L I S T A D E L U C R Ă R I

PARASCHIV Gigel – **Dr.**/ din 2002, **Profesor universitar**/ din 2009

1⁰ Teza de doctorat

T1. Cercetări privind realizarea şi verificarea experimentală a unui pachet de programe pentru modelarea, simularea şi proiectarea pe calculator a frezelor agricole (diploma seria C, nr. 0003027).

2⁰ Cărţi publicate, îndrumare publicate (I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, sisteme de laborator funcţionale etc. (D1, D2 etc.), după caz, prin care se aduc contribuţii la asigurarea şi perfecţionarea activităţilor didactice/profesionale.

C.1 **Paraschiv G.** (coord.), Ungureanu N., Dinca M.N., Ferdes M., Moiceanu G., Zabava B.St., Toma M.L., *Obținerea biogazului și impactul asupra mediului*, Editura Politehnica Press, Bucuresti, 303 pag., 2020, ISBN 978-606-515-900-6.

C.2 **Paraschiv G.** (coord), Dincă M.N., Ungureanu N., Moiceanu G., Toma M.L., *Instalații pentru reciclarea deșeurilor*, Editura Politehnica Press, București, 289 pag., 2017, ISBN 978-606-515-750-7.

C.3 Covaliu C., **Paraschiv G.**, *Procese biochimice în ingineria mediului*, Editura Printech, 2014, 200 pagini, ISBN 9786062303365.

C.4 Covaliu C., Matei E., **Paraschiv G.**, *Ecologie și protecția mediului*, Editura Printech, 2014, 150 pagini, ISBN 9786062303372.

C.5 Covaliu C., Matei E., **Paraschiv G.**, Predescu A., *Metode de analiză a calității apelor*, ISBN 978-606-23-0329-7, 2014, 108 pagini.

C.6 Vlăduț V., Matache M., Voicea I., Nicolescu M., Biriș S.Șt., **Paraschiv G.**, Voicu Gh., A. Danciu, C. Persu, *Testarea asistată a sistemelor biotehnice*, Editura "Terra Nostra" Iaşi, 351 pag., 2012, ISBN 978-606-623-011-7.

C.7 **Paraschiv G.**, Costoiu M.C., Paraschiv I., *Modelarea matematică şi încercarea experimentală a maşinilor de frezat solul*, Editura Politehnica PRESS, Bucureşti, 245 pag., 2010, ISBN 978-606-515-181-9.

C.8 **Paraschiv G.**, Toma L., Mușuroi G., Manea M., *Sisteme de acţionare a maşinilor şi instalaţiilor*, Editura Printech, Bucureşti, 188 pag., 2008, ISBN 978-606-521-185-8.

C.9 Vintilă M., **Paraschiv G.**, Manole C., *Maşini şi instalaţii agrosilvice*, Editura CERMAPRINT, Bucureşti, 252 pag., 2007, ISBN 978-973-7667-76-2.

C.10 Vintilă M., Simion Cr., **Paraschiv G.**, Manole M., *Maşini şi utilaje în industria alimentară*, Editura CERMAPRINT, Bucureşti, 228 pag., 2007, ISBN 973-7667-57-3.

C.11 Păunescu I., **Paraschiv G.**, *Instalaţii pentru reciclarea deşeurilor*, Editura AGIR, Bucureşti, 132 pag., 2006, ISBN 973-720-109-4.

C.12 **Paraschiv G.**, *Sisteme de acţionare*, Editura Printech, Bucureşti, 141 pag., 2004, ISBN 973-652-917-7.

C.13 Opriţa N., Păunescu I., **Paraschiv G.**, *Metode matematice în biotehnică şi ingineria mediului*, Editura Matrix Rom, Bucureşti, 249 pag., 2002, ISBN 973-685-420-5.

C.14 Manole C., **Paraschiv G.,** Becheanu D., *Asigurarea şi controlul calităţii. Aplicaţie la produsele agroalimentare*, Editura Printech, Bucureşti, 282 pag., 2000, ISBN 973-652-202-4.

C.15 **Paraschiv G.**, Muşuroi G., Becheanu D., *Acţionarea hidraulică a maşinilor agricole. Elemente componente ale sistemelor hidraulice*, Editura Printech, Bucureşti, 106 pag., 2000, ISBN 973-652-080-3.

C.16 Becheanu D., **Paraschiv G.,** Muşuroi G., *Cunoaşterea automobilului. Motorul şi accesoriile sale*, Editura Printech, Bucureşti, 171 pag., 1999, ISBN 973-9475-76-0.

C.17 Babiciu P., Biriş S.Șt., **Paraschiv G.**, *Programe de iniţiere în AutoLISP cu aplicaţii în construcţia de maşini agricole*, Editura Printech, Bucureşti, 106 pag.,1998, ISBN 973-98453-6-3.

I1. **Paraschiv G.,** Paraschiv I., Niță A., *Maşini de lucrat solul, semănat şi întreţinere a culturilor*, Editura Printech, ISBN 973-718-374-6, Bucureşti, 130 pg., 2005.

I2. **Paraschiv G.**, Mușuroi G., *Sisteme de acţionare. Culegere de probleme*, Editura Printech, Bucureşti, 107 pag., 2005, ISBN 973-718-245-6.

I3. Dilea T., Becheanu D., **Paraschiv G.**, *Maşini de recoltat. Combine autopropulsate pentru recoltat cereale păioase*, Editura Printech, Bucureşti, 116 pag., 1998.

D1. Barbuta M., Bucur R.D., Cîmpeanu S.M., **Paraschiv G.**, Bucur D., *Wastes in Building Materials Industry*, 2015, Agroecology, Prof. Vytautas Pilipavicius (Ed.), ISBN: 978-953-51-2130-5, InTech, DOI: 10.5772/59933 (Capitol de carte).

D2. Păunescu I., **Paraschiv G.,** *Managementul mediului şi obţinerea biogazului în fermele suinicole*, manual editat în cadrul proiectului „Generarea Biogazului – Profit şi Performanţă de Mediu în Principalele Ferme Zootehnice din România", finanţat de DEFRA, prin Ambasada Marii Britanii la Bucureşti, în colaborare cu The Regional Environmental Center for Central and Eastern Europe – Country Office Romania, 86 pag., 2006.

