

7.2.1. Lucrări științifice / tehnice publicate în reviste de specialitate cotate ISI: 80

Anexa 7

Nr. crt.	Articol	Autori
I. REVISTA DE CHIMIE Vol.70, nr.6/2019, București, ISSN 2537-5733, FI: 1,605		
1.	CHEMICAL COMPOSITION AND RHEOLOGICAL PARAMETERS OF HELIANTHUS TUBEROSUS FLOUR USED AS A SOURCES OF BIOACTIVE COMPOUNDS IN BAKERY pag. 2048-2053	Apostol L., Belc N., Gaceu L., Vlăduț V. , Oprea O. B.
II. INMATEH – Agricultural Engineering, București, Vol. 57, No.1/2019 on line: ISSN 2068-2239 și print: ISSN 2068-4215		
2.	MATHEMATICAL MODELING AND NUMERICAL SIMULATION OF THE DRYING PROCESS OF SEEDS IN A PILOT PLANT pag. 55 - 62	Arsenoaia V.N., Vlăduț V. , Țenu I., Voicea I. , Moiceanu G. Cârlescu P. M.
3.	MATHEMATICAL MODEL FOR THE EVOLUTION OF Chlorella Algae pag. 91 - 102	Cârdei P. , Nedelcu A. , Ciupercă R.
4.	MODELLING OF SOIL COMPACTION UNDER HEAVY-DUTY TRACTORS pag. 261 - 270	Biriș S.Șt., Ungureanu N., Cujbescu D.
III. INMATEH – Agricultural Engineering, București, Vol. 58, No.2/2019 on line: ISSN 2068-2239 și print: ISSN 2068-4215		
5.	WOOD DUST APPLICATION FOR IMPROVEMENT OF SELECTED PROPERTIES OF THERMOPLASTIC STARCH pag. 37-44	Żelaziński T., Ekielski A., Tulska E., Vlăduț V. , Durczak K.
6.	INFLUENCE OF THE MANURE SPREADING MACHINES' WORKING PARAMETERS ON THE QUALITATIVE PERFORMANCES OF THE FERTILIZATION PROCESS pag. 115-120	Ștefan V. , Cârdei P. , Popa L. , David L., Ciupercă R.
7.	STATISTICAL MODELS FOR THE WORKING PROCESS CARRIED OUT BY THE SOLID ORGANIC FERTILIZER SPREADING MACHINE pag. 121-128	Cârdei P. , Ștefan V. , Popa L. , Ciupercă R.
8.	ACOUSTIC COMPARATIVE ANALYSIS FOR TRACTORS pag. 167-176	Sfiru R. , Atanasov A., Muraru V. , Muraru S. L.
9.	STATISTICAL MODELS PROPOSED FOR ALGAL GROWTH IN OPEN SYSTEM TO OPTIMIZE THE CULTIVATION TECHNOLOGY pag. 195-202	Nedelcu A. , Cârdei P. , Ciupercă R. , Ștefan V. , Zaica A.
10.	RESEARCHES ON SYSTEMIC STRUCTURING AND STATISTIC MODELLING OF BIOMASS PELLETING PROCESSES pag. 247-258	Cârdei P. , Găgeanu I. , Voicu Gh., Matache M.
11.	INFLUENCE OF COMPOSITION AND TEMPERATURE ON THE DRYING AND QUALITY OF PREMIXES FOR FEED BASED ON SUGAR BEET PULP pag. 259-266	Gyorgy Z. , Nagy E. M. , Coța C. , Cioica N. , Deac T., Miclăuș V.
12.	RESEARCH REGARDING THE NITROGEN COMPOUNDS DISTRIBUTION IN A LAB-SCALE EXPERIMENTAL CATCHMENT pag. 267-272	Boncescu C., Diminescu M.A., Vuță L.I., Dumitran G.E.,

