

7. REZULTATELE ACTIVITĂȚII DE CERCETARE-DEZVOLTARE

7.1. Structura rezultatelor de cercetare-dezvoltare

		Nr.
7.1.1	Lucrări științifice/tehnice în reviste de specialitate cotate ISI Anexa 3	32
7.1.2	Factor de impact cumulată al lucrărilor cotate ISI	3,28
7.1.3	Citări în reviste de specialitate cotate ISI	12
7.1.4	Brevete de invenție (solicitate / acordate) Anexa 4	10 / 5
7.1.5	Citări în sistemul ISI ale cercetărilor brevetate	0
7.1.6	<i>Produse / servicii / tehnologii</i> rezultate din activități de cercetare bazate pe brevete, omologări sau inovații proprii Anexa 5	7/4/2
7.1.7	Lucrări științifice/tehnice în reviste de specialitate fără cotație ISI Anexa 6	80
7.1.8	Comunicări științifice prezentate la conferințe internaționale Anexa 7	93
7.1.9	<i>Studii prospective și tehnologice, normative, proceduri, metodologii și planuri tehnice</i> noi sau perfecționate, comandate sau utilizate de beneficiar Anexa 8	9/3/4/ 11/26
7.1.10	Drepturi de autor protejate ORDA sau în sisteme similare legale	0
7.1.11	Cărți publicate	3

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

32

Lucrări științifice/tehnice publicate în reviste de specialitate cotate ISI	2014	2015
Număr	8	32

Anexa 3

Nr. crt.	Articol	Autori
1.	ROMANIAN BIOTECHNOLOGICAL LETTERS Vol. 20, No. 3/2015 [May - June], ISSN 1224 - 5984 MISCANTHUS GIGANTEUS – AN OVERVIEW ABOUT SUSTAINABLE ENERGY RESOURCE FOR HOUSEHOLD AND SMALL FARMS HEATING SYSTEMS , pag. 10369 – 10380 <i>Factor impact = 0,4</i>	Daraban (Oros) A.E. Jurcoane Ș. Voicea I.
2.	ROMANIAN BIOTECHNOLOGICAL LETTERS Vol. 20, No. 4/2015 [July - August], ISSN 1224 - 5984 INFLUENCE OF BREAKAGE PROCESS ON INCREASING THE EXTRACTION YIELD OF MEDICINAL PLANTS BIOACTIVE SUBSTANCES , pag. 10561-10571 <i>Factor impact = 0,4</i>	Voicea I Popescu C. Vlăduț V.
3.	ROMANIAN JOURNAL OF PHYSICS , vol. 60, Nr 3-4 ISSN1221-146X	Cioica N., Fechete R., Filip C.,

	<p>NMR AND SEM INVESTIGATION OF EXTRUDED NATIVE CORN STARCH WITH PLASTICIZERS, pag. 512-520. <i>Factor impact = 0,924</i></p>	<p>Cozar B., Nagy E. M., Cota C.</p>
4.	<p>10th International Conference PROCESSES IN ISOTOPES AND MOLECULES (PIM 2015) Vol. 1700 (1) / 2015, Cluj-Napoca e: ISSN 0094 – 243X, p: ISSN 1551 – 7616, SPECTROSCOPIC INVESTIGATION OF THE CONSTITUENT COMPONENTS EFFECT ON THE BIODEGRADABLE PACKAGE CHARACTERISTICS, pag. 040002(1-5).</p>	<p>Coța C. Cioica N. Filip C. Fechete R. Todica M. Nagy E.M. Cozar O.</p>
5.	<p>ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL “Gheorghe Asachi” Technical University of Iasi, Romania Vol.14, No. 10, ISSN: 1582-9596 NUMERICAL SIMULATION OF THE OXYGENATION PROCESS IN A GROWING UPERINTENSIVE FISH TANK, pag. 2465-2470 <i>Factor impact = 1,065</i></p>	<p>Ștefan V. Mocanu R-C. Popa L. Ciupercă R. Lazăr G. Petcu A-S. Zaica A.</p>
6.	<p>STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, vol. 60 (LX)2015 ISSN 1224-7154 WATER ABSORPTION AND DEGRADATION OF PACKAGES BASED ON NATIVE CORN STARCH WITH PLASTICIZERS, pag. 45-55 <i>Factor impact = 0,191</i></p>	<p>Cioica N., Fechete R., Chelcea R., Cota C., Todica M., Pop V.C., Cozar O.</p>
7.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425 MATHEMATICAL MODELS FOR DESCRIBING SEED MOVEMENT IN SEPARATION PROCESSES, pag. 405-416</p>	<p>Căsândriou T. Ciobanu V. Păun A.</p>
8.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425 IMPROVING THRESHING SYSTEM FEEDING OF CONVENTIONAL CEREAL HARVESTING COMBINE, pag. 431-440</p>	<p>Ivan Gh. Vlăduț V. Ganea I.</p>
9.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425 THE INTENSIFICATION OF SHAKING PROCESS TO THE CONVENTIONAL CEREAL HARVESTING COMBINES, pag. 417-430</p>	<p>Ivan Gh. Vlăduț V.</p>
10.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425 STUDY OF COMPACTING PROCESS AND MATHEMATICAL ANALYSIS OF MISCANTHUS BRIQUETTES EXPANSION, pag. 667-676</p>	<p>Voicea I. Vlăduț V. Cârdei P. Matache M. Găgeanu I. Voicu Gh. Popescu C. Paraschiv G. Kabas O.</p>
11.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425 COMPLEX TESTING FOR CHECKING THE MECHANICAL RESISTANCE OF AN OPERATOR PROTECTION STRUCTURES, pag. 123 - 130</p>	<p>Persu C. Matache M. Vlăduț V. Biriș S. Cujbescu D. Paraschiv G.</p>

		Ivancu B.
12.	PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering" , Opatija - Croatia, ISSN 1848-4425 QUALITY OF MECHANICAL HARVESTING OF CHAMOMILE INFLORESCENCES , pag. 365-376	Muscalu A. David L.
13.	PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering" , Opatija - Croatia, ISSN 1848-4425 ACCELERATED TEST OF MAS 65 DEEP SOIL LOOSENING MACHINE FRAME , pag. 131-140	Matache M. Voicu Gh. Cârdei P. Vlăduț V. Persu C. Voicea I.
14.	PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering" , Opatija - Croatia, ISSN 1848-4425 INFLUENCE OF THE JET'S ANGLE SIZE ON THE SPRAYING PROCESS , pag. 275-286	Roșu (Nitu) M. Căsândriou T. Matache M. Vlăduț V. Cârdei P. Bungescu S.
15.	PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering" , Opatija - Croatia, ISSN 1848-4425 COMPARATIVE STUDY REGARDING THE SOWING PRECISION OF PRECISION SOWING MACHINES DISTRIBUTION DEVICES , pag. 307-318	Cujbescu D., Voicu Gh. Bolinteanu Gh. Vlăduț V. Manea D. Persu C. Bungescu S.
16.	PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering" , Opatija - Croatia, ISSN 1848-4425 DETERMINATION OF THE QUALITATIVE INDICES OF AN UV-C INSTALLATION FOR MICROBIAL REDUCTION ON THE EXTERIOR OF HORTICULTURAL PRODUCTS , pag. 589 – 598	Sorică C. Pirnă I. Matache M. Sorică E. Brăcăcescu C. Manea D. Duțu I.
17.	PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering" , Opatija - Croatia, ISSN 1848-4425 THE INCREASE OF ACTIVE BODIES OF AGRICULTURAL MACHINES IN WORK BY HARDENING , pag. 153-164	Vlăduțoiu L. Vlăduț V. Voiculescu I. Matache M. Radu O. Biriș S. Voicea I. Paraschiv G. Atanasov At. Usenko M.
18.	PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering" , Opatija - Croatia, ISSN 1848-4425 A METHOD OF CALCULATING THE OPTIMAL SPEED OF OPERATION FOR VIBRO-CULTIVATORS , pag. 395-404	Cârdei P. Rigon L. Muraru V. M. Muraru-Ionel C. Constantin N. David A
19	PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering" , Opatija - Croatia, ISSN 1848-4425 STUDY OF AGRICULTURAL SOIL COMPACTION UNDER THE ACTION OF AGRICULTURAL MACHINERY , pag. 31-42	Ungureanu N. Croitoru Șt. Biriș S. Voicu Gh. Vlăduț V. Selvi K.Ç. Boruz S. Marin E. Matache M. Manea D. Constantin G. Ionescu M.

