

7.REZULTATELE ACTIVITĂȚII DE CERCETARE-DEZVOLTARE

7.1.Structura rezultatelor de cercetare-dezvoltare

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7.1.4	Brevete de invenție (solicitate / acordate) Anexa 4	14/10
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7.1.1.Lucrări științifice/tehnice publicate în reviste de specialitate cotate ISI: 27

Lucrări științifice/tehnice publicate în reviste de specialitate cotate ISI	2015	2016
Număr	32	27

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Nr. crt.	Articol	Autori
1.	JOURNAL OF SPECTROSCOPY Vol. 2016 e: ISSN 2314-4939 p: ISSN 2314-4920 <i>XRD investigation of some thermal degraded starch based materials,</i> Article ID 9605312, pag. 1-6 <i>Factor impact = 0,814</i>	Todica M. Nagy E. M. Niculaescu C. Stan O. Cioica N. Pop C.V.
2.	ROMANIAN BIOTECHNOLOGICAL LETTERS, Vol.21, No.5/2016 ISSN 1224-5984 <i>Preliminary XRD and IR investigation of some starch based biodegradable systems,</i> pag.11825-11831 <i>Factor impact = 0,381</i>	Todica M. Cioica N. Olar L. Coța C. Marin E. Nagy E.M.
3.	ROMANIAN BIOTECHNOLOGICAL LETTERS, Vol. 21, no. 2/2016, ISSN 1224 - 5984 <i>Influence of different types of substrate on the anaerobic fermentation process,</i> pag. 11281-11289 (IF: 0.404)	Moiceanu G., Voicu Gh., Dincă M., Ferdeș M., Paraschiv G.,

		Vlăduț V. Toma L.
4.	ROMANIAN BIOTECHNOLOGICAL LETTERS, Vol. 21, no. 5/2016, ISSN 1224 - 5984 <i>Comparative study on biogas production using cow and swine manure mixed with Miscanthus x giganteus as substrate, pag. 11968-11973 (IF: 0.404)</i>	Moiceanu G., Voicu Gh., Ferdes M., Paraschiv G., Dinca M., Vlăduț V., Găgeanu I., Chitoiu M.
5	ERWERBS-OBSTBAU Volume 58, Issue 1, ISSN: 0014-0309 (PRINT) 1439-0302 (ONLINE) <i>Determination of some engineering properties of pecan (carya illinoensis) for new design of cracking system, pag. 31 – 39 (IF = 0.569)</i>	Vlăduț V. Kabas O.,
6.	PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija, Croația, ISSN 1848-4425 <i>Tangential threshing system with ventilator effect at the combine harvesters pag.129-143</i>	Ivan Gh.
7.	PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija, Croația, ISSN 1848-4425 <i>Mathematical modelling of granulated fertilizers distribution by centrifugation, pag.155-165</i>	Petcu A. Cârdei P. Popa L. Ștefan V. Girleanu I.C.
8.	PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija, Croația, ISSN 1848-4425 <i>IR investigation regarding the degradation of native starch based films, pag 479-486</i>	NagyE. M. Todica M. Coța C. Olar L.E. Cioica N. Cozar O.
9.	PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING" Actual Tasks On Agricultural Engineering ", Opatija - Croația ISSN 1848-4425 <i>Simulation of transportation stress of agricultural implements within laboratory, pag. 119-127</i>	Matache M. Voicu Gh. Vladut V. Voicea I. Persu C.
10.	PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING"Actual Tasks On Agricultural Engineering", Opatija - Croația ISSN 1848-4425 <i>Analysis of qualitative indexes for the process of mechanized harvesting of chamomile inflorescences, pag.237-248</i>	Muscalu A. David L.
11.	PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING" Actual Tasks On Agricultural Engineering", Opatija - Croația ISSN 1848-4425 <i>Energy consumption of a hammer mill when chopping miscanthus stalks, pag. 215-223</i>	Chițoiu M. Voicu G. Paraschiv G Moiceanu G. Vlăduț V. Matache M. Marin E. Bunduchi G. Danciu A. Voicea I. Găgeanu I.
12.	PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON	Ionescu M.