IV. INMATEH – Agricultural Engineering, București, Vol.59, No.3/2019
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13.	HYBRID RENEWABLE ENERGY SYSTEMS FOR ISOLATED FARMS. A REVIEW pag. 77-92	Maican E., Vlăduț V., Vilcu C., Sorică C., Dorian M., Mirea D.P. Bogățeanu R.
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15.	RESEARCHES ON THE STATISTICAL MODELLING OF THE PROCESSES OF PELLETING BIOMASS, TESTING CLASSIC POWDER COMPACTION MODELS pag. 119-124	Găgeanu I., Cârdei P., Matache M., Voicu Gh.
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25.	DRYING PROCESS MODELING WITH EFFECTS OF PHYSICAL PARAMETERS ON DEHYDRATED SEEDS pag.333-342	Arsenoaia V.N., Viăduț V., Țenu I., Voicea I., Cârlescu P.M.
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29.	CREATIVITY, INNOVATION AND FUTURE – THE KEY POINTS REGARDIND THE „ARCHITECTURE” FOR THE PRODUCTION OF AGROTEXTILES pag. 547-551	Cârpuș E. Dorogan A. Matache M. G. Viăduț V. Muscalu A.
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VII. 18th International Scientific Conference
“Engineering for Rural Development”, Jelgava, LATVIA, 22-24.05.2019
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30.	STREAMLINING ORGANIG SEED PRODUCTION TECHNOLOGIES FOR VEGETABLE SPECIES BY MAKING SEED CONDITIONING MODULE pag.34-38	Stroescu Gh., Păun A., Brăcăcescu C., Olan M.
31.	EXPERIMENTAL RESEARCH IN IRRIGATION BY CONDENSATION IN SOLARIUM pag.94-99	Mircea C., Manea D., Marin E., Mateescu M.
32.	COATING PROCESS OF CORN GRAINS USING TREATMENT MACHINE WITH BRUSH SCREW CONVEYOR pag.233-238	Zaica Al., Vișan Al., Zaica A., Olan M., Bunduchi G.
33.	THEORETICAL AND EXPERIMENTAL RESEARCH IN FUEL CONSUMPTION AT MISCANTHUS RHIZOMES PLANTING pag.284-290	Voicu Gh., Constantin G.A., Cârdei P., Poenaru I.C.
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38.	COMPUTER ASSISTED SIMULATION OF FORAGE CHOPPING PROCESS pag.1118-1122	Popa Radu, Popa Vlad
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		Ciupercă R.
VIII. ISHS Acta Horticulturae 1242: III International Symposium on Horticulture in Europe - SHE2016, Chania, Creta (Grecia), Proceeding, Volume 2 / 2019 ISBN 9789462612396, on-line: ISSN 0567-7572 și print: ISSN 2406-6168		
40.	RESEARCH ON FREEZING BEHAVIOUR OF 'AUGUSTA' AND 'SIMULTAN' BLUEBERRY FRUITS GROWN IN ROMANIA pag.779-784	Vintilă M., Veringă D., Bogoescu M. Sorică C.
IX. 8th International Conference on Thermal Equipment, Renewable Energy and Rural Development (TE-RE-RD 2019), Valahia University of Târgoviște, Romania, June 6-8, 2019, Issue E3S Web Conf., Volume 112, ISSN 2457 – 3302, ISSN-L 2457 – 3302		
41.	EXPERIMENTAL RESEARCH ON A HOT AIR GENERATOR WORKING ON THE TLUD PRINCIPLE	Ioan Pavel I., Rădoi R.-I., Matache G., Popescu A.M.C., Caba I.L.
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48.	RESEARCHES ON ECOLOGICAL WEED CONTROL IN VEGETABLE CROPS	Muscalu A., Sorică C., Persu C., Andrei A.-M., Dorogan A., Tudora C.
49.	CONCAVES INFLUENCE ON THE MILLING PROCESS OF CEREAL SEEDS IN HAMMER MILLS	Păun A., Stroescu Gh., Milea Dtru., Olan M., Epure M.
50.	INNOVATIVE TECHNICAL EQUIPMENT FOR WEED CONTROL IN LEGUMINOUS CROPS	Marin E., Mateescu M., Roșca I., Andrei A.M., Jinga V., Grădila M.
51.	RESEARCHES ON THE SEPARATION OF IMPURITIES FROM A SEED FLOW BASED ON THE AERODYNAMIC PRINCIPLE	Stroescu Gh., Păun A., Brăcăcescu C., Popa R., Popa V., Voicu Gh.
52.	RESEARCHES ON THE CAPITALIZATION OF SOME MEDICINAL PLANTS TO OBTAIN ESSENTIAL OILS BY USING THE PERFORMANT INNOVATIVE INSTALLATION EUV 2X1000 TYPE	Grigore I., Grigore A.I., Vlăduțoiu L.-C., Cristea M., Sorică E., Dumitru D., Sirbu F., Badea G., Raischi M.,