20.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425</p> <p>THE VERIFICATION OF STRESS BY MEF ANALYSIS/ MECHANICAL TESTING OF A TRACTION BAR, pag. 141-152</p>	<p>Vlăduț V. Biriș S. Bungescu S. Faur N. Cernescu A.</p> <p>Matache M. Kabaș O. Paraschiv G. Atanasov At.</p> <p>Ivan Gh.</p>
21.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425</p> <p>FEM ANALYSIS / TESTING RESISTANCE OF A TRACTOR SEAT, pag. 189-200</p>	<p>Biriș S.</p> <p>Vlăduț V. Faur N. Cernescu A. Kabaș O.</p> <p>Matache M. Voicea I. Bungescu S. Popescu C.</p>
22.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425</p> <p>ABOUT THE OIL EXPRESSION PROCESS USING SCREW PRESSES WITH STRAINERS OIL OUTLET, pag. 513-524</p>	<p>Ionescu M. Voicu Gh. Biriș S. Ungureanu N.</p> <p>Vlăduț V. Voicea I. Persu C.</p>
23.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425</p> <p>TESTING EXPERIMENTAL MODEL OF TRAILED WINDROWER, pag. 343-352</p>	<p>Popa L. Marin E. Nedelcu A. Ciupercă R. Ștefan V. Petcu A. Lazar G. Zaica A.</p>
24.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425</p> <p>HARMONIC ANALYSIS OF AN VIBRATING FEEDER USING "LINEAR DYNAMICS" MODULE, pag. 505-512</p>	<p>Ivancu B. Voicu Gh.</p> <p>Păun A. Vlăduț V. Constantin G. Ilie F.</p>
25.	<p>PROCEEDINGS OF THE 43rd INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", Opatija - Croatia, ISSN 1848-4425</p> <p>INVESTIGATION OF WATER DEGRADATION EFFECT ON SOME STARCH-BASED PLASTICS, pag. 755-762</p>	<p>Nagy E. M. Todica M.</p> <p>Coța C. Pop V. C.</p> <p>Cioica N. Cozar O.</p>
26.	<p>ADVANCED ENGINEERING FORUM Vol 13 (2015), Trans Tech Publications, Switzerland ISBN-13:978-3-03835-501-4</p> <p>REAL AND SIMULATED MECHANICAL TESTS, pag. 160-167</p>	<p>Matache M. Cardei P. Voicu Gh.</p> <p>Vlăduț V. Sfaru R. Ludig M.</p>
27.	<p>ADVANCED ENGINEERING FORUM Vol 13 (2015), Trans Tech Publications, Switzerland ISBN-13:978-3-03835-501-4</p> <p>NONSTANDARD MATHEMATICAL MODEL FOR FATIGUE FAILURE, pag. 127-135</p>	<p>Cardei P. Voicu Gh.</p> <p>Matache M. Voicea I. Muraru V. Ludig M.</p>
28.	<p>INTERNATIONAL JOURNAL OF FOOD PROPERTIES 2015 ISSN 1094-2912 (Print), ISSN 1532-2386 (Online)</p>	<p>Kabas O.</p> <p>Vlăduț V.</p>

	DETERMINATION OF DROP TEST BEHAVIOR OF A SAMPLE PEACH USING FINITE ELEMENT METHOD, pag. 2584-2592 <i>Factor impact = 0,92</i>	
29.	APPLIED MECHANICS AND MATERIALS, Vol. 801 “Acoustics & Vibration of Mechanical Structures II” Trans Tech Publications, Switzerland THE INFLUENCE OF THE WORKING REGIME OF OSCILLATIONS PRODUCED BY AN ELECTROVIBRATOR ON THE SORTING OF MATERIALS , pag. 213-218 <i>Factor impact = 0,15</i>	Viăduț V. Danciu A. Grigore I. Herișanu N. Dumitru I. Sorică C. Voicea I. Biriș S. Duțu M. Păunescu D. Găgeanu I.
30.	APPLIED MECHANICS AND MATERIALS, Vol. 801 “Acoustics & Vibration of Mechanical Structures II” Trans Tech Publications, Switzerland CHARACTERIZATION OF MEDICINAL PLANTS SORTING PROCESS BY PLANAR SIEVING THROUGH MECHANICAL OSCILLATIONS ANALYSIS , pag. 213-218 <i>Factor impact = 0,15</i>	Pruteanu A.M. Matache M. David L. Persu C. Duțu M. Viăduț V.
31.	PROCEEDINGS OF THE 15th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC CONFERENCE - SGEM 2015 18 – 24 June 2015, Albena, Bulgaria ISBN 978-619-7105-39-1, ISSN 1314 - 2704 DATABASE WITH ENVIRONMENTAL LEGISLATION TO IMPROVE THE PUBLIC AWARENESS ON ENVIRONMENTAL MANAGEMENT AND PROTECTION , pag. 625 – 632	Muraru V.M. Piră I. Nedelcu D. Muraru-Ionel C. Ticu T. M.
32.	PROCEEDINGS OF THE 15th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC CONFERENCE - SGEM 2015 18 – 24 June 2015, Albena, Bulgaria ISBN 978-619-7105-39-1, ISSN 1314 - 2704 WEB PLATFORM TO IMPROVE THE PUBLIC AWARENESS ON ENVIRONMENTAL MANAGEMENT AND PROTECTION , pag. 1047 – 1054	Muraru V.M. Muraru-Ionel C. Cârdei P. Sfiru R. Ticu T. M.

7.1.2. Factor de impact cumulate al lucrărilor ISI: 3,28

7.1.3. Citări în reviste de specialitate cotate ISI: 6

7.1.7. Lucrări științifice / tehnice în reviste de specialitate fără cotație ISI 80

Lucrări științifice/tehnice publicate în reviste de specialitate, fără cotație ISI	2014	2015
Număr	114	80

Anexa 6

Nr. crt.	REVISTA / ARTICOL / AUTORI
I. INMATEH – AGRICULTURAL ENGINEERING, vol. 45, nr. 1/2015 p ISSN 2068-2239; e ISSN 2068-4215	
1.	THE USE OF DIMENSIONAL ANALYSIS IN STUDYING THE SPRAYING PROCESS THROUGH NOZZLES AT PHYTOSANITARY TREATMENT MACHINES <i>Dumitrașcu A., Manea D., Căsândroiu T., pag. 25-30</i>
2.	THEORETICAL RESEARCH ON DETERMINING THE VIBRATIONS ISOLATION DEGREE OF A