	<p>AGRICULTURAL ENGINEERING"Actual Tasks On Agricultural Engineering", Opatija - Croația ISSN 1848-4425 <i>Oil extraction using a vertical press with piston, pag. 249-258</i></p>	<p>Voicu Gh. Biriș S. Șt. Vlăduț V. Ungureanu N. Ștefan E. M. Dincă M. Matache M.</p>
13.	<p>PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING"Actual Tasks On Agricultural Engineering", Opatija - Croația ISSN 1848-4425 <i>Influence of wheel load and tire inflation pressure on footprint area in static regime, pag 99-110</i></p>	<p>Ungureanu N. Vlăduț V. Voicu Gh. Biriș S. Șt. Ionescu M. Dincă M. Vlăduț D. I. Matache M.</p>
14.	<p>PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING"Actual Tasks On Agricultural Engineering", Opatija – Croația, ISSN 1848-4425 <i>Quality of thymus (Thymus Vulgaris) screening process in order to obtain bioactive extracts, pag. 299-310</i></p>	<p>Pruteanu A. David L. Muscalu A. Vladut V.</p>
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16.	<p>PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING"Actual Tasks On Agricultural Engineering", Opatija - Croația ISSN 1848-4425 <i>Optimization of biogas production by the addition of green Miscanthus x giganteus in anaerobic digester, pag. 437÷446</i></p>	<p>Dincă M., Toma L., Ferdeș M., Voicu Gh., Paraschiv G., Moiceanu G., Vlăduț V.</p>
17.	<p>PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING"Actual Tasks On Agricultural Engineering", Opatija - Croația ISSN 1848-4425 <i>Optim Determination of soil resistance related to wear of a chisel share, pag. 187÷194</i></p>	<p>Vlăduțoiu L., Andrei T., Marin E., Vlăduț V., Biriș S.Șt., Matache M., Fechete L., Dumitru I., Kiss I.</p>
18.	<p>PROCEEDINGS OF THE 44th INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING"Actual Tasks On Agricultural Engineering", Opatija - Croația ISSN 1848-4425 <i>Databases as support for environmental management and protection pag. 499 – 508</i></p>	<p>Muraru V. Cardei P. Muraru - Ionel C. Muraru S. Ticu T.</p>
19.	<p>PROCEEDINGS OF 15th INTERNATIONAL SCIENTIFIC CONFERENCE Engineering for Rural Development, Jelgava - Latvia ISSN 1691-5976 <i>Researches concerning impurities separation process from mass of cereal seeds using vibrating sieves in air flow currents, pag.364-370</i></p>	<p>Brăcăcescu C. Găgeanu I. Popescu S. Kemal C.S.</p>
20.	<p>PROCEEDINGS OF 15th INTERNATIONAL SCIENTIFIC CONFERENCE Engineering for Rural Development, Jelgava - Latvia ISSN 1691-5976 <i>Performances evaluation of direct seeder for grasslands, pag.198-203</i></p>	<p>Manea Dragos Voicu Gheorghe Paraschiv Gigel Marin Eugen</p>
21.	<p>PROCEEDINGS OF 15th INTERNATIONAL SCIENTIFIC</p>	<p>Cujbescu D.</p>