3^0 Articole/studii publicate:

a) în reviste de specialitate de circulaţie internaţională recunoscute, cotate ISI sau indexate în Baze de Date Internaţionale – BDI, specifice domeniului, care fac un proces de selecţie a revistelor pe baza unor criterii de performanţă (Ris):

Ris1 Ercan U, Ermiş S, Kabas O, Öktem G, Kabas A, **Paraschiv G.** *Identification and Classification of Snack-Type Watermelon (Citrullus lanatus) Genotypes Using Seed Morphology and Machine Learning Techniques.* Foods. 2025, 14(23):4069. https://doi.org/10.3390/foods14234069, F.I.=5.1, Q1

Ris2 Ionescu M., Dincă M.N., Ferdeș M., Zăbavă B.Ș., **Paraschiv G.**, Moiceanu G. *Proteins from Edible Mushrooms: Nutritional Role and Contribution to Well-Being*. Foods. 2025, 14(18):3201. https://doi.org/10.3390/foods14183201, WOS:001581055700001, F.I.=5.1, Q1

Ris3 Dincă M.N., Ferdeș M., Zăbavă B.Ș., Ionescu M., Moiceanu G., **Paraschiv G**. *Effective Valorization of Anaerobic Digestate—A Sustainable Approach to Circular Economy*. Applied Sciences. 2025, 15(16):8939. https://doi.org/10.3390/app15168939, WOS:001557245400001, F.I.=2.5, Q2

Ris4 Purdea L., Rusanescu C.O., **Paraschiv G.,** Biris S.S., Balanescu S.M. *Assessment of the potential use of ash from the incineration of wastewater treatment sludge in cement composition.* Revista Romana de Materiale - Romanian Journal Of Materials. 2025, vol. 55(3), pp. 271-279, WOS:001601207000011, F.I.=0.65, Q4

Ris5 Ciobanu M., Rusanescu C.O., **Paraschiv G.,** Dinculoiu R.L., Cernat M.M. *Physical and chemical methods of pretreatment of lignocelulosic biomass.* University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry And Materials Science. 2025, vol. 87(1), pp. 237-245, WOS:001461069200013, Q4

Ris6 Moiceanu G., Dincă M.N., **Paraschiv G**., Zăbavă B.Ș., Ionescu M., Munteanu M.G., Dragomir M., Vlăduț V.N. (2025). *Valorization of agricultural waste towards sustainable biofuel production.* INMATEH - Agricultural Engineering, vol.77, no.3/2025 - **acceptat spre publicare**

Ris7 Ionescu M., Munteanu M.G., Zăbavă B.Ș., Moiceanu G., Dincă M.N., Vlăduț E.V., **Paraschiv G**., Ferdeș M. (2025). *The use of laccases in the bioremediation of agricultural soils: a sustainable approach for the future.* INMATEH - Agricultural Engineering, vol.77, no.3/2025 - **acceptat spre publicare**

Ris8 Ercan U., Sonmez I., Kabaş A., Kabas O., Zyambo B.C., Gölükcü M., **Paraschiv G.**, *Quantitative Assessment of Brix in Grafted Melon Cultivars: A Machine Learning and Regression-Based Approach*, FOODS, Vol. 13, 2024, DOI 10.3390/foods13233858, WOS:001335679300002, F.I.=4.7, Q1.

Ris9 Moiceanu A.D., Moiceanu G., **Paraschiv G.,** Cristea M., *Satellite imagery usage in agriculture. Case study/ Utilizarea imaginilor satelitare in agricultura. Studiu de caz*. INMATEH-AGRICULTURAL ENGINEERING, 2024, vol. 72(1), pp. 765-774, (F.I.=0.6), ISSN 2068-4215 DOI10.35633/inmateh-72-68, WOS:001230134900002.

Ris10 Visan A., Ciurcan I., **Paraschiv G**., Biris S.S., Pirvu F., Covaliu – Mierla C.I. *Application of TiO_2 for the removal of benzyl dimethyl dodecyl ammonium chloride (ddbac) from wastewater.* Revista Romana de Materiale-Romanian Journal of Materials. 2024, vol. 54(2), pp. 113-117, WOS:001424434700004, F.I.=0.65, Q4.

Ris11 Covaliu L.D., Paun I., Visan A., Iancu V.I., Matei E., Teodorescu R., Tudor V., **Paraschiv G.**, Covaliu-Mierla C.I. *Ecological treatment of wastewater containing a cationic surfactant pollutant*, Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering, Vol. 13, Pag. 698-705, 2024, WOS:001335679300002, F.I.=0.3, Q4.

Ris12 Mirela-Nicoleta Dincă, Mariana Ferdeș, **Gigel Paraschiv**, Bianca-Ștefania Zăbavă, Georgiana Moiceanu, *Isolation of microorganisms to enhance the digestibility of organic substrate for biogas production*, Scientific Bulletin. Series F. Biotechnologies, Vol. XXVIII, No. 1, pp. 149-155, 2024 ISSN 2285-1364, CD-ROM ISSN 2285-5521, ISSN Online 2285-1372, ISSN-L 2285-1364.

Ris13 Moiceanu G., Dumitra C.M., Dinca M.N., **Paraschiv G.,** *Renewable Energy and Leather Industry - Bibliometric Analysis*, Romanian Biotechnological Letters, Vol. 28, No. 3/2023. Indexed in Clarivate Analytics (SCIE, BIOSIS Previews), NLM Catalog (NLM ID: 101537003), WorldWideScience, WorldCat, CiteFactor, Scipio, CABI, JournalGuide, LetPub.

Ris14 Constantin, G.-A.; Munteanu, M.-G.; Voicu, G.; **Paraschiv, G.;** Ștefan, E.-M. *An Analysis of Air Flow in the Baking Chamber of a Tunnel-Type Electric Oven*. Computation, 2023, 11(12), 236; (F.I. 2022 = 2,200) https://doi.org/10.3390/computation11120236

Ris15 Diaconu L.I., Covaliu-Mierlă C.I., Păunescu O., Covaliu L.D., Iovu H., **Paraschiv G.** *Phytoremediation of Wastewater Containing Lead and Manganese Ions Using Algae*. Biology. 2023; 12(6):773. https://doi.org/10.3390/biology12060773, FI = 4.2, WOS:001016947300001 - **zona galbenă**

Ris16 Cujbescu D., Nenciu F., Persu C., Găgeanu I., Gabriel G., Vlăduț N.V., Matache M., Voicea I., Pruteanu A., Bularda M., **Paraschiv G.,** Boruz S.P.*Evaluation of an Optical Sorter Effectiveness in Separating Maize Seeds Intended for Sowing*, APPLIED SCIENCES-BASEL, vol. 13(5), art. no. 8892, 2023, F.I.=2.7, DOI10.3390/app13158892, WOS:001046157900001 - **zona galbenă**

Ris17 Ciucă, V.C.; Safta, V.V.; Rusănescu, C.O.; Paraschiv, G.; Deák, G.; Ilie, M.; Cănănău, S. *Rapid Environmental Impact Assessment of Penicillin G in a Veterinary Product Using an Original Software Method and Monitoring by SPE-Online-UHPLC-MS/MS*. Molecules, 2023, vol. 28(17), art. no. 6227, F.I.=4.6, https://doi.org/10.3390/molecules28176227, WOS:001062689300001 - **zona galbenă**