	<p style="text-align: center;">VIBRATING SEPARATOR Ivancu B. , Voicu Gh. , Brăcăcescu C., Persu C. , Zaica Al., pag. 59-64</p>
3.	<p style="text-align: center;">UTILIZATION OF LABVIEW PROGRAM FOR ACQUIRING AND PROCESSING THE VIBRATIONS OF AN OSCILLATING CONE-SHAPED SIEVE WITH VERTICAL AXLE USED FOR CLEANING THE AGRICULTURAL CROPS SEEDS Stoica D., Voicu Gh., Covaliu C., Vlăduț V., pag. 51-58</p>
4.	<p style="text-align: center;">FREE SURFACE EQUATION OF BEER WORT IN A ROTAPOOL Biriș S.Șt., Vlăduț V., Ungureanu N., Begea M., Ionescu M., pag. 101-106</p>
5.	<p style="text-align: center;">EXPERIMENTAL RESEARCHES UPON THE DOSING ACCURACY OF TECHNICAL DOSAGE EQUIPMENT DESTINED FOR AGRIFOOD PRODUCTS Brăcăcescu C., Păun A., Milea D., Ivancu B., Bunduchi G., pag. 71-76</p>
6.	<p style="text-align: center;">MECHANICAL PROPERTIES OF ENERGETIC PLANT STEMS - REVIEW Moiceanu G., Voicu Gh., Paraschiv G., Dinca M., Chitoiu M., Vlăduț V., pag. 149-156</p>
<p>II. INMATEH – AGRICULTURAL ENGINEERING, vol. 46, nr. 2/2015 p ISSN 2068-2239; e ISSN 2068-4215</p>	
7.	<p style="text-align: center;">THE INFLUENCE OF PHYSICAL CHARACTERISTICS OF SOLID ORGANIC FERTILIZERS ON QUALITY OF LAND SPREADING Ștefan (Popa) V., Ciupercă R., Popa L., Nedelcu A., Lazăr G., Petcu A.S., Zaica A., pag. 77-84</p>
8.	<p style="text-align: center;">EXPERIMENTAL RESEARCHES ON WORKING QUALITATIVE INDEXES OF A DEEP LOOSENING EQUIPMENT David Al., Voicu Gh., Marin E., Dutu M., Gheorghe G., pag. 5-12</p>
9.	<p style="text-align: center;">ORGANIC PLANT AND ANIMAL WASTE MANAGEMENT SYSTEM Ciupercă R., Lazar G., Popa L., Ștefan V., Zaica A., Nedelcu A., Petcu A., pag. 69-76</p>
10.	<p style="text-align: center;">EXPERIMENTAL ASPECTS REGARDING SEED SEPARATION WITH MECHANICAL SEPARATING MACHINES WITH DRUMS Ciobanu V., Căsăndroiu T., Persu C., Păun A., Muraru V., pag. 125-132</p>
11.	<p style="text-align: center;">CERCETARI PRIVIND CALITATEA PROCESULUI DE SORTARE LA LEVĂNȚICĂ (<i>Lavandula angustifolia</i>) Pruteanu. A., David L., Vladut V., Matache M., Muscalu A., Danciu A., pag. 109-114</p>
12.	<p style="text-align: center;">MATHEMATICAL MODEL CHARACTERIZING THE ANGLE OF SPRAYING JET OF SPRAYERS DESIGNED TO FIELD CROP Nițu (Roșu) M., Vlăduț V., Matache M., Vlad C., pag. 59- 68</p>
13.	<p style="text-align: center;">ANALYSIS OF A CONVECTIVE DRYING PROCESS OF PLUMS Ingeaua M., Prisecaru T., Pirna I., Sorică C., pag. 115 – 124</p>
14.	<p style="text-align: center;">ANALYSIS OF PROFITABILITY OF IMPLEMENTING THE MISCANTHUS ENERGETIC CROP TECHNOLOGY FOR RHIZOMES CAPITALIZATION Sorica E., pag. 155 - 164</p>
<p>III. INMATEH – AGRICULTURAL ENGINEERING, vol. 47, nr. 3/2015 p ISSN 2068-2239; e ISSN 2068-4215</p>	
15.	<p style="text-align: center;">EXPERIMENTAL COMPARATIVE STUDY BETWEEN TWO TYPES OF MECHANISM USED IN GRASSLAND DRILLS TRANSMISSION Manea D., Voicu Gh., Paraschiv G., Marin E., pag. 5-12</p>
16.	<p style="text-align: center;">ENERGY ANALYSIS OF MANUFACTURING PROCESS OF BIODEGRADABLE AGRICULTURAL FILMS Deac T., Nagy E.M., Coța C., Cioica N., Gyorgy Z., pag. 67 - 74</p>
17.	<p style="text-align: center;">MATHEMATICAL MODELLING AND COMPARATIVE SIMULATION OF THE VIBRATIONS OF VIBRO-CULTIVATORS AND AGRICULTURAL CULTIVATORS Cârdei P., Muraru V., Constantin N., Muraru C., Cîlan T., Hodre C. D., Matache Mihai, pag. 31-35</p>
18.	<p style="text-align: center;">DETERMINATION OF THE RELAXATION TIME AT STATIC COMPRESSION OF IDARED APPLES VARIETY Veringă D., Vintilă M., Popa L., Ștefan V., Petcu A.S., pag. 75-80</p>
19.	<p style="text-align: center;">MATHEMATICAL MODELLING OF THE KNEADING PROCESS FOR A HORIZONTAL MIXER Voicu Gh., Muscalu Gh., Stefan E.M., Tudor P., Nedelcu A., pag. 105-112</p>

20.	<p>THE INFLUENCE OF SUSPENDING RODS ELASTICITY ON CIRCULAR MOTION OF A PLANSIFTER FOR SIFTING MILL PRODUCTS Ivancu B., Voicu Gh., Filip I., pag. 99-104</p>
21.	<p>EXPERIMENTAL RESEARCH OF AGRICULTURAL EQUIPMENT TYRES DESIGNED TO THEIR RATIONAL USE Lazăr G., Ciupercă R., Nedelcu A., Zaica A., Popa L., Stefan V., Petcu A., pag. 49-54</p>
<p>IV. ANNALS OF FACULTY ENGINEERING HUNEDOARA, International Journal of Engineering, Tome XIII, FASCICULE 2 ISSN 1584-2673</p>	
22.	<p>EXPERIMENTAL RESEARCHES ON WEIGHING AND AUTOMATION MANAGEMENT OF AGRICULTURAL PRODUCTS IN RURAL MILLING UNITS Brăcăcescu C., Milea D., Găgeanu I., Ivancu B., pag. 123-126</p>
<p>V. ANNALS OF FACULTY ENGINEERING HUNEDOARA, International Journal of Engineering, Tome XIII, FASCICULE 3 ISSN 1584-2673</p>	
23.	<p>SIZING CONVECTIVE DRYING CHAMBERS DESIGNED TO FRUITS AND VEGETABLES DEHYDRATION Ingeaua M., Prisecaru T., Sorică C., pag. 233 - 238</p>
24.	<p>STANDARDIZATION ACTIVITY IN THE FIELD OF AGRICULTURAL AND FORESTRY TRACTORS AND MACHINERY, IN THE CONTEXT OF EUROPEAN AND INTERNATIONAL STANDARDIZATION Nedelcu D., pag. 243-247</p>
<p>VI. ACTA TEHNICA CORVINIENSIS – Bulletin of Engineering Tome VIII, Fascicule 2 [April – June] ISSN: 2067 – 3809</p>	
25.	<p>RESEARCHES REGARDING THE MECHANOPNEUMATIC DISTRIBUTION ON THE STRAW CEREALS SOWING MACHINES Manea D., Brăcăcescu C., Sorică C., Dumitru I., Andrei S., David E., pag. 149-152</p>
<p>VII. ACTA TEHNICA CORVINIENSIS – Bulletin of Engineering Tome VIII, Fascicule 3 [July - September] ISSN: 2067 – 3809</p>	
26.	<p>ACCELERATED TESTING OF DEEP SOIL LOOSENING MACHINE RESISTANCE FRAME Matache M., Voicu G., Cârdei P., Persu C., Andrei S., David E., pag. 21-24</p>
27.	<p>STUDIES ON THE MATHEMATICAL MODELING OF ARTIFICIAL SOIL COMPACTION Ungureanu N., Biriş S.Şt., Vlăduţ V., Voicu Gh., Paraschiv G., pag. 85-92</p>
<p>VIII. COMPUTATIONAL MECHANICS AND VIRTUAL ENGINEERING - COMEC' 2015 Brasov 15-16 oct ISBN 2457-8541</p>	
28.	<p>STUDY ON THE SEPARATING PROCESSES OF IMPURITIES FROM WASTE WATER BY USING TANGENTIAL FILTERS Zărnoianu D., Popescu S., Brăcăcescu C., pag.177-182</p>
29.	<p>THEORETICAL AND EXPERIMENTAL RESEARCH ON THE SEPARATION PROCESS OF IMPURITIES FROM WASTE WATER THROUGH DECANTATION Zărnoianu D., Popescu S., Brăcăcescu C., pag.183-190</p>
<p>IX. ANNALS OF THE UNIVERSITY OF CRAIOVA - AGRICULTURE, MONTANOLOGY, CADASTRE SERIES, vol. 45, no. 2 /2015 ISSN 1841-8317, ISSN CD-ROM 2066-950X</p>	
30.	<p>TECHNICAL ASPECTS ON DYNAMIC BEHAVIOR OF THE SEMITRAILERS WITH SUSPENSION HITCH</p>

