A., Teliban, G-C., Stoleru, V., Zamfirache, M-M. Fertilization modifies the essential oil and physiology of basil varieties. <i>Industrial crops and products</i> , Volume 121, Pages 282-293, year 2018	7	4.1	38.7
24	Onofrei, V., Benchenouf, A., Jancheva, M., Loupassaki, S., Ouaret, W., Burducea, M., Lobiuc, A., Teliban, G-C., Robu, T. Ecological foliar fertilization effects on essential oil composition of sweet basil (<i>Ocimum basilicum</i> L.) cultivated in a field system. <i>Scientia Horticulturae</i> , Volume 239, Pages 104-113	9	1.9	15.4
25	Onofrei, V., Teliban, G-C., Burducea, M., Lobiuc, A., Sandu, C.B., Tocai, M., Robu, T. Organic foliar fertilization increases polyphenol content of <i>Calendula officinalis</i> L. <i>Industrial crops and products</i> , Volume 109 Pages 509-513, year 2017	7	3.8	36.1

26	Lobiuc, A.; Vasilache, V.; Oroian, M.; Stoleru, T.; Burducea, M.; Pintilie, O.; Zamfirache, M.-M. Blue and Red LED Illumination Improves Growth and Bioactive Compounds Contents in Acyanic and Cyanic Ocimum basilicum L. Microgreens. Molecules 2017, 22, 2111. https://doi.org/10.3390/molecules22122111	7	3	29.3
27	Onofrei, V., Burducea, M., Lobiuc, A., Teliban, G-C., Ranghiuc, G., Robu, T. Influence of organic foliar fertilization on antioxidant activity and content of polyphenols in Ocimum basilicum L. Acta Poloniae Pharmaceutica – Drug Research, Vol. 74 No. 2 pp. 611–615, 2017	6	0.5	9.2
28	Palencia, P., Martinez, F., Burducea, M., Oliveira, JA, Giralde, I. Efectos del enriquecimiento con selenio en SPAD, calidad de la fruta y parámetros de crecimiento de plantas de fresa en un sistema de cultivo sin suelo. Rev. Bras. Frutic. 38 (1). https://doi.org/10.1590/0100-2945-294/14	5	0.4	9.8

Lucrari BDI

Nr crt	Lucrare BDI	Nr autori	Punctaj
1	BARBACARIU, CRISTIAN-ALIN; RIMBU, CRISTINA MIHAELA; DIRVARIU, LENUTA; BURDUCEA, MARIAN; OPREA, EUGEN; BOIANGIU, RAZVAN STEFAN; TODIRASCU-CIORNEA, ELENA; DUMITRU, GABRIELA. THE EFFECT OF USING DDGS AS AN INGREDIENT IN THE PRODUCTION OF LOWCOST FEED FOR COMMON CARP (CYPRINUS CARPIO LINNEUS).Source: Journal of Experimental & Molecular Biology . 2022, Vol. 23 Issue 2, p60-60. 1p.	8	1.9
2	Mirela ARDELEAN, Andrei LOBIUC, Marian BURDUCEA, Ciprian MIHALI, Daniela-Teodora MARȚI. Study of heavy metals effects on in vitro cultures of Sedum telephium ssp. Maximum L. Food and Environment Safety Journal, 2019, 18(1)	5	3.0
3	Iurie Ungureanu, Marian Burducea, Valeria Tudor, Viorica Moraru, Rodica Ungureanu, Igor Harabagiu, Victor Capcelea. Dezvoltarea competențelor de cercetare ale elevilor la lecțiile de biologie. Univers Pedagogic, 2019, 61(1), 18-28	5	3.0
4	Gabriel-Ciprian Teliban, Neculai Munteanu, Cristina Precupeanu, Lorena-Diana Popa, Marian Burducea, Teodor Stan, Anca Zaica, AV Tallarita, Vasile Stoleru. THE INFLUENCE OF FERTILIZATION AND MULCHING ON THE EARLY CAULIFLOWER CROP. LUCRĂRI ȘTIINȚIFICE SERIA HORTICULTURĂ, 62 (1) / 2019, USAMV IAȘI, 225-230.	7	2.1
5	Marian Burducea, Ivayla Dincheva, Ilian Badjakov, Lenuta Dirvariu, Alin-Cristian Barbacariu, Valtcho D Zheljazkov. The use of wastewater from the recirculating aquaculture system for basil cultivation and its effects on the essential oil composition. Proceedings of the X International Scientific Agricultural Symposium Agrosym, 2019, 282-287.	9	1.7
6	Mirela ARDELEAN, Aurel ARDELEAN, DON Ioan, Andrei LOBIUC, Marian BURDUCEA. EFFECT OF LED LIGHTING ON GROWTH AND PHENOLIC CONTENT ON IN VITRO SEEDLINGS OF OCIMUM BASILICUM L. CULTIVAR, AROMAT DE BUZAU”. Food and Environment Safety Journal, 2018, 17(1).	6	2.5
7	Gabriel-Ciprian Teliban, Neculai Munteanu, Vasile Stoleru, Lorena-Diana Popa, Teodor Stan, Marian Burducea. The influence of different fertilizers on the pods yield of three common bean cultivars. LUCRĂRI ȘTIINȚIFICE SERIA HORTICULTURĂ, 61 (2) / 2018, USAMV IAȘ	5	3.0