Ris18 Ferdeș M., **Paraschiv G.,** Ionescu M., Dincă M.N., Moiceanu G., Zăbavă B.S. *Anaerobic Co-Digestion: A Way to Potentiate the Synergistic Effect of Multiple Substrates and Microbial Diversity*. Energies, vol. 16(5), art. No. 2126, **2023**, **F.I.=3.252**, https://doi.org/10.3390/en16052116, WOS:000947526100001

Ris19 Vlăduţ N-V., Biriş S.Şt., **Paraschiv G.,** Ungureanu N., Bungescu S-T., Voicea I., Cujbescu D., Găgeanu I., Laza E., Popa L-D., Matei Gh., Lateş D., Atanasov At. - *Considerations regarding the effects of shock and vibration on operators of self-propelled agricultural equipment*, INMATEH – Agricultural Engineering, vol. 71 (3) / 2023, pp. 823-836, (IF: 0,7); DOI: https://doi.org/10.35633/inmateh-71-74

Ris20 Moiceanu G., Dinca M.N., Chițoiu M., **Paraschiv G.,** Cristea O., *Romanian biomass pellet market - techno - economic analysis*, INMATEH – Agricultural Engineering, vol. 71 (3) / 2023, pp. 882-890, (IF: 0,7); DOI: https://doi.org/10.35633/inmateh-71-77

Ris21 **Paraschiv G.,** Ferdes M., Ionescu M., Moiceanu G., Zabava B.S., Dinca M.N. *Laccases-Versatile Enzymes Used to Reduce Environmental Pollution*, Energies, vol. 15 (5), art. no. 1835, **2022, F.I.=3.252**, DOI10.3390/en15051835. WOS:000768534900001.

Ris22 Ferdes M., Zăbavă B.S., **Paraschiv G.,** Ionescu M., Dincă M.N.; Moiceanu G. *Food Waste Management for Biogas Production in the Context of Sustainable Development.* Energies, vol. 15 (17), art. no. 6268, **2022. F.I.=3.252**, https://doi.org/10.3390/en15176268. WOS:000852854000001.

Ris23 Moiceanu G., **Paraschiv G.,** *Digital Twin and Smart Manufacturing in Industries: A Bibliometric Analysis with a Focus on Industry 4.0,* Sensors, vol. 22(4), art. No. 1388, **2022**, **F.I.=3.847**, DOI10.3390/s22041388. WOS:000769499200001.

Ris24 Oprea F., Onofrei M., **Paraschiv G**., Cojocariu L., *Do Local Budgets Influence Regional Development? Empirical evidence from Romania,* LEX LOCALIS-JOURNAL OF LOCAL SELF-GOVERNMENT, vol. 20(1), pp. 77-99, **2022**, **F.I.= 0.66**, DOI10.4335/20.1.77-99(2022). WOS:000768786200004

Ris25 Pirvu F., Covaliu – Mierla C.I., Paun I., **Paraschiv G.,** Iancu V., *Treatment of Wastewater Containing Nonsteroidal Anti-Inflammatory Drugs Using Activated Carbon Material,* Materials, vol. 15(2), art. No. 559, **2022**, **F.I.= 3.748**, DOI10.3390/ma15020559. WOS:000783729000001.

Ris26 Covaliu – Mierla C.I., Matei E., Stoian O., Covaliu L., Costandanche A.C., Iovu H., **Paraschiv G.** *TiO2-Based Nanofibrous Membranes for Environmental Protection,* Membranes, vol. 12 (2), art. No. 236, **2022**, **F.I.= 4.562**, DOI10.3390/membranes12020236. WOS:000763242300001.

Ris27 Rusanescu C.O., Voicu G., **Paraschiv G**., Begea M., Purdea L., Petre I.C., Stoian E.V. *Recovery of Sewage Sludge in the Cement Industry,* Energies, vol. 15 (7), art. No. 2664, **2022**, **F.I.=3.252**, **DOI** 10.3390/en15072664. WOS:000781808300001.

Ris28 Rusanescu C.O., Rusanescu M., Voicu G., **Paraschiv G**., Biris S.S., Popescu I.N., The *Recovery of Vermicompost Sewage Sludge in Agriculture*. Agronomy – Basel, vol. 12(11), art. no. 2653, **2022**, **F.I. = 3.949.** DOI 10.3390/agronomy12112653. WOS:000880687800001.

Ris29 **Paraschiv G.**, Moiceanu G., Voicu Gh., Chitoiu M., Cardei P., Dinca M.N., Tudor P., *Optimization issues of a hammer mill working process using statistical modelling*, Sustainability, vol. 13(2), Art. No. 973, 2021, DOI: 10.3390/su130209973, eISSN: 2071-1050, WOS:000611772900001, **F.I. = 3.251.**

Ris30 Cujbescu D., Gageanu I., Persu C., Matache M., Vladut V., Voicea I., **Paraschiv G**., Biris S.St., Ungureanu N., Voicu Gh., Ipate G., *Simulation of Sowing Precision in Laboratory Conditions,* Appl. Sci. 2021, 11(14), 6264; https://doi.org/10.3390/app11146264, **F.I.=2,679**

Ris31 Stoian O., Covaliu C.I., **Paraschiv G**., Catrina (Traistaru) G.A., Nita-Lazar M., Matei E., Biris S.St., Tudor P., *Magnetite Oxide Nanomaterial Used for Lead Ions Removal from Industrial Wastewater,* Materials 2021, 14(11), 2831; https://doi.org/10.3390/ma14112831, **F.I.=3,623.**

Ris32 Covaliu C.I., Stoian O., Matei E., **Paraschiv G**.,Tanasa E., Catrina G.A. *Research on copper ions removal from wastewater using Fe3O4 and Fe3O4-PVP hybrid nanomaterials*,

Materiale Plastice, vol. 58(1), pp. 154-166, ISSN 0025-5289, 2021, DOI 10.37358/MP.21.1.5455., WOS:000691214700002, **F.I. 0.593.**

Ris33 Paun I., Mitru D., Covaliu C.I., **Paraschiv G**., Nechifor Gh., Moga I.C., Datcu-Manea A., Niță-Lazăr M., *Biodegradation of anionic and cationic surfactants using bacterial strains from activated sludge*, International Journal of Conservation Science, vol. 12(3), pp. 1171-1178, 2021, ISSN 2067533X, WOS:000698685900024.

Ris34 Stoian O., Covaliu C.I., **Paraschiv G**., *Removal of copper ions from wastewater by adsorption using magnetite nanomaterial*, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, vol. 83 (3), pp. 293-299, 2021, ISSN 1454-2331, WOS:000692192600025.