	Nedelcu A., Ciuperca R., Popa L., Zaica A., Lazar G., Ștefan V., Petcu A. , pag.137-142
31.	THEORETICAL ASPECTS OF THE AERATION DRYING PROCESS WITH APPLICATION IN THE HAY TECHNOLOGY Zaica A., Nedelcu A., Ciupercă R., Popa L., Păun A., Lazăr G., Ștefan V., Petcu A., Zaica A.I. , pag. 259-267
32.	CONSIDERATIONS ON OBTAINING VARIOUS TYPES OF PELLETS FROM DIFFERENT TYPES OF BIOMASS Găgeanu I., Voicu Gh., Păun A., Bunduchi G., Vlăduț V., Voicea I., Găgeanu P., Chițoiu M. , pag. 58-62
33.	CONSIDERATIONS REGARDING THE GENERAL RULES OF PROPER EXPLOITATION OF TYRES FROM THE AGRICULTURAL EQUIPMENT Lazăr G., Ciupercă R., Păun A., Nedelcu A., Popa L., Ștefan V., Petcu A., Zaica A., Boruz S. , pag. 92 - 99
34.	EXPERIMENTAL RESEARCH ON ENERGY AND OPERATING PARAMETERS OF THE TILLER M7.5 + REVERSIBLE PLOW PR1 AGGREGATE Ciupercă R., Florea N., Bolintineanu Gh., Cujbescu D., Persu C., Lazăr G., Zaica A., Grigore I., Matache M. , pag. 49-54
35.	THEORETICAL RESEARCH REGARDING THE WORKING PROCESS OF THE FERTILIZERS MANAGING SYSTEMS BY CENTRIFUGATION Petcu A. S., Popa L., Ștefan V., Ciuperca R., Nedelcu A., Gîrleanu I.-C., Avramescu A.-M., Lazăr G., Zaica A., Veringa D. , pag. 174 185
36.	RESEARCH CONCERNING THE ACHIEVEMENT OF SOME APPLES SORTING EQUIPMENTS Popa L., Petcu A., Ștefan V., Nedelcu A., Ciuperca R., Lazar G., Zaica Ana, Bracacescu C., Veringa D., Munteanu M. , pag. 191-199
37.	THE ANALYSIS OF HEAVY METALS CONTENT IN HERBAL WHOLE AND SLICED Pruteanu A., Hărmănescu M., Vlăduț V., Muscalu A., Marin E. , pag. 199-201
38.	TESTING OF PROTECTIVE STRUCTURES OF OPERATORS IN AN OVERTURNING INCIDENT Persu C., Matache M., Cujbescu D., Voicea I., Vlăduț V., Dumitru I., Ungureanu N., Boruz S., Mircea C. , pag. 167-173
39.	ASPECTS ON OPTIMIZING THE QUALITATIVE INDICES OF THE WORK OF SPRAYING FIELD CROPS Nițu (Roșu) M., Căsândroiu T., Matache M., Cujbescu D., Marin E., Vlăduț V., Matei Gh., Boruz S. , pag. 143 - 150
40.	DETERMINING THE WEAR OF ACTIVE ORGANS FOR PROCESSING SOIL DEPENDING ON THE WORKING DEPTH Vlăduțoiu L., Andrei T., Fechete L., Marin E., Vlăduț V., Matache M., Dumitru I. , pag. 253-258
41.	RESEARCH ON THE DEVELOPMENT OF A CONSERVATIVE TECHNOLOGY, USING OPTIMIZED ACTIVE BODIES FOR SOIL TILLAGE Vlăduț I.D., David L., Marin E., Biriș S.Șt., Voiculescu I., Maican E., Vlăduț V., Ungureanu N., Vlăduțoiu L., Fechete L., Croitoru Șt., Boruz S., Voicea I., Matache M., Bungescu S. , pag. 247-252
42.	CONSIDERATIONS REGARDING THE CONDITIONS OF USING TRACTOR-TRAILER COUPLING DEVICES Mircea I.D., David L., Vlăduț V., Ciupercă R., Vlăduț D.I., Duțu M., Duțu I., Dumitru I., Boruz S. , pag. 247-252
43.	INFLUENCE OF THE NUMBER OF PASSES OF AGRICULTURAL MACHINERY ON PENETRATION RESISTANCE AND THE DEGREE OF SOIL COMPACTION Ungureanu N., Vlăduț V., Voicu Gh., Biriș S.Șt., Vlăduț D.I., Perșu C., Cujbescu D. , pag. 226-234
44.	THE INFLUENCE OF THE SPEED OF REVOLUTION OF A HAMMER MILL ON MISCANTHUS CHIPPINGS Chițoiu M., Voicu Gh., Paraschiv G., Moiceanu G., Vlăduț V., Matache M., Marin E., Bunduchi G., Danciu A., Găgeanu I. , pag. 43-48
45.	CONSIDERATIONS ON OBTAINING CAMELINA OIL BY COLD PRESSING Ganea-Christu I., Bunduchi G., Găgeanu G., Marin E., Găgeanu I., Matei Gh., Vlăduț V. , pag. 67-70
46.	CONCENTRATED COMPLEX NATURAL LIQUID FERTILIZER AND THE PROCESSES OF WASTEWATERS FOR MILK INDUSTRY Ganea-Christu I., Putinelu D. , pag. 63-64
47.	CONSIDERATIONS ON THE IMPORTANCE OF JERUSALEM ARTICHOKE CROP IN HUMAN AND ANIMAL FEED Mircea C., Păun A., Marin E., Sorică C., Perșu C., Cujbescu D., Brăcăcescu C., Pop F. , pag. 124 127
48.	INCREASING THE EFFICIENCY OF HEATING SYSTEMS BY USING HEAT PUMPS Pop F., Marian M., Mircea C., Ganea I. , pag. 185-190
49.	EXPERIMENTATION METHODOLOGY FOR SEEDS SEPARATION WITH PLAN SIEVE

	<p style="text-align: center;">AND IN AIRFLOW Birsan M., Casandroiu T., Păun A., Bunduchi G., pag.13-19</p>
50.	<p style="text-align: center;">MODERN METHODS FOR FREEZING USED IN FOOD INDUSTRY Sorica C., Pirna I., Grigore I., Sorica E., Pruteanu A., Danciu A., pag. 213-217</p>
<p>X. BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA. AGRICULTURE, VOL. 73 ISSN e: 1843– 5246, p: 1843 – 5386</p>	
51.	<p style="text-align: center;">RHEOLOGICAL BEHAVIOR OF SOME LOCAL STARCH - BASED BIOPLASTICS Nagy E. M., Todica M., Cota C., Pop V. C., Olar L., Cioica N.</p>
<p>XI. SCIENTIFIC BULLETIN, series D, Vol. 77, Iss. 3, 2015, U.P. Bucharest ISSN 1454-2358</p>	
52.	<p style="text-align: center;">MATHEMATICAL MODELS FOR EXPRESSING THE OIL EXTRACTION AT SCREW PRESSES Ionescu M, Voicu G, Biris S, Matache M., Stefan M., pag. 249-260</p>
53.	<p style="text-align: center;">RESEARCHES IN THE FIELD OF THE ENERGETICS OF THE MISCANTHUS PLANTER. (1) – DETERMINATION OF THE TRACTION FORCE Poenaru I., Cârdei P., Voicu Gh., Paraschiv G., Dinca M., Vlăduț V., Matache M., pag. 245-256</p>
<p>XII. SCIENTIFIC BULLETIN, series D, Vol. 77, Iss. 4, 2015, U.P. Bucharest ISSN 1454-2358</p>	
54.	<p style="text-align: center;">ANALYSIS OF A CONVECTIVE DRYING PROCESS OF APPLES Ingeaua M., Prisecaru T., Pirna I., Sorică C.</p>
<p>XIII.TEHNOLOGIA INOVATIVA REVISTA CONSTRUCȚIA DE MAȘINI - SERIE NOUĂ Anul 67 - Nr. 1/ 2015 p: ISSN 2248 - 0420; ISSN-L 2248 – 0420; o: ISSN 2248 - 0420; ISSN-L 2248 – 0439</p>	
55.	<p style="text-align: center;">FINANCIAL ANALYSIS, FUNDAMENT OF PERFORMANCE MANAGEMENT OF AN INDUSTRIAL COMPANY Radu O., pag. 35-41</p>
56.	<p style="text-align: center;">APPLYING INDUSTRIAL REENGINEERING MODELS TO ASSESS THE MANAGERIAL POTENTIAL OF A INDUSTRIAL COMPANY Radu O., pag. 42-48</p>
<p>XIV. FRUIT GROWING RESEARCH Pitesti - Maracineni, Vol. XXXI/2015 ISSN 2286–0304, ISSN–L 2286–0304</p>	
57.	<p style="text-align: center;">STUDIES ON THE EVOLUTION OF APPLE FRUITS QUALITY DURING THE PRESERVATION PERIOD IN COLD STORAGE FACILITIES Tănăsescu N, Chițu E, Sumedrea D., Cristian M., Popa L., Sovăială Gh., pag. 71-76</p>
<p>XV. PROCEDIA TECHNOLOGY Volume 19 / 2015, ISSN: 2212-0173</p>	
58.	<p style="text-align: center;">A MATHEMATICAL MODEL OF CHOPPED MISCANTHUS BRIQUETTING PROCESS Voicea I., Voicu Gh., Cârdei P., Vlăduț V., Biriș S., pag. 750-757</p>
<p>XVI. JOURNAL OF ENGINEERING STUDIES AND RESEARCH vol. 21 (3) / 2015, ISSN 2068-7559</p>	
59.	<p style="text-align: center;">THEORETICAL ASPECTS ON THE MOVEMENT OF PLANT FRAGMENTS ON THE SURFACE OF A PLAIN SIFTERS CLASSIFIER Pruteanu A., Vlăduț V., David L., pag. 65-78</p>
60.	<p style="text-align: center;">EXPERIMENTAL RESEARCHES ON THE VEGETAL MATERIAL QUALITY, IN ORDER TO OPTIMIZE OF SOME PROCESSING PROCESSES OF THE MEDICINAL PLANTS</p>