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55.	ASPECTS REGARDING FEM SIMULATION OF STRESS IN HAMMER MILL WORKING TOOL	Moiceanu G., Paraschiv G., Maican E., Dincă M., Găgeanu I., Arsenoaia V. N.
56.	THEORETICAL RESEARCH ON KINEMATIC AND CONSTRUCTIVE PARAMETERS OF ROLLER PRESSES FOR SWEET SORGHUM	Olan M., Matei Gh., Apostol L., Jinga V., Lipianu S., Găgeanu P., Zaica A., Voicea I., Cristea O.
57.	RESEARCHES ON THE ACCUMULATION AND TRANSFER OF HEAVY METALS IN THE SOIL IN TOMATOES -SOLANUM LYCOPERSICUM	Nițu M., Pruteanu A., Bordean D. M., Popescu C., Deak G., Boboc M., Mustăța G.
58.	STRUCTURAL AND KINEMATIC ANALYSIS OF A SHUTTER FROM MONOCOQUE TRAILER	Popa L., Moise Șt.-I., Moise V., Ștefan V., Tabără I.
59.	MODELLING BY FINITE ELEMENT METHOD OF THE TWIN-SCREW OF A PRESS FOR OBTAINING GRAPE SEED OIL	Vasilachi C., Biriș S.-Șt.
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61.	A REVIEW ON PHYTOREMEDIATION AS AN ECOLOGICAL METHOD FOR IN SITU CLEAN UP OF HEAVY METALS CONTAMINATED SOILS	Cioica N., Tudora C., Iuga D., Deak G., Matei M., Nagy E.M., Gyorgy Z.
62.	IMPROVING THE COMPOSTING OF WASTE MATERIALS FROM AGRICULTURAL FARMS, A STEP TOWARDS SUSTAINABLE AGRICULTURE	Caba I., Bordean D., Matei Gh., Matei M., Pavel I.
63.	GREENHOUSE HEATING BY USING AN INSTALLATION OF BIOMASS GASIFICATION	Laza E., Dumitrescu L., Boboc M., Moiceanu G.
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70.	THEORETICAL ANALYSIS OF THE DYNAMICS OF A NACELLE DRIVE SYSTEM IN ORDER TO OPTIMIZE THE SYSTEM ENERGY	Dumitrescu L., Chiriță P.A., Cristescu C., Lepădatu I., Laza E.
71.	HALLOYSITE NANOTUBE APPLICATIONS FOR HEAVY METALS REMOVAL FROM WASTEWATER	Covaliu C., Paraschiv G., Stoian O., Buzatu B., Mircea C., Cristea C.

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72.	NEW BIOFILM CARRIERS FOR WASTEWATER TREATMENT pag.187-196	Moga I.C., Moiescu C., Ardelean I., Petrescu G., Voicea I., Doroftei B.I.
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**XI. 19th International Multidisciplinary Scientific GeoConference SGEM 2019
Albena, Bulgaria, 26-28.09.2019, Vol. 19, Issue 6.2,
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73.	RESEARCH REGARDING THE USE OF DRONES IN AGRICULTURE pag.683-690	Muraru S. L. Cârdei P. Muraru V. M. Sfîru R. Condruz P.
74.	USING SPEECH RECOGNITION IN AGRICULTURE pag.727-734	Condruz P., Muraru S., Muraru V., Muraru-Ionel C., Cristea O.