Ris35 Covaliu C.I., Matei E., Stoian O., **Paraschiv G**., *Magnetic Nanocomposite Material Containing Chitosan Polymer Used in Wastewater Depollution Processes,* Materiale Plastice, 57 (4), 2020, pp. 70-76, ISSN:2668-8220, https://doi.org/10.37358/MP.20.4.5407, **F.I.=0.593.**

Ris36 Banciu A, Moga I.C., Covaliu I.C., Vaideanu M., Radulescu D., **Paraschiv G.**, Datcu-Manea A., Lazăr M.N., *The role of cellulose in the conservation of hdpe binding specificity to potentially pathogenic biofilms from the aquatic systems,* International Journal of Conservation Science, Volume 12, Issue 1, January-March 2021, pp. 303-310, ISSN: 2067-533X (Web of Science – Emerging Sources Citation Index, SCOPUS, DOAJ – Directory of Open Acces Journals, EBSCO Publishing, IndexCopernicus, Academic Google, Ulrich's Database etc.)

Ris37 Ferdes M., Dinca M.N., Moiceanu G., Zabava B.St., **Paraschiv G.**, *Microorganisms and Enzymes Used in the Biological Pretreatment of the Substrate to Enhance Biogas Production: A Review*, Sustainability 2020, 12 (17), 7205, WOS:000569799100001, F**.I. = 2.576.**

Ris38 Cujbescu D., Biris S. St., Voicu, Gh., Matache M., **Paraschiv G.,** Vladut V., Bularda M., Ungureanu N., *Determination Of Sowing Precision In Simulated Laboratory Conditions*, INMATEH Agricultural Engineering, ISSN: 2068-4215, Volume: 61 Issue: 2 Pages: 209-216, 2020, WOS:000576420000023.

Ris39 Constantin G.A., Voicu Gh., Olac B., Ilie F., **Paraschiv G.**, Stefan V., Musuroi G., *Structural Analysis With Finite Elements Of A Subsoiler Working Part / Analiza Structurală Cu Elemente Finite A Organului De Lucru Al Unui Subsolier*, INMATEH Agricultural Engineering, ISSN 1583 – 1019, Volume 61 / No. 2 / 2020, pp. 233-240, WOS:000576420000026

Ris40 Oprea F., Onofrei M., Lupu D., Vintila G., **Paraschiv G.**, *The Determinants of Economic Resilience. The Case of Eastern European Regions*, Sustainability 2020, 12 (10), 4228, WOS:000543421400286, **F.I. = 2.576**

Ris41 Onofrei M., Gavriluta (Vatamanu) A., Bostan I., Oprea F., **Paraschiv G.**, Lazar C.M., *The Implication of Fiscal Principles and Rules on Promoting Sustainable Public Finances in the EU Countries, Sustainability 2020, 12 (7), 2772,* WOS:000531558100197, **F.I. = 2.576**

Ris42 Onofrei M., **Paraschiv G**., Cigu E., Vintila G., Gherghina S.C., *Does fiscal decentralization influence economic growth? Empirical evidence from CEE countries*. Transformations in Business & Economics 2020, Vol. 19, Issue 2B, pp. 808-828, ISSN: 1648-4460, https://doi.org/10.3390/su12072772, WOS: 000630908100010, **F.I.= 1.621.**

Ris43 Constantin G.A., Voicu Gh., Stefan E.M., Tudor P., **Paraschiv G**., Munteanu M.G., *Research Regarding Resistance Characteristics of Biscuits Assortment Using Cone Penetrometer*, World Academy of Science, Engineering and Technology, [Nutrition and Food Engineering], ISSN: 1307-6892, Vol:14, No:9, 2020, p.: 117-122., Indexed in: Google Scholar, Semantic Scholar, Zenedo, OpenAIRE, BASE, WorldCAT, Sherpa/RoMEO

Ris44 Chiţoiu M., Moiceanu G., **Paraschiv G.,** Ştefan M., Matache A., *Sound power determination for centrifugal pumps used for local agricultural irrigation in Romania*, E3S Web Conf. Vol. 180, 2020, 9th International Conference on Thermal Equipments, Renewable Energy and Rural Development (TE-RE-RD 2020), Article Number 03023, Number of pages 8, Section Rural Development, eISSN: 2267-1242, DOI https://doi.org/10.1051/e3sconf/202018003023.

Ris45 Paun I., Covaliu C.I., Pirvu F., **Paraschiv G.,** Nita-Lazar M., *Benzalkonium bromide cationic surfactant removal from wastewater using magnetite nanomaterial*, Revista de Chimie, Volume 71, Issue 4, 1 April 2020, Pages 289-296, ISSN: 00347752, DOI: 10.37358/RC.20.4.8067

Ris46 Vasile, E., Covaliu, C.-I., Stoian, O., **Paraschiv G**., Matei, E., Catrina, G.-A., Ciric, A., *Manganese ions removal from industrial wastewater*, Revista de Chimie, Volume 71, Issue 7, July 2020, Pages 391-396.

Ris47 Demetrian A.D., Costoiu M.C., Semenescu A., **Paraschiv G.,** Chivu O.R., Babis C., Moiceanu G., Negoita O., Mates I., *On the Reduction of the Biological Danger of Environmental Contamination by Using a "Complete and Reusable Thoracic Drainage System"* Sustainability 2019, 11(10), 2873; https://doi.org/10.3390/su11102873, WOS:000471010300156, **F.I.= 2.075**.

Ris48 Moiceanu G., **Paraschiv G.**, Voicu Gh., Dinca M., Negoita O., Chitoiu M., Tudor P., *Energy Consumption at Size Reduction of Lignocellulose Biomass for Bioenergy*, Sustainability 2019, 11(9), 2477; Special Issue Economic and Environmental Impact Assessment of Renewable Energy from Biomass, https://doi.org/10.3390/su11092477, **F.I.= 2.075**, WOS:000469518700025.

Ris49 Bercu A.M., **Paraschiv G.**, Lupu D., *Investigating the Energy–Economic Growth–Governance Nexus: Evidence from Central and Eastern European Countries*, Sustainability 2019, 11(12), 3355; https://doi.org/10.3390/su11123355, Special Issue Resilient Infrastructure Systems and Sustainable Economic Growth, WOS:000473753700125**, F.I.= 2.075**.