	Pruteanu A., David L., Muscalu A., Viăduț V. , pag. 79-85
	NUMERICAL SIMULATION OF THE MOVEMENT OF SMOOTH PARTICLES AT THE ELECTROMAGNETIC SEPARATORS WITH DRUM Căsândroi T., Ciobanu V. G. , Vișan A. L. , Păun A. , pag. 13-21
XIV. REVISTA TECHNOMARKET nr. 1 / 2015, Editura ArTech București, România ISSN 2360-4085	
61.	ECHIPAMENTE DE PRELUCRARE CONSERVATIVĂ A SOLULUI David A., Marin E., Biriș S., Bungescu S. , pag.8-9
62.	MAȘINI DE REGENERAT PAJIȘTI Marin E., Manea D., Mateescu M., Gheorghe G., Cherciu D., Mihailovici C., Cheptea C., Istrate B. , pag.10-11
63.	ÎNTREȚINEREA PRIN ERBICIDARE A CULTURII DE CEAPĂ SEMĂNATĂ PRIMĂVARA ÎN CÂMP DIN SĂMÂNȚĂ Marin E., Manea D., Mateescu M., David A. , pag.20-21
64.	ECHIPAMENTE PENTRU ADMINISTRAT ÎNGRĂȘAMINTE CHIMICE Petcu A.-S., Popa L., Ștefan V. , pag.24-25
65.	REMORCI CU DECĂRCARE LA ÎNĂLȚIME Ștefan V., Popa L., Petcu A-S, Ciupercă R. , pag.4-6
66.	PREGĂTIREA TERENULUI ȘI SEMĂNATUL PRIMĂVARA ÎN CÂMP A CULTURII DE CEAPĂ DIN SĂMÂNȚĂ Marin E., Manea D., Mateescu M., Gheorghe G. , pag.14-16
67.	VINDROVERE TRACTATE PENTRU RECOLTAREA FURAJELOR ȘI FÂNEȚELOR Petcu A., Popa L., Marin E., Cherciu D., Mihailovici C., Cheptea C., Istrate B. , pag.17-18
68.	ECHIPAMENTE TEHNICE DESTINATE CALIBRĂRII SEMINȚELOR DE PORUMB Găgeanu P., Ivancu B., Zaica Al., Bunduchi G. , pag. 2-3
69.	AGRICULTURA - SURSA DE POLUARE Găgeanu G., Găgeanu I. , pag. 28-29
70.	ECHIPAMENTE TEHNICE PENTRU MANIPULAREA FURAJELOR ÎNSILOZATE Nedelcu A., Zaica A., Ștefan V. , pag. 26-27
XV. REVISTA TECHNOMARKET nr. 2 / 2015, Editura ArTech București, România ISSN 2360-4085	
71.	TEHNOLOGII PENTRU ÎNFIINȘAREA CULTURILOR DE LEGUME BULBOASE ȘI RĂDĂCINOASE PE TEREN MODELAT Mateescu M., Viăduț V., Păun A., Marin E., Gheorghe G. , pag.6-7
72.	HEDERELE COMBINELOR ACTUALE DE RECOLTAT CEREALE Ivan Gh. , pag.12-13
73.	DEPOZITAREA ȘI PĂSTRAREA SEMINȚELOR DE CEREALE ȘI PLANTE TEHNICE ÎN CADRUL FERMELOR AGRICOLE Păun A., Vișan A.-L., Ciobanu V., Bunduchi G. , pag.16-17
74.	TEHNOLOGIE DE DESCUSCUTARE A CERELELOR ȘI SEMINȚELOR Vișan A.-L., Păun A., Ciobanu V.G. , pag.21-23
75.	RECOLTAREA MECANIZATA A PLANTELOR AROMATICE Muscalu A., Pruteanu A. , pag.10-11
76.	TEHNOLOGII MODERNE UTILIZATE PENTRU CULTURA LEGUMELOR IN SPATII PROTEJATE Grigore I., Sorică C., Danciu A., Viăduț V. , pag. 18 – 20
77.	ECHIPAMENTE DESTINATE SORTĂRII MERELOR Popa L., Lazăr G., Ștefan V., Petcu A.-S. , pag.24-25
XVI. REVISTA TECHNOMARKET nr. 3 / 2015, Editura ArTech București, România ISSN 2360-4085	

78.	ECHIPAMENTE TEHNICE DE ÎNFIINȚAT ȘI RECOLTAT SALCIE ENERGETICĂ Găgeanu P., Bunduchi G., Milea D., Bogdanof G., pag. 34-35
79.	DEPOZITAREA ȘI PĂSTRAREA SEMINTELOR DE CEREALE ȘI PLANTE TEHNICE ÎN CADRUL FERMELOR AGRICOLE Păun A., Ciobanu V., Bunduchi G., Milea D., Gheorghe G., Andrei S.G., pag. 36-37
80.	INSTALATII DE OBTINERE A ULEIURILOR VOLATILE DIN PLANTE MEDICINALE SI AROMATICE Grigore I., Sorică C., Vlăduț V., Cujbescu D., Voicea I., Bolintineanu Gh., Danciu A., pag. 38-39

7.1.8. Comunicări științifice prezentate la conferințe internaționale: **93**

Comunicări științifice prezentate la conferințe internaționale	2014	2015
Număr	64	93

Anexa 7

Nr. crt.	Conferință / articol / autori
I. The 4th INTERNATIONAL CONFERENCE ON THERMAL EQUIPMENT, RENEWABLE ENERGY AND RURAL DEVELOPMENT, TE-RE-RD 4-6 iunie, Posada Vidraru, Romania ISSN 2457 – 3302, ISSN-L 2457 – 3302	
1.	CONSIDERATIONS ON PHYSICAL AND MECHANICAL PROPERTIES OF SOLID ORGANIC FERTILIZERS Ștefan V., Popa L., David L., Pirnă I., Ciupercă R., Petcu A., Duțu M. F., Găgeanu I., pag. 369-374
2.	THEORETICAL CONSIDERATIONS ON THE INFLUENCE OF THE INCLINATION ANGLE OF THE KNIFE OVER THE POWER OF AN EQUIPMENT FOR CHOPPING FODDER Lazăr G., Ciupercă R., Vlăduț V., Voicu E., Zaica A., pag. 281-286
3.	THEORETICAL ASPECTS REGARDING THE PROCESS OF DRYING THE FODDER PLANTS Zaica A., Căsândroiu T., Nedelcu A., Ciupercă R., Pirnă I., Lazăr G., Ștefan V., pag. 411-416
4.	MACHINE FOR REGENERATE DEGRADED GRASSLAND IN THE CONTEXT OF THE ECOLOGICAL REQUIREMENTS Cherciu D., Marin E., Mateescu M., Cheptea C., Manea D., David A., pag.187-192
5.	METHODS FOR APPLYING THE COMPOSITE MATERIALS / NANOTECHNOLOGIES TO ACTIVE PARTS OF TECHNICAL EQUIPMENTS FOR SOIL PROCESSING David Al., Gheorghe G., Marin E., Manea D., Vlăduț V., Dutu I., pag.211-216
6.	MACHINE FOR REGENERATE DEGRADED GRASSLAND IN THE CONTEXT OF THE ECOLOGICAL REQUIREMENTS Marin E., Cherciu D., Mateescu M., Cheptea C., Manea D., David Al., pag. 293-298
7.	INNOVATIVE TECHNOLOGY FOR ESTABLISHMENT OF ONION CULTURE IN SUSTAINABLE SYSTEM Mateescu M., Păun A., Marin E., Gheorghe G., pag. 299-302
8.	CONSIDERATIONS ON WORKING PROCESS EQUIPMENT FOR SPREADING FERTILIZER BY CENTRIFUGATION Petcu A., Popa L., Ciupercă R., Păun A., Ștefan V., Dutu M., pag.331-334
9.	STUDY ON BIOCHEMICAL CHARACTERIZATION OF PLANT EXTRACTS IN ORDER TO VALORIZE THEM Pruteanu A., Ferdes M., David L., Muscalu A., Gageanu G., pag. 335-340