8	Gabriel-Ciprian Teliban, Neculai Munteanu, Lorena-Diana Popa, Marian Burducea, Andrei Lobiuc, Alexandru Cojocaru, Vasile Stoleru. Study regarding the influence of various types of mulching on the agro-productive capacity of four different basil cultivars. SCIENTIFIC PAPERS HORTICULTURE SERIES, 61 (2) / 2018, USAMV IAȘI	6	2.5
9	CA Barbacariu, Lenuța Dirvariu, M Burducea, C Mihai. COMPARATIVE STUDY ON THE USE OF VARIOUS HORMONAL PREPARATIONS (CARP PITUITARY, NERESTIN 6A) IN THE ARTIFICIAL REPRODUCTION OF PERCA FLUVIATILIS. Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie, vol. 70, 2018, 161-166.	7	2.1
10	Vasilica Onofrei, Andrei Lobiuc, Marian Burducea, Gabriel-Ciprian Teliban, Iulian-Valentin Teliban, Teodor Robu. The effect of ecological foliar fertilising on the yield of <i>Ocimum basilicum</i> L. Revista Botanică, 2016, 12(1), 102-106	4	3.8
11	TELIBAN G.C., BURDUCEA M., LOBIUC A., STOLERU V., HAMBURDĂ Silvia Brîndușa, DELEANU Florina-Maria, ONOFREI Vasilica, ZAMFIRACHE Maria-Magdalena, MUNTEANU N. YIELD, MORPHOLOGICAL AND PHYSIOLOGICAL COMPARATIVE ASPECTS IN <i>OCIMUM BASILICUM</i> L. UNDER DIFFERENT FERTILIZATION TYPES. LUCRĂRI ȘTIINȚIFICE SERIA HORTICULTURĂ, 59 (1) / 2016, USAMV IAȘI, 69-74	10	1.5
12	Vasilica Onofrei, Bernd Honermeier, Marian Burducea, Andrei Lobiuc, Gabriel-Ciprian Teliban and Teodor Robu. Yield, physiological and biochemical parameters of <i>Calendula officinalis</i> L. under foliar ecological fertilization. Mitt. Ges. Pflanzenbauwiss. 28: 18-19 (2016)	9	1.7
13	Marian Burducea, Andrei Lobiuc, Naela COSTICĂ, Maria-Magdalena Zamfirache. The influence of preceding plant cultivation on growth and physiology of an <i>Ocimum basilicum</i> L. cultivar. Scientific Papers. Series B, Horticulture. Vol. LX, 2016 Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L 2285-5653.	6	2.5
14	Mihaela DUȚU, Aurel ARDELEAN, Mirela ARDELEAN, Dorina CACHIȚĂ-COSMA, Marian BURDUCEA, Andrei LOBIUC, Elida ROSENHECH. INCREASING THE ANTIOXIDANT ACTIVITY, TOTAL PHENOLIC AND ASSIMILATORY PIGMENTS CONTENT BY OPTIMIZING THE IN VITRO GROWTH CONDITIONS OF <i>LYCIUM BARBARUM</i> P. Scientific Bulletin Series F. Biotechnologies. 2016, 20, 44-50	4	3.8
15	Vasilica Onofrei, Gabriel-Ciprian Teliban, Marian Burducea, Bernd Honermeier, Carmenica-Doina Jităreanu, Christiana-Brigitte Balan, Florina-Maria Galea Deleanu, Teodor Robu. Influence of ecological foliar fertilizers on yield and morphometric parameters in cultivated medicinal and aromatic plants (basil, marigold, artichoke). Lucrări Științifice – vol. 59(2)/2016, seria Agronomie, 285-288.	7	2.1
16	Toma Stoleru, Marian Burducea, Maria-Magdalena Zamfirache. An experimental setup for assessing light and mineral nutrition effects on <i>arabidopsis thaliana</i> heynh. Phenotype. Lucrări Științifice – vol. 59(2)/2016, seria Agronomie, 279-284.	7	2.1
17	Marian Burducea, Orest Trofin, Toma Stoleru, Andrei Lobiuc, Gabriel-Ciprian Teliban, Vasilica Onofrei, Maria-Magdalena Zamfirache. On the agricultural use of sewage sludge in Romania. Lucrări Științifice – vol. 59(2)/2016, seria Agronomie, 147-150	7	2.1
18	A Lobiuc, R Cuibari, M Frunzete, C Naela, Marian Burducea, Ardelean Mirela, M Zamfirache. The effects of <i>Taxus baccata</i> L. aqueous extracts on germination,	8	1.9