Ris50 Collaguazo G., Badea A., Stan C., Apostol T., **Paraschiv G**., Pasztai Z., *Landfill gas to energy conversion from oradea municipal waste landfill in Romania*, Environmental Engineering and Management Journal, Volume: 18 Issue: 2 Pages: 311-320, Feb 2019, ISSN: 1582-9596, WOS:000463655200005, **F.I. = 0,936.**

Ris51 Rusanescu CO., Rusanescu M., Jinescu C., **Paraschiv G.,** *Influence of Thermal Comfort on Health*, Revista de Chimie, vol. vol.70 (4), pp. 1187-1191, 2019, ISSN: 0034-7752, WOS:000469387200016, **F.I. = 1.755.**

Ris52 Rusanescu M., Rusanescu C.O., **Paraschiv G.,** *Analysis of atmospheric pollutants in Bucharest in correlation with meteorological parameters*, Revista de Chimie, vol. 69 (8), pp. 2005-2011, aug. 2018, ISSN: 0034-7752, WOS:000444602300017, **F.I. = 1.343.**

Ris53 Moiceanu G., Voicu P., **Paraschiv G**., Voicu Gh., *Behaviour of Miscanthus at cutting shear with straight knives with different edge angle,* Environmental Engineering and Management Journal, Vol. 16 (5), pp. 1203-1209, 2017, Print ISSN: 1582-9596, eISSN: 1843-3707, WOS:000409069600022, **F.I. = 1.096.**

Ris54 Manea D., Voicu Gh., **Paraschiv G.,** Marin E., Cardei P., *Technological alternatives with low consumptions to regenerate the degraded grasslands,* Journal of Agricultural Science and Technology, Vol. 19(5), pp.1057-1066, 2017, ISSN: 1680-7073, Publisher: Tarbiat Modares University, WOS:000408112700007, **F.I.=0,813.**

Ris55 Manea D., Voicu Gh., Farcas N., **Paraschiv G.,** Marin E., *Ecological technology with low inputs for regenerate the degraded grasslands,* Romanian Biotechnological Letters, Vol. 21 (1), pp. 12274-12280, 2017, WOS:000395934100015**, ISSN:** 1224-5984, **I.F. = 0.404.**

Ris56 Dincă M., Voicu Gh., Toma L., Ferdes M., Voicea I., Ungureanu N., **Paraschiv G**., Moiceanu G., Vladut V., *Biogas production from anaerobic co-digestion of cow manure and leaves of Miscanthus x giganteus*, Romanian Biotechnological Letters,Vol. 22, No. 6, 2017, pp.13135-13144, DOI: 10.26327/RBL2017.50, ISSN 1224 – 5984, WOS:000423282700014 **F.I.=0,404**.

Ris57 Covaliu I. C., Ionescu M., Petrescu G., Moga I.C., Diaconu A.D., **Paraschiv G**., Matache M. G., *Effects of Oxide Nanomaterials Used in Flotation Process in Wastewater Treatment*, Riscuri si Catastrofe, vol. 20 (XVI), 2017, pg. 185-193, DOI 10.24193/RCJ2017_14, (Revistă indexată BDI – DOAJ, Index Copernicus, Ulrichs Web, OAJI)

Ris58 Moiceanu G., Gh. Voicu, M. Ferdeş, **G. Paraschiv**, M. Dincă, V. Vlăduț, I. Gageanu, M. Chițoiu, *Comparative study on biogas production using cow and swine manure mixed with Miscanthus x giganteus as substrate,* Romanian Biotechnological Letters, Vol. 21 (5), pp. 11968-11973, 2016, **I.F. = 0.404***,* ISSN 1224 – 5984, WOS:000387969500020.

Ris59 Felegeanu D.C., **Paraschiv G.,** Panainte-Lehăduș M., Horubet M., Belciu M., Radu M., Turcu O.L., *A combined method for the analysis and assessment of risks and industrial safety*, Environmental Engineering and Management Journal, Vol. 15(3), pp. 553-562, 2016, Print ISSN: 1582-9596, eISSN: 1843-3707, WOS:000376876400009, **F.I. =1,008.**

Ris60 Petrescu V., **Paraschiv G.,** Dobrotă D., *The optimization of welding regime parameters at shielded metal arc welding (SMAW) by mathematical modeling,* Metalurgija, Vol. 55(2), pp. 217-220, 2016, WOS:000372343600019, **F.I= 0,959.**

Ris61 Moiceanu G., Voicu Gh., Dincă M., Ferdeş M., **Paraschiv G.**, Vlăduț V., Toma L., *Influence of different types of substrate on the anaerobic fermentation process,* Romanian Biotechnological Letters, vol. 21, nr.2, pp.11281 – 11289, 2016, WOS:000378173400003, **F.I. = 0.404,** ISSN 1224 – 5984.

Ris62 Begea M., **Paraschiv G**., Teodorescu R., Barbulescu I.D., Grigorica L., Tamaian R., Tamaian R., *Isolation of yeasts with potential of utilization in food biotechnologies*, Journal of Biotechnology, vol. 208, 2015, pages S8, Supplement S, DOI: 10.1016/j.jbiotec.2015.06.013, ISSN: 0168-1656, eISSN: 1873-4863, **I.F. = 2,667**, Conference: European Biotechnology, Bucharest, Romania, May 07-09, 2015.

Ris63 Barbuta M., Marin E., Cimpeanu S.M., **Paraschiv G.,** Lepadatu D., Bucur R.D., *Statistical analysis of the tensile strength of coal fly ash concrete with fibers using central composite design*, Advances in Materials Science and Engineering, Volume 2015 (2015), Article ID 486232, 7 pages, http://dx.doi.org/10.1155/2015/486232, ISSN 1687-8434, **F.I.=1,010.**

Ris64 Sărăcin I., **Paraschiv G**., Pandia O., Bozgă I., Toma D., *Researches on corrosion cracking phenomenon that occurs on welded of agricultural equipment*, Metalurgija, 54(2), 2015, 395-398. **F.I= 0,959.**

Ris65 Bozgă I., Sărăcin I., **Paraschiv G**., Pandia O., Andronie I.C., *The influence of melted material proprieties over the characteristics of welded jointings made from steel OL 52.4k*, Metalurgija, 54(3), 2015, 535-538, ISSN 0543-5846, **F.I= 0,959.**

Ris66 Rusanescu C.O., Jinescu C., **Paraschiv G**., Biris S.S., Rusanescu M., Ghermec O., *Influence of the Nb, V and Mo elements on the ecological micro-alloyed steel properties*, Revista de Chimie, 66(5), 2015, pp. 754-757, ISSN 0034-7752, **F.I.=0,81.**

Ris67 Ungureanu N., Vlăduț V., Biriș Ș.Șt., **Paraschiv G**. *FEM modeling of stress distribution and displacement in clayey soils during artificial compaction*., Advanced Engineering Forum. vol. 27, pp. 118-125, ISSN print 2234-9898, ISSN cd 2234-9901, ISSN web: 2234-991X. doi:10.4028/www.scientific.net/AEF.27.118. © 2018 Trans Tech Publications, Switzerland. ((Inspec (IET, Institution of Engineering Technology), Chemical Abstracts Service (CAS), Google Scholar, Cambridge Scientific Abstracts (CSA), ProQuest, Ulrichsweb, EBSCO, Index Copernicus Journals Master List, Wordcat (OCLC)). https://www.scientific.net/AEF.27.118.pdf

Ris68 Voicu Gh., Dincă M., **Paraschiv G.**, Moiceanu G., *A review regarding the biogas production through anaerobic digestion of organic waste*, Advanced Engineering Forum Vol 13, p.185-193, 2015, Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AEF.13.185. Indexed in: Inspec (IET, Institution of Engineering Technology), Chemical Abstracts Service, Google Scholar, Cambridge Scientific Abstracts, ProQuest, Ulrichsweb, EBSCO, Index Copernicus Journals Master List WorldCat.