10.	EXPERIMENTAL RESEARCH ON THE QUALITY OF THE MECHANIZED HARVESTING PROCESS OF CHAMOMILE INFLORESCENCES Muscalu A., David L., Pruteanu A., pag. 307-312
11.	TECHNICAL EQUIPMENTS DESIGNED FOR THE CULTIVATION TECHNOLOGY OF MISCANTHUS ENERGY PLANT Sorica E., pag. 363 - 368
12.	CONSIDERATIONS ON FACTORS INFLUENCING SEEDING, PRECISION OF SEEDERS FOR WEEDING PLANTS Cujbescu D., Voicu Gh., Bolintineanu Gh., Vladut V., Gageanu I., Gheorghe G., Biris S., Paraschiv G., pag. 205-210
13.	APPARATUS AND EQUIPMENT FOR DETERMINATION OF SOIL PHYSICAL AND MECHANICAL CHARACTERISTICS Vlăduțoiu L., Tudor A., Vladut V., Muraru C., Radu O., Petcu A., pag. 399-404
14.	CONSERVATIVE TILLAGE TECHNOLOGIES - STATE OF THE ART Biriș S. Șt, Vlăduț V., Marin E., Ungureanu N., Bungescu S.T., Atanasov A., pag. 187-186
15.	MEASURING DEVICES, EXPERIMENTAL STANDS AND EQUIPMENT USED FOR THE STUDY OF ARTIFICIAL SOIL COMPACTION Ungureanu N., Voicu Gh., Biriș S.Șt., Paraschiv G., Dilea M., Ionescu M., Vlăduț V., Matache M., pag. 375-380
16.	CONSERVATIVE SOIL TILLAGE TECHNOLOGIES Vlăduț I.D., Marin E., Biriș S.St, Ivancu B., Manea D., Vlăduț V., David Al., Gheorghe G., Ungureanu N., Duțu M., Bungescu S., Mircea D.I., pag. 393-398
17.	THEORETICAL CONSIDERATIONS ON THE GRANULATION (PELLETIZING) OF BIOMASS Găgeanu I., Voicu Gh., Bunduchi G., pag. 245-250
II. Simpozionul SCHIMBĂRILE CLIMATICE ȘI IMPACTUL ACESTORA ASUPRA MEDIULUI LOR ȘI MODUL DE ADAPTARE A TEHNICILOR AGRICOLE LA NOILE CONDIȚII Stațiune de Cercetare-Dezvoltare Agricolă Brăila ISBN 978-606-28-0254-7	
18.	ENERGII REGENERABILE - ENERGIA VERDE. CONSTIENTIZAREA PRIVIND MANAGEMENTUL ȘI PROTECȚIA MEDIULUI Păun A., Marin E., Manea D., Gheorghe G., pag. 154-180
III. 10th International Conference PROCESSES IN ISOTOPES AND MOLECULES (PIM 2015) 23-25 sept.2015, Cluj-Napoca	
19.	SPECTROSCOPIC INVESTIGATION OF THE CONSTITUENT COMPONENTS EFFECT ON THE BIODEGRADABLE PACKAGE CHARACTERISTICS Coța C., Cioica N., Filip R., Fehete, Todica M., Nagy E.M., Cozar O., Poster:T2-5
IV. ISB- INMA TEH, International Symposium „AGRICULTURAL AND MECHANICAL ENGINEERING Bucuresti, 30 Oct - 1 Nov 2015 ISSN 2344-4118 CD-ROM: ISSN 2344 – 4126; ISSN-L 2344 – 4118	
20.	STRUCTURAL STATICAL ANALYSIS OF WORKING BODIES OF AGRICULTURAL CULTIVATORS Gürdil Gürkan A.K., Demirel B., Selvi K.Ç., Kabaş Ö., Vladuț V., pag. 30-31
21.	STUDIES REGARDING BIOGAS PRODUCTION FROM ENERGY CROPS Dincă M., Voicu Gh., Paraschiv G., Ungureanu N., Toma L., Moiceanu G., Vlăduț V., Ionescu M., Zăbavă B.Ș., pag. 291-298
22.	THE INFLUENCE OF THE TEMPERATURE ON BIOGAS PRODUCTION IN A SMALL CAPACITY PLANT Toma M.L., Voicu Gh., Paraschiv G., Vlăduț V., Dincă M., Voicea I., Ungureanu N., Moiceanu G., pag. 305-310
23.	PHYSICAL-CHEMICAL AND MICROBIOLOGICAL CHARACTERIZATION OF LAVENDER WATER OBTAINED AS SECONDARY PRODUCT FROM LAVENDER (LAVANDULA ANGUSTIFOLIA L) ESSENTIAL OIL Popescu C., Pruteanu. A., Cujbescu D., Grigore I., Matache M., Voicea I., Vlăduț V., Marin E.,

	Popescu C., pag. 335-342
24.	DETERMINATION OF SOME MECHANICAL PROPERTIES OF SOYBEAN STALK RELATED WITH DESIGN PARAMETERS Kabaş Ö., Selvi K.Ç., Vlăduț V., Gürdil G.A.K., Demirel B., pag. 447-452
25.	EVALUATION OF THE DEGREE OF SOIL COMPACTION BY PENETROMETER TESTS Ungureanu N., Vlăduț V., Voicu Gh., Biriş S.Şt., Dincă M., Ionescu M., Cujbescu D., Persu C., Lazăr G., pag. 569-574
26.	CONSIDERATIONS REGARDING THE CURRENT STATE OF COUPLING DEVICES EXISTING ON THE AGRICULTURAL TRACTORS Mircea I.D., David L., Dumitru I., Vlăduț V., Marin E., Popa L., Ştefan V., Fodorean G., pag. 589-598
27.	PARAMETRIC MODELING OF THE IMPULSE GEARBOX IN OIL FROM GRASSLANDS REGENERATION MACHINE Marin E., Cherciu D., Păun A., Cheptea C., Manea D., Istrate B., Gheorghe G., Mateescu M., David A., Neacşu F., pag. 67- 72
28.	MATHEMATICAL MODELING OF THE THRESHING PROCESS MADE BY THE THRESHING SYSTEMS WITH MULTIPLE ROTORS Ivan Gh., pag. 73-82
29.	THEORETIC CONSIDERATION REGARDING THE PNEUMATIC TRANSPORT SYSTEM DESIGN MEANT FOR SMALL AND VERY SMALL SEEDS ALVEOLAR PNEUMATIC SOWING EQUIPMENT Vişan A.L., Milea D., pag. 97-104
30.	TRACTOR TRAILED WINDROWER FOR FODDER PLANTS, DESIGNED TO HARVEST, CONDITIONING AND LEAVING SWATHS OF FODDER PLANTS Popa L., Cherciu D., Ciupercă R., Antoce I., Marin E., Cheptea C., Nedelcu A., Dumitraşcu A., Ştefan V., Petcu A., pag. 105-108
31.	EXPERIMENTAL RESEARCH WITH MULTIFUNCTIONAL MACHINES TILLER M7.5 AND REVERSIBLE PLOW PR Ciuperca R., Florea N., Lazar G., Nedelcu A., Popa L., Zaica A., Ştefan V., Petcu A., pg. 137-140
32.	STRUCTURAL STATICAL ANALYSIS OF WORKING BODIES OF AGRICULTURAL CULTIVATORS Biriş S.Şt., Maican E., Marin E., Bungescu S., Vlăduț V., Ungureanu N., Vlăduț D.I., Atanasov At., pag. 147-152
33.	INNOVATIVE TECHNOLOGY FOR WORKS MECHANIZATION OF MODELING AND DIRECT SEEDING IN FIELD FOR ONION CROP Mateescu M., Marin E., Păun A., Manea D., Gheorghe G., Neacşu F., pag. 169-176
34.	CONSIDERATIONS ON THE USE OF ECODESIGN ELEMENTS IN THE CONSTRUCTION OF AGRICULTURAL MACHINERY Ganea-Christu I., Brăcăcescu C., Gheorghe G., Ganea-Christu I., Neacşu F., Marian M., Selvi K.C., pag. 205-210
35.	ECONOMIC ASPECTS OF PHYTOSANITARY CONTROL WITH NONPOLLUTING SUBSTANCES IN ORCHARDS Dumitraşcu A., Platon V., Popa L., Nedelcu A., pag. 271-278
36.	THE IMPORTANCE OF USING RENEWABLE ENERGY IN THE FORM OF BIOMASS Găgeanu I., Voicu Gh., Brăcăcescu C., Ştefan V., pag. 639-644
37.	PROCESSING TECHNOLOGIES OF THE FRUITS BELONGING TO THE DRUPACEOUS AND POMACEOUS GROUP WITHIN THE FRUIT TREE FAMILY FARMS Păun A., Marin E., Ionită Gh., Ştefan V., Epure M., pag. 485-492
38.	THEORETICAL CONTRIBUTIONS TO THE STUDY OF THE DYNAMICS OF ELECTROMAGNETICALLY DRIVEN VIBRATING SEPARATORS USED FOR THE PRIMARY PROCESSING OF CEREALS SEEDS Brăcăcescu C., Găgeanu I., Popa L., Gheorghe G., Pruteanu A., Voicea I., Ganea-Christu I., Marian M., pag. 477-484
39.	PROPOSAL FOR IMPROVING THE PROCESS OF SEED DISTRIBUTION Sărăcin I., Pandia O., Gheorghe M., Iordache V., Ganea-Christu I., Sărăcin I.A., Popa L., pag. 211-214
40.	ELECTROMAGNETIC MONITORING OF GROWTH AND FRUCTIFICATION OF SOME VARIETIES OF APPLE IN THE ORCHARD Ganea-Christu I., Velcea M., Lazăr G., Brăcăcescu C., pag. 509-512
41.	MANAGEMENT OF THE STEEL INDUSTRY IN SUSTAINABLE DEVELOPMENT CONTEXT Pandia O., Sărăcin I., Dobrotă G., Ganea-Christu I., Marin G., pag. 153-158
42.	INTELLIGENT HOEING EQUIPMENT BASED ON THE METHOD OF IMAGES RECOGNITION Gheorghe G., Matache M., Manea D., Voicea I., Marin E., Vlăduț V., Voicu Gh., Brăcăcescu C., pag. 575-582