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PRINT ISSN 2285-5718, CD-ROM ISSN 2285-5726, ISSN ONLINE 2286-0126, ISSN-L 2285-5718,
University of Agronomic Sciences Veterinary Medicine of Bucharest**

75.	DISTRIBUTION AND POPULATION DENSITY OF THE NORTH AMERICAN LEAFHOPPER SCAPHOIDEUS TITANUS IN VINEYARDS FROM THE WESTERN ROMANIA pag. 24-33	Chireceanu, C., Podrumar T., Teodoru A., Dobromir D., Cârdei P.
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**XIII. ECAI 2019 - International Conference – 11th Edition,
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76.	IDENTIFICATION OF CORRESPONDENTS BETWEEN A STANDARD SERIES COLLECTION AND AN EXPERIMENTAL SERIES COLLECTION	Cârdei P., Muraru S., Sfîru R.,
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**XIV. Proceedings of the „6th International Multidisciplinary Scientific Conference on Social Sciences & Art
- SGEM 2019”, Vol.6, Issue 2
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77.	OPEN INNOVATION IN AGRO-FOOD CLUSTERS IN ROMANIA pag.685 – 682	Muraru V., Cristea O.D., Muraru S.L., Dulgheru A., Berevoianu B.
78.	THE ENTREPRENEURSHIP IN ROMANIA IN THE CONTEXT OF SMART SPECIALIZATION pag.781 – 787	Muraru – Ionel C., Muraru V., Leucuta C., Condruz P., Berevoianu B.

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Vol. 56, Issue 4; FI: 1,393

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79.	RAPID PROTOTYPING OF THE INJECTION DEVICE PISTON USED FOR FERTIGATION USING 3D PRINTING TECHNOLOGY pag. 825 – 830	Șovăială Gh., Chiriță Al-P., Anghel S. Manea D.
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XVI. 9th International Symposium on Occupational Health and Safety

- SESAM 2019, October 3rd 2019, Petroșani, România

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80.	REMOVAL OF HEAVY METALS FROM A CONTAMINATED SOIL USING PHYTOREMEDIATION pag. 1-7	Arnold Tatu L-G, Vlăduț V., Voicea I., Vanghele N., Pruteanu A
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8.1. Lucrări științifice / tehnice publicate în reviste de specialitate (BDI): **24**

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1.	GRAIN YIELDS OBTAINED AT SOME GRAIN CEREALS VARIETIES AT ARDS SECUIENI, DURING 2009-2018 Isticioaia S., Mîrzan O, Naie M., Vlăduț V. , Voicea I., Olaru R., pag. 149-157
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15.	CONSIDERATIONS CONCERNING THE COMPOSTING OF ORGANIC WASTE Voicea I., Vlăduț V., Matache M., Dumitru D., Isticioaia S., Trotuș E., Arsenoia V.

**III. ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering
University POLITEHNICA Timișoara, Faculty of Engineering Hunedoara
Tome XII (2019)
e-ISSN: 2067 – 3809**

16.	MODERN TECHNOLOGIES AND INSTALLATIONS DESIGNED TO INDUSTRIAL SCALE CULTIVATION OF MICROALGAE FOR OBTAINING ALGAL BIOMASS Nedelcu A., Covaliu C., Popa L., Ciupercă R., Anghelș A., Zaica A., Costin M. Fasc. 1, pag.61-64
17.	INVESTIGATIONS REGARDING DEGRADATION BY HYDRATION-DRYING OF SOME BIOCOMPOSITES REINFORCED WITH NATURAL FIBER Nagy E. M., Coța C., Cioica N., Gyorgy Z., Fehete Tutunaru L.V, Fasc. 1, pag.81-84
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