Ris69 Cantaragiu A.M., Fetecau C., **Paraschiv G**., *Effect of carbon nanotubes concentration on creep behaviour of polypropylene-carbon nanotubes nanocomposites*, Revista Materiale Plastice, Bucureşti, vol. 52, nr. 1, 2015, pp. 69 -74, ISSN 0025-5289, **F.I.=0,463**.

Ris70 Voicu Gh., Dincă M., Ferdeş M., **Paraschiv G.**, N. Ungureanu, G. Moiceanu, P. Voicu, *Researches regarding the indices of anaerobic fermentation process for alfalfa biomass,* American-Eurasian Journal of Agricultural & Environmental Sciences, 15(10), pp. 2080-2087, 2015, ISSN 1818-6769. (Revistă indexată ISI, CABI, DOAJ, EBSCO Inc., Agriculture Resources)

Ris71 Dincă M., **Paraschiv G.**, Voicu Gh., Moiceanu G., Ungureanu N., Chitoiu M., *Prevention measures of environmental risks generated by uncontrolled storage of wastes – a review*, Journal of Engineering Studies and Research, Vol. 21 (3), pp. 22-27, 2015, ISSN 2068-7559 (indexed and abstracted in the International Data Bases: ProQuest CSA (SUA), VINITI (RUSIA), EBSCO, Index Copernicus, Academic Journals Database, Directory of Research Journal Indexing (DRJI)).

Ris72 Vîlcu C., Voicu G., **Paraschiv G.,** Manole E.S., Lehr C., Nedea A., Borzea C.I., *System for dynamic monitoring and warning in case of ecological risk for surface waters*, Environmental Engineering and Management Journal, 13(7), 2014, pp. 1757-1764, ISSN 1582-9596, **F.I=1,065.**

Ris73 Nadabaica D.C., Radkowski S., Nedeff V., **Paraschiv G.**, Barsan N., Nicolescu M.C., *Experimental study of noise levels generated by rolling bearings in different stages of deterioration*, Environmental Engineering and Management Journal, 13(7), 2014, pp. 1631-1639, ISSN 1582-9596, **F.I=1,065.**

Ris74 **Paraschiv G.**, Dobrotă D., *Research on deformations which appear in within the metal structures of mining equipment*, Metalurgija, 2014, Vol. 53 Issue 4, pag. 657-660. 4p. **F.I.=0,959**, http://hrcak.srce.hr/122215?lang=en.

Ris75 Bucur R.D., Cimpeanu C., Barbuta M., Ciobanu G., **Paraschiv G.,** Harja M., *A comprehensive characterization of ash from Romania thermal power plant*, Journal of Food, Agriculture and Environment, 12(2), 2014, pp. 943-949, ISSN 1459-0255, **F.I=0,44.**

Ris76 Tomozei C., Nedeff F., **Paraschiv G.**, Irimia O., Ardeleanu G., Conțu Petrovici A., *Mathematical modelling of sound pressure level attenuation transmitted by an acoustic screen in industrial environment,* Environmental Engineering and Management Journal, July 2014, Vol.13, No. 7, pp. 1743-1749, ISSN 1582-9596, **F.I.=1,065**.

Ris77 Covaliu C.I., **Paraschiv G.**, Biriş S.Șt., Jitaru I., Vasile E., Diamandescu L., Velickovic T. C., Krstic M., Ionita V., Iovu H., Matei E., *Maghemite and poly-dl-alanine based core-shell multifunctional nanohybrids for environmental protection and biomedicine applications*, Applied Surface Science, 285 (PARTA), pp. 86-95, 2013, ISSN 0169-4332, **F.I.=2,112**.

Ris78 Covaliu C.I., Jitaru I., **Paraschiv G.**, Vasile E., Biriş S.Șt., Diamandescu L., Ioniță V., Iovu H., *Core-shell hybrid nanomaterials based on CoFe2O4 particles coated with PVP or PEG biopolymers for applications in biomedicine*, Powder Technology, 237, pp. 415-426, 2013, ISSN 0032-5910, **F.I.=2,024**.

Ris79 Parausanu I., Hadăr A., **Paraschiv G.,** Vișan C.D., *Dynamic behaviour of an elastic orthotropic shaft*, Materiale Plastice,Volume 50, Issue 2, pp. 106-112, 2013, ISSN 0025-5289, **F.I. = 0,387**.

Ris80 Voicu Gh., Ștefan E.M., Constantin G.A., Biriș S.Șt., **Paraschiv G.**, *Rheological behaviour to cone penetration of dough from different wheat flour types*, Advanced Science Letter, Vol 19 (2), 2013, pp. 679 – 684, ISSN 1936 – 6612, **F.I. = 1,253**.

Ris81 Sebeșan I., **Paraschiv G.**, Zaharia I., *Test determination of mechanical charcteristics for rubber plates used at K railway fastening system*, Materiale Plastice, nr.3, 2012, ISSN 0025/5289, **F.I. = 0,387**.

Ris82 Biriș S.Șt., Vlăduț V., Ungureanu N., **Paraschiv G.**, Voicu Gh., *Development and experimental testing of a FEM model for the stress distribution analysis in agricultural soil due to artificial compaction*, Agriculturae Conspectus Scientificus (ACS), Vol.74, No.1, pp. 21-29, 2009, ISSN 1331-7768 (print); ISSN 1331-7776 (online), [*SCOPUS, ASFA, Biological Abstracts, BIOSIS Previews, CAB Abstracts, GEOBASE*] http://hrcak.srce.hr/35766.