43.	NEW TRENDS CONCERNING THE MAINTENANCE OF CROPS THROUGH UNCONVENTIONAL METHODS Gheorghe G., Mateescu M., Păun A., Marin E., Matache M., Brăcăcescu C., pag. 625-632
44.	CONSIDERATIONS ON THE IMPORTANCE OF SOYBEAN CROP IN PEOPLE AND ANIMAL FEED Mircea C., Cerempei V., Marin E., Popa L., Nedelcu A., Ciupercă R., Ștefan V., pag. 633-638
45.	CONSIDERATIONS ON THE CURRENTS STATE OF MACHINES WITH COMMAND PROGRAM IN THE PROCESSING INDUSTRY Marian M., Pop F., Marin E., Grigore I., Ganea-Christu I., Brăcăcescu C., pag. 651-656
46.	REDUCING POLLUTING EFFECTS FROM THE MECHANIZED EXECUTION OF AGRICULTURAL WORKS Epure M., Păun A., Brăcăcescu C., Găgeanu I., Marin E., pag. 657-664
47.	THEORETICAL ASPECTS REGARDING THE PROCESS OF CONVECTIVE DRYING Girleanu I.C., Căsândroiu T., Petcu A.S., pag. 665-672
48.	EXPERIMENTAL RESEARCH ON PROCESS WORK OF FORAGE DISTRIBUTING MACHINE Nedelcu A., Ciupercă R., Popa L., Ștefan V., Dumitrașcu A., Zaica A., Petcu A., Lazăr G., pag. 673-680
49.	CONSIDERATIONS ON THE CONSTRUCTION OF THE DISTRIBUTING EQUIPMENT OF SOLID ORGANIC FERTILIZERS Ștefan (Popa) V., David L., Petcu A., Zaica A., Lazar G., Popa L., Ciupercă R., Nedelcu A., Veringa D., pag. 697-704
50.	EXPERIMENTAL RESEARCH OF AGRICULTURAL EQUIPMENT TYRES DESIGNED T O THEIR RATIONAL USE Lazar G., Ciuperca R., Nedelcu A., Zaica A., Popa L., Stefan. V., Petcu A., Ungureanu N., pag. 705-710
51.	EXPERIMENTATION METHODOLOGY FOR SEEDS TREATMENT EQUIPMENT WITH BRUSH SCREW CONVEYOR Zaica Al., Zaica A., Visan A., Gageanu P., Bunduchi G., pag. 711-722
52.	DETERMINATION OF THE RELAXATION PERIOD AT STATIC COMPRESSION OF IDARED APPLES VARIETY Veringă D., Vintilă M., Popa L., Ștefan V., Petcu A.S., pag. 543-548
53.	RESEARCH ON INFLUENCE OF ENVIRONMENTAL PARAMETERS OVER THE PROCESS OF DRYING OF VOLUME FODDER Zaica A., Nedelcu A., Ciupercă R., Popa L., Lazăr G, Stefan V., Petcu A., Zaica Al., pag. 723-728
54.	THE MODEL OF THE AGGREGATE TRACTOR - SEMITOWED MACHINE Dutu M.FI., Dutu I.C., Begea M., David.L., David Al.D., pag. 729-734
55.	DISTRIBUTION ANALYSIS FOR VELOCITIES AND PRESSURES IN CICLONS Petcu A.S., Popa L., Ștefan V., Ciupercă R., Nedelcu A., Girleanu I.C., Avramescu A.-M., Veringa D., Lazăr G., Zaica A., pag. 687-696
56.	EXPERIMENTAL RESEARCHES ON THE PROCESS OF SORTING HYSSOP HERB (HYSSOPUS OFFICINALIS L.) Pruteanu. A., Danciu A., Muscalu A., Grigore I., Mitu M., Bracacescu C., pag. 539 - 542
57.	EXPERIMENTAL RESEARCH ON CHOPPING OF MEDICINAL PLANTS Muscalu A., David L., Biol. Pruteanu A. Danciu A., pag. 109-115
58.	CONSIDERATIONS ON THE IMPORTANCE OF THE PAULOWNIA TREES PLANTING Danciu A., Vlăduț V., Grigore I., Sorică C., Cristea (Danciu) M.A., Muscalu A., Pruteanu A., Marin E., Usenko M., pag. 325 -334
59.	VALORIFICAREA SUPERIOARA A LAVANDEI PRIN OBTINEREA DE ULEIURI VOLATILE APLICAND METODA DISTILARII CU VAPORI DE APA Grigore I., Sorica C., Vladut V., Matache M., Cujbescu D., Sorica E., pag. 141 - 146
60.	MATHEMATICAL MODELING AND COMPARATIVE SIMULATION OF THE VIBRATIONS OF VIBRO-CULTIVATORS AND AGRICULTURAL CULTIVATORS Cardei P., Muraru V., Constantin N., Muraru C., Cilan T., Hodre C. D., Matache M., pag. 53-58
61.	ELEMENTARY AND COMPLEX SIMULATION OF A RIVER POLLUTION IN ORDER OF ENVIRONMENTAL TRAINING AND AWARENESS Cardei P., Muraru V., Sfiru R., Muraru C., Ticu T., pag. 59-66
62.	SEPARATION OF SOLIDS USING A SLUDGE DECANTER Andrei S., Laza E., Pop A., Matache M., Marin E., Marian M., pag. 357-364
63.	STUDIES AND RESEARCH REGARDING THE PROCESS OF HERBS DRYING TECHNOLOGY Laza E., Andrei S., Pop A., Matache M., Marin E., Marian M., pag. 493-498