	seedling growth and physiological parameters of test species. J. Horticult. For. Biotechnol, 2016, 118-125		
19	Marian Burducea, Andrei Lobiuc, Elida Rosenhech, Constantin Toma, Maria-Magdalena Zamfirache. Morpho-anatomical aspects of two basil cultivars plantlets under experimental heavy metal contamination. Buletinul Academiei de Științe a Moldovei. Științele vieții. Journal of ASM. Life Sciences. No. 2(326) 2015 Pland and Animal Biotechnology, 160-166	8	1.9
20	Vasilica Onofrei, Gabriel-Ciprian Teliban, Marian Burducea, Iulian-Valentin Teliban, Alexandru-Dragoș Robu. Biological indicators of heavy metal in water and soil. Lucrări Științifice – vol. 58 (1) 2015, seria Agronomie, 157-160	8	1.9
21	Claudia Padurariu, Marian Burducea, Maria-Magdalena Zamfirache, Ramona Gales, Lacramioara Ivanescu, Constantin Toma. Research regarding the germination process in Ocimum basilicum L. in an experimental environment. Studia Universitatis “Vasile Goldiș”, Seria Științele Vieții Vol. 20, issue 3, 2010, pp. 55-57	3	5.0
22	Ramona Gales, Lacramioara Ivanescu, Maria Magdalena Zamfirache, M Burducea. EFFECT OF LEAD ON SEED GERMINATION AND SEEDLING DEVELOPMENT IN SOME MEDICINAL PLANTS (1st note). Analele științifice ale Universității “Al. I. Cuza” Iași Tomul LV, fasc. 2, s.II a. Biologie vegetală, 2009, 27-31.	7	2.1
23	Marian Burducea. Morphological and physiological response of a green-leaved and a purple leaved cultivar of sweet basil (Ocimum basilicum L.) to biosolids amendments. PROCEEDINGS CONFERENCE OF AGRONOMY STUDENTS with international participation. Vol. 10, Issue 10, 2017 Čačak, 23-25 August 2017	7	2.1
24	Marian Burducea, Iurie Ungureanu, Lenuța Dîrvariu, Eugen Oprea, Cristian-Alin Barbacariu. Cercetări privind compoziția chimică a furajelor cu scopul creșterii sustenabilității producției crapului comun în acvacultura din România și Republica Moldova. Conference: Traditie și inovare în cercetarea științifică, 2021, 167-172.	5	3.0