Ris83 Vlăduț V., Biriș S.Șt., **Paraschiv G.**, Bungescu S., Ungureanu N., Ionescu Al., Popa L-D., Cujbescu D., Voicea I., Găgeanu I., Żelaziński T. - Analysis of the working process of the walkers and of the movement of the material on the oscillating elements, AGRI INMA - Sustainable Agriculture and Environmental Protection Journal 3 (2023), pp. 68-75, Bucharest, ISSN-L 3008-4415, Index COPERNICUS International, Google Scholar, CABI

Ris84 Moiceanu G., Dumitra C.M., Dinca M.N., **Paraschiv G.,** Renewable Energy and Leather Industry - Bibliometric Analysis, Romanian Biotechnological Letters, Vol. 28, No. 3/2023. Indexed in Clarivate Analytics (SCIE, BIOSIS Previews), NLM Catalog (NLM ID: 101537003), WorldWideScience, WorldCat, CiteFactor, Scipio, CABI, JournalGuide, LetPub

b) în alte reviste de specialitate de circulaţie internaţională (Rio)

Rio1. Vlăduţ V., Găgeanu G., Tudor A., Voicea I., Găgeanu I., Savin L., Biriş S., **Paraschiv G**., Ivan Gh., Covaliu C., *Test conditions of a motor hoe according D 2000/14/EC*, Tractors and Power Machines, vol. 19, nr. 1, 2014, Novi Sad, Serbia.

Rio2. Vlădut I.D., Croitoru St., Bădescu M., Usenko M., **Paraschiv G**., Vlădut V., Marin E., Ivancu B., Cujbescu D., Mircea I.D., *Experimental researches on the determination of ash content after combustion of Miscanthus briquettes compared to the sawdust briquettes*, Tractors and Power Machines, vol. 19, nr. 1, 2014, Novi Sad, Serbia.

Rio3. Toderaşc P., Petcu A,S., Avramescu A.M., **Paraschiv G**., *Testing the equipments for germinating bed preparation*, Tractors and Power Machines, vol. 19, nr. 1, 2014, Novi Sad, Serbia.

Rio4. Bolintineanu Gh., Cujbescu D., Persu C., Voicu Gh., **Paraschiv G**., Maican E., *Evaluation of safflower culture (Carthamus Tinctorius L.) as a culture alternative for sunflower culture (Helianthus Annuus L.) in the arid areas of southern Romania*, Tractors and Power Machines, vol. 19, nr. 1, 2014, Novi Sad, Serbia.

Rio5. Vlăduţ V., Matache M., Voicea I., Bungescu S., Biriş S., **Paraschiv G**., *Environmental and soil pollution reduction by using of a monitoring and warning centralized system,* International Scientific Conference on "*Environment and Biodiversity*", Ecologica 17, nr. 59, Godina XVII, pag. 301-308, ISSN 0354 - 3285, April 2010, Beograd, Serbia.

Rio6. Vlăduţ V., Matache M., Biriş S.Şt., **Paraschiv G.**, Bungescu S., *Vibroacustical diagnostic in-situ applicable to an MC 70 CNC vertical machining for determination of predictive maintenance service*, Tractors and Power Machines, vol.14, pp.82-87, December 2009, Novi Sad – Serbia, ISSN 0354 - 9496.

Rio7. Vlăduț V., Ganga M., Biriș S.Șt., **Paraschiv G.**, Bungescu S., *Correspondence between the European Directives and the OECD Codes, used for testing of the agricultural and forestry tractors on wheels*, Tractors and Power Machines, Godina 13 (Vol.13), pp. 7-10, December 2008 Novi Sad – Serbia, UDK 631.372, ISSN 0354-9496.

Rio8. Vlăduț V., Ganga M., Mihai M., Biriș S.Șt., Maican E., **Paraschiv G.**, *The testing of the protection structure of agricultural tractors at overturning, acording european norms*, Tractors and Power Machines, Vol.12, No.2, pp. 73-78, November 2007, Novi Sad – Serbia, ISSN 0354-9496.

c) în reviste din ţară recunoscute C.N.C.S.I.S. (Rns)

Rns1 Dincă M., Ferdeș M., **Paraschiv G.**, Ungureanu N., Vlăduț V., Moiceanu G., Zăbavă B.Șt. *Lignocellulosic biomass pretreatment for biofuel production*. The 13th Annual Meeting „Durable Agriculture – Agriculture of the Future", 9-10 Nov. 2017, Craiova. Annals of the University of Craiova – Agriculture, Montanology, Cadastre Series. Vol. XLVII/2, Working group no. 4 – Management, agriculture mechanization and cadastre, pp. 310-316, ISSN 1841-8317, ISSN CD-ROM 2066-950X (B+, cod CNCSIS 502).

Rns2 Zăbavă B.Șt., Voicu Gh., **Paraschiv G.**, Dincă M., Ungureanu N., Ionescu M., Ferdeș M., Duțu I., Vlăduț V. *Advanced methods of biogas purification – a review*. The 13th Annual Meeting „Durable Agriculture – Agriculture of the Future", 9-10 Nov. 2017, Craiova. Annals of the University of Craiova – Agriculture, Montanology, Cadastre Series. Vol. XLVII/2, Working group no. 4 – Management, agriculture mechanization and cadastre, pp. 470-475, ISSN 1841-8317, ISSN CD-ROM 2066-950X (B+, cod CNCSIS 502)

Rns3 Chitoiu M., Moiceanu G., Voicu Gh., **Paraschiv G.**, Vlăduț V., Găgeanu I., Aspects regarding biomass from energeic plants (energetic willow – Salix Minimalis) grinding process for pelletization, Annals of the University of Craiova – Agriculture, Montanology, Cadastre Series. Vol. XLVII/2, Working group no. 4 – Management, agriculture mechanization and cadastre, pp. 295-301, ISSN 1841-8317, ISSN CD-ROM 2066-950X (B+, cod CNCSIS 502).

Rns4 Voicu Gh., Moiceanu G, Chitoiu M, **Paraschiv G.**, Carp – Ciocârdia D.C. – A study into hammer mill rotor and hammer construction and shock equilibration, The 7th International Conference on Computational Mechanics and Virtual Engineering COMEC 2017 Brasov, ROMANIA, 16-17 November 2017vol.I; pag. 104-109.

Rns5 Toma M.L., Voicu Gh., **Paraschiv G.,** Vlăduț V., Dincă M., Voicea I., Ungureanu N., Moiceanu G. The influence of the temperature on biogas production in a small capacity plant. ACTA TEHNICA CORVINIENSIS – Bulletin of Engineering, Tome IX, Fascicule 4 (October-September), pp. 153-156, ISSN 2067-3809, Hunedoara, 2016 (B+, cod CNCSIS 940)

Rns6 Moiceanu G., Voicu Gh., G. Mușuroi, **G. Paraschiv,** M.N. Dincă, G. Ipate, M. Chițoiu, *Energy consumption evaluation during mechanical processing of agricultural vegetal biomass*, University Politehnica of Bucharest Scientific Bulletin, Series D: Mechanical Engineering, Vol. 78, Iss. 3, pp.215 – 222, 2016, ISSN 1454-2358 (**Ulrich`s International Periodicals Directory, Scopus, Inspec, Metadex, Elsevier sciencess bibliographic databases, Engineering village, Cambridge scientific abstracts, Compendex**).