64.	CONSIDERATIONS ON THE IMPORTANCE OF SOYBEAN CROP IN PEOPLE AND ANIMAL FEED Mircea C., Cerempei V., Marin E., Popa L., Nedelcu A., Ciupercă R., Ștefan V., pag. 633-638
65.	ENERGY ANALYSIS OF MANUFACTURING PROCESS OF BIODEGRADABLE AGRICULTURAL FILMS Deac T., Nagy E.M., Coța C., Cioica N., Gyorgy Z., pag. 263-271
66.	CONSIDERAȚII PRIVIND OBȚINEREA ULEIULUI VOLATIL DE LAVANDĂ (LAVANDULA ANGUSTIFOLIA MILL.), ÎNTR-O INSTALAȚIE DE EXTRAȚIE PRIN ANTRENARE CU ABURI Găgeanu G., Marin E., Găgeanu I., Găgeanu P., Popescu C., pag. 343-348
67.	DETERMINATION OF THE RELAXATION PERIOD AT STATIC COMPRESSION OF GOLDEN DELICIOUS APPLES VARIETY Veringă D., Vintilă M., Popa L., Ștefan V., Petcu A.S., pag. 717-722
V. 5th International Conference RESEARCH PEOPLE AND ACTUAL TASKS ON MULTIDISCIPLINARY SCIENCES 24– 28 June 2015, Lozenec, Bulgaria ISSN 1313-7735	
68.	ENERGY PLANTS – AN ALTERNATIVE FOR FUTURE PRODUCTION OF BIOFUELS Păun A., Vlăduț V., Marin E., Manea D., Lazăr G., Găgeanu I., pag. 201-208
69.	FEATURES AND CHARACTERISTICS OF GRANULATED CHEMICAL FERTILIZERS THAT INFLUENCE THE WORK PROCESS Petcu A., Popa L., Ciupercă R., Vlăduț V., Ștefan V., Girleanu I.C., pag. 195-200
70.	RESEARCH ON THE PROCESSING OF THYME (THYMUS VULGARIS) PLANTS IN ORDER TO OBTAIN QUALITZ PRODUCTS Pruteanu A., David L., Matache M., Ferdes M., Gageanu G., Muscalu A., pag. 178-183
71.	PHYSICAL AND CHEMICAL CHARACTERIZATION OF THE LAVENDER WATER RESULTED AS WASTE AT THE OBTAINING OF THE LAVENDER VOLATILE OIL, BY DRIVING WITH WATER VAPOUR (PART 1) Popescu C., Voicea I., Vlăduț V., Cujbescu D., Duțu M., pag. 153-160
72.	PHYSICAL-CHEMICAL CHARACTERIZATION OF LAVENDER WATER RESULTED AS WASTE WHEN OBTAINING VOLATILE OIL FROM LAVENDER, BY ENGAGING WITH WATER VAPORS (PART 2) Popescu C., Voicea I., Vlăduț V., Cujbescu D., Găgeanu I., Duțu M., pag. 161-168
73.	RESEARCHES CONCERNING THE ASSESSMENT OF THE QUALITY OF THE PRODUCT OBTAINED FROM THE MECHANIZED HARVESTING OF THE CAMOMILE INFLORESCENCES Muscalu A., David L., Pruteanu A., pag. 227-232
74.	THE ANALYSIS OF THE FACTORS AFFECTING THE ECONOMIC EFFICIENCY OF A MISCANTHUS CULTURE Sorica E., pag. 47 - 51
75.	OPTIMIZATION OF SOIL WORKS FOR MAINTAINING A GOOD AGROPHYSICS STATE OF THE SOIL Vlăduțoiu L., Croitoru Șt., Tudor A., Atanasov At., Vlăduț V., Biriș S.Șt., Dumitru I., Radu O., pag. 189-194
76.	RESEARCH ON USING THE FINITE ELEMENT METHOD FOR THE STUDY OF COMPRESSION BEHAVIOR FOR SUNFLOWER SEEDS Biriș S.Șt., Ionescu M., Vlăduț V., Atanasov A., pag. 161-166
77.	CONSIDERATIONS ON THE FACTORS INFLUENCING THE ARTIFICIAL COMPACTION OF SOIL Ungureanu N., Vlăduț V., Voicu Gh., Biriș S. Șt., Paraschiv G., Atanasov At., Dilea M., Ionescu M., pag. 167-177
78.	ASPECTS REGARDING THE FACTORS INFLUENCING SOIL COMPACTION Vlăduț D.I., Croitoru Șt., Atanasov At., Vlăduț V., Biriș S.Șt., Paraschiv G., Duțu M.F., Dumitru I., Ungureanu N., Găgeanu I., Mircea I.D., pag. 184-188
79.	RESEARCH ON THE INFLUENCE OF SOIL RESISTANCE ON THE PROCESS OF DEEP SOIL LOOSENING Croitoru St., Vladut I.D., Badescu M., Vlăduț V., Matache M., Persu C., Păun A., Marin E., Atanasov At., Vezirov Ch., Biriș S. St., Dumitru I., Găgeanu I., pag. 243-247
80.	CONSIDERATIONS REGARDING THE WORK PROCESS OF DRUM / DISK TYPE VEGETAL MASS GRINDING APPARATUS Chițoiu M., Voicu Gh., Moiceanu G., Vlăduț V., Danciu A., Grigore I., pag. 269-275

81.	CURRENT STATUS OF THE CONSTRUCTIVE ACHIEVEMENTS REGARDING MACHINES FOR PRECISION SEEDING Cujbescu D., Bolintineanu G., Atanasov At., Marin E., Vlăduț V, Biriș S. Șt., Dumitru I., Găgeanu I., pag. 233-242
82.	THE SELECTED MACRO-, OLIGO- AND MICROELEMENTS (NA, K, MG, CA, FE, MN, CU AND ZN) DISTRIBUTION IN GRASSLAND FORAGE HERBS Hărmanescu M., Bungescu S., Vlăduț V., Biriș S., Gergen I., pag. 176-179
83.	THE NECESSITY TO IMPLEMENT THE INTEGRATE PARASITIC WEED CONTROL TECHNOLOGY IN AGRICULTURE COOPS AND ENVIRONMENT PROTECTION Vișan A. L., Ciobanu V. G., pag. 259-263
84.	RESEARCHES CONCERNING THE ASSESSMENT OF THE QUALITY OF THE PRODUCT OBTAINED FROM THE MECHANIZED HARVESTING OF THE CAMOMILE INFLORESCENCES Muscalu A., David L., Pruteanu A., pag. 227-232
VI. 23rd International Scientific and Technical Conference CYLINDER 2015 TESTING, DESIGNING, MANUFACTURING AND OPERATION OF HYDRAULIC SYSTEMS, 23-25 September 2015, Kliczków Castle – Poland ISBN 978-83-60708-88-0	
85.	STATE-OF-THE-ART SEEDING EQUIPMENTS USED IN PRECISION AGRICULTURE TECHNOLOGIES OPERATED BY PNEUTRONICS SYSTEMS Vișan A.L., Bogdanof G. C., Milea D., Mircea C., pag. 261-273
VII. EE&AA' 2015 – 6th INTERNATIONAL CONFERENCE - ENERGY EFFICIENCY AND AGRICULTURAL ENGINEERING Ruse, Bulgaria, 11-12 November 2015 ISSN 1311-7735	
86.	MODERN TECHNOLOGIES DESTINED FOR CLEANING AND SORTING GRAIN SEEDS FOR STORAGE AT AGRICULTURAL PRODUCERS Păun A., Ciobanu V., Milea D., Găgeanu I., Bunduchi G., Epure M., pag. 348-354
87.	CONSIDERATIONS REGARDING THE DISPENSING DEVICES OF THE HOEING PLANTS SEEDS Cujbescu D., Voicu Gh., Bolintineanu Gh., Vlăduț V., Gheorghe G., Biriș S., Paraschiv G., pag.235-244
88.	ASPECTS REGARDING THE MAIN ENERGY CROPS USED IN ROMANIA AS RENEWABLE ENERGY SOURCES Găgeanu I., Păun A., Găgeanu P., Voicu Gh., Vlăduț V., pag. 245-252
VIII. The Second International Symposium on Agricultural Engineering ISAE-2015 9th-10th October, Belgrad Serbia ISBN 978-86-7834-232-5	
89.	RESEARCH ON ASSESSING THE PURITY OF PLANT PRODUCT OBTAINED FROM THE MECHANIZED HARVESTING OF CHAMOMILE INFLORESCENCES Muscalu A, David L, Vladut V., pag. 1.43-1.52
90.	ASPECTS REGARDING THE CONSERVATION SOIL TILLAGE SYSTEMS USING ON THE WORLD Vlăduț D.I., Vlăduțoiu L., Marin E., Biriș S.Șt., Vlăduț V., Duțu M., Găgeanu I., Mircea I.D., pag. VI-1÷VI-16
IX. 28th International Conference PROCESING 2015 Belgrade, Serbia, 4 - 5 June 2015 ISBN 978-86-81505-77-9	
91.	THE POSSIBILITIES FOR USING NANO-ENCAPSULATED PHASE CHANGE MATERIALS SLURRY FOR COOLING APPLICATIONS Lelea. D., Laza I., David E., pag. 111-121
X. 6th Edition of the International Symposium - AGRARIAN ECONOMY AND RURAL DEVELOPMENT. REALITIES AND PERSPECTIVES FOR ROMANIA, Noiembrie 2015, Bucharest	

Agricultural Economics and Rural Development Journal
ISSN 2285-6803, ISSN-L 2285-6803,

92.

**ANALYSIS OF STATISTICAL INDICATORS FOR OUTPUT AREAS, IN SUD-VEST OLTENIA
DURING 2000-2013**

Vlad M.C., [Cujbescu D.](#), pag. 134-141

93.

**DESIGNING A MATHEMATICAL MODEL TO OPTIMIZE THE SIZE ACTIVITIES IN THE
PRODUCTION PLAN FOR SC RENTEIA SRL**

Vlad M.C., [Nițu M.](#), pag. 168-173