	CONFERENCE Engineering for Rural Development, Jelgava - Latvia ISSN 1691-5976 <i>Researches on obtaining higher qualitative indices for the sowing work, engineering for rural development, pag. 1305 – 1311</i>	Vlăduț V. Voicu Gh. Ungureanu N..
22.	PROCEEDINGS OF 15th INTERNATIONAL SCIENTIFIC CONFERENCE Engineering for Rural Development, Jelgava - Latvia ISSN 1691-5976 <i>Determination of subsoiler's traction force influenced by different working depth and velocity, pag. 817-825</i>	<u>Croitoru Șt.</u> , Vlăduț V. , Marin E. , Matache M. , Dumitru I.
23.	PROCEEDINGS OF 15th INTERNATIONAL SCIENTIFIC CONFERENCE Engineering for Rural Development, Jelgava - Latvia ISSN 1691-5976 <i>Researches on optimizing the working process of machinery used for the treatment of field crops, pag. 832-838</i>	Nițu M. , Matache M. , Vlăduț V. , Imre K.
24.	PROCEEDINGS OF 15th INTERNATIONAL SCIENTIFIC CONFERENCE Engineering for Rural Development, Jelgava - Latvia ISSN 1691-5976 <i>Experimental research on the process of pelleting salix viminalis depending on humidity and granulation, pag. 624-628</i>	Găgeanu I. , Voicu Gh., Bunduchi G. , Brăcăcescu C.
25.	PROCEEDINGS OF 16th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE - SGEM ISSN 1314 – 2704, ISBN 978-619-7105-58-2 Albena, Bulgaria, 30 June – 6 July 2016 <i>E-learning system as support for improving the public awareness on environmental management and protection, pag. 255 – 262</i>	Muraru V. Pirna I. Muraru – Ionel C. Ciobanu V. Muraru S.
26.	PROCEEDINGS OF SGEM VIENNA GREEN INTERNATIONAL SCIENTIFIC CONFERENCE, Vienna, Austria, 2 - 5 Nov. 2016 Book 6 Vol 3 ISBN 978-619-7105-79-7, ISSN 1314-2704, DOI: 10.5593/sgem2016HB63 <i>Using cad models in finite element analysis, pag. 151-160</i>	Muraru V. Cardei P. Sfiru R.
27.	PROCEEDINGS OF SGEM VIENNA GREEN INTERNATIONAL SCIENTIFIC CONFERENCE, Vienna, Austria, 2 - 5 Nov. 2016 Book 6 Vol 3 ISBN 978-619-7105-79-7, ISSN 1314-2704, DOI: 10.5593/sgem2016HB63 <i>applications of finite element structural analysis in the microstructures field and their specific issues, pag. 11-18</i>	Cardei P. Muraru V. , Sfiru R.

7.1.2.Factor de impact cumulate a Ilucrărilor ISI: 2,572

7.1.3.Citări în reviste de specialitate cotate ISI: -

7.1.7. Lucrări științifice / tehnice în reviste de specialitate fără cotație ISI 59

Lucrări științifice/tehnice publicate în reviste de specialitate, fără cotație ISI	2015	2016
Număr	80	59

Anexa 6

Nr. crt.	REVISTA / ARTICOL / AUTORI
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I. INMATEH – AGRICULTURAL ENGINEERING, vol. 48, nr. 1/2016 p ISSN 2068-2239; e ISSN 2068-4215	
1.	EXPERIMENTAL COMPARATIVE STUDY BETWEEN TWO TYPES OF FORAGE DISTRIBUTING MACHINES Nedelcu A., Popa L., Voicu Gh., Zaica A., Lazăr G., Petcu A, pag.21-28
2.	DETERMINATION OF THE RELAXATION PERIOD AT STATIC COMPRESSION OF GOLDEN DELICIOUS APPLES VARIETY Veringă D., Vintilă M., Popa L., Stefan V., Petcu A.S, pag. 61-66
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IV. ANNALS OF THE UNIVERSITY OF CRAIOVA - AGRICULTURE, MONTANOLOGY, CADASTRE SERIES, vol. 46, no. 2 /2016 <i>Working Group No. 3 - FUNDAMENTALLY DISCIPLINES AND ENVIRONMENT AND PLANT MANAGEMENT</i> ISSN 1841-8317, ISSN CD-ROM 2066-950X SCIENTIFIC INTERNATIONAL CONFERENCES - The 12th ANNUAL MEETING "DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE" 17-18 November 2016,Craiova	
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10.	SEPARATION OF CHOPPED NETTLE MATERIAL ON PLANE SIEVE LENGTH Pruteanu A., Matache M., Sorică C., Muscalu A., Nițu M., pag. 516-521
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32.	INFLATION PRESSURE AND STATIC LOAD EFFECTS ON CONTACT CHARACTERISTICS AT SOLID SOIL – TIRE INTERFACE Ungureanu N., Voicu Gh., Vlăduț V., Biriș S.Șt., Matache M., pag. 253-264
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42.	<u>STRUCTURAL STATICAL ANALYSIS OF WORKING BODIES OF AGRICULTURAL CULTIVATORS</u> Biriș S.Șt., Maican E., Marin E., Bungescu S., Vlăduț V., Ungureanu N., Vlăduț I.D., Atanasov At., pag. 91-94
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45.	UTILIZAREA OZONULUI ÎN CADRUL DIVERSELOR PROCES DE DECONTAMINARE Sorică C., Pruteanu A., Birsan M., pag. 36-37
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