Rns7 Manea D., Voicu Gh., **Paraschiv G.**, Marin E., *Theoretical researches on kinematics of cam - Rocker mechanisms from seed drills transmission,* UPB Scientific Bulletin, Series D: Mechanical Engineering, Vol. 78(2), pp. 199-210, 2016. ISSN (print): 1454-2358 / (online): 2286-3699.

Rns8 Moiceanu G., Voicu Gh., **Paraschiv G.**, Dinca M., Chitoiu M., Vladut V., *Mechanical properties of energetic plant stems – review*, INMATEH – Agricultural Engineering, Vol. 45, No.1, pp. 149 – 156, 2015, ISSN e. 2068-2239.

Rns9 **Paraschiv G.**, Manole C., *Explaining the phenomenon of separation into fractions of a mixture of particulate matter by applying the principle of minimum energy*, INMATEH -

Agricultural Engineering, 45 (1), 2015, pp. 65-70. Indexată BDI - ULRICHS, CABI, SCOPUS, http://www.inmateh.eu/index_rom.htm.

Rns10 Manea D., Voicu Gh., **Paraschiv G.**, Marin E., *Experimental comparative study between two types of mechanism used in grassland drills transmission [Studiu comparativ experimental între două tipuri de mecansime utilizate în transmisia maşinilor de regenerat pajişti],* INMATEH - Agricultural Engineering, Vol. 47(3), pp. 5-12, 2015.

Rns11 Poenaru I.C., Cardei P., Voicu Gh., **Paraschiv G.**, Dinca M., Vladut V., Matache G., *Researches in the field of the energetics of the miscanthus planter. (1) – determination of the traction force*, Scientific Buletin of UPB, Series D: Mechanical Engineering, Vol. 77, Iss. 1, pp. 245 – 256, 2015, ISSN (print): 1454-2358 / (online): 2286-3699.

Rns12 Voicea I., Danciu A., Selvi K.C., Vlăduț V., Voicu Gh., **Paraschiv G**., Grigore I., *Integrated technology for obtaining agripellets/ Tehnologie integrate de obținere a agripeleților,* INMATEH - Agricultural Engineering, Vol. 42 (1), 2014, pp. 129-136.

Rns13 Stan C., Apostol T., **Paraschiv G.,** Pasztai Z., *Two solutions for MSW treatment in view of landfill minimization and energy recovery maximization*, U.P.B. Sci. Bull., Series D: Mechanical Engineering, Vol. 76, Iss. 4, 2014, ISSN 1454-2358.

Rns14 G.A. Trăistaru, C.I Covaliu, **G. Paraschiv**, G. Gallios, V.Vlăduț, D. Manea, C. Sorică, *Nitrates ions efficient removal from water using three nanoadsorbents*, Annals of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XII, Fascicule 4, 325-328, 2014, ISSN: 1584-2673.

Rns15 Ungureanu N., Biriș S. Șt., Vlăduț V., Voicu Gh., **Paraschiv G.,** *Studies on the mathematical modeling of artificial soil compaction*, Acta Tehnica Corviniensis – Bulletin of Engineering, Tome VIII, Fascicule 3 (July-September), pp. 85-92, ISSN 2067-3809, Hunedoara, 2015.

Rns16 Constantin G.A., Voicu Gh., Ștefan E.M., **Paraschiv G**., Mușuroi G., *Physical properties of the grist fractions at the second reduction passage of a milling plant*, INMATEH - Agricultural Engineering, Vol. 43, Nr.2, pp. 119-126, 2014, ISSN 2068-4215 (*Indexare în Ulrich`s, Cabi, Scipio Romanian Editorial Platform, Elsevier/SciVerse SCOPUS, Copernicus International, Elektronische Zeitschriftenbibliothek, EBSCO*)**.**

Rns17 Covaliu C.I., Traistaru G.A. and **Paraschiv G.**, *Method for preventing air pollution: Methane oxidation by two types of catalysts*, Ovidius University Annals of Chemistry Volume 25, No 1, pp. 43-46, 2014.

Rns18 Voicu Gh., Moiceanu G., **Paraschiv G.**, *Miscanthus stalk behavior at shear cutting with V cutting blades, at different sharpenning angles*, Scientific Buletin of UPB, Series D: Mechanical Engineering, Vol. 75, Iss. 3, pp. 257 – 270, 2013, ISSN 1454 – 2358.

Rns19 Constantin G.A., Voicu Gh., Ștefan E.M., **Paraschiv G.**, *Research of the grist dimensional characteristics of the second-matter grinding in an industrial wheat mill*, INMATEH - Agricultural Engineering, Vol. 39, Nr. 1, pp. 71-78, 2013, ISSN 2068-4215.

Rns20 Paraschiv G., Voicu Gh., Constantin G.A., Darie G., Biriș S.Șt., Ștefan E.M., *Critical control points on the technological flow of panification*, Annals of the Academy of Romanian

Scientists, Series on Engineering Sciences, vol. 5, pp. 37 – 58, 2013, ISSN 2066 – 6950, București, România.

Rns21 Rusănescu C.O., **Paraschiv G.**, Murad E., Duțu M.F., *Monitoring solar radiation intensity with sun-earth angle in the year 2011 in the north west of Bucharest*, INMATEH - Agricultural Engineering, Vol. 40, No. 2, pp. 97 – 102, 2013, ISSN 2068 – 2239.

Rns22 Rusănescu C.O., **Paraschiv G.**, Voicu Gh., Stoica D., *Analysis of pressure in Bucharest between 2009-2012*, Revista Hidraulică, nr. 3, pp. 57 - 63, 2013, ISSN 1453-7303, *(indexată SCIPIO; http://www.fluidas.ro/hidraulica/2013/nr_3/57_63.pdf.)*

Rns23 Voicu Gh., Moiceanu G., **Paraschiv G.**, Voicu P., *Statistical characterization of the compression properties for agricultural biomass used as a source of biomass*, Buletinul Institutului Politehnic din Iași, Secția Construcții de Mașini, Tomul LVI (LX), Fasc. 4B, pp. 489 - 498, 2010, ISSN 1011 - 2855, (*Rev. B+, Cod CNCSIS 500, Indexare BDI – ULRICHS, Copernicus)*.

Rns24 Biriș S.Șt., Ungureanu N., **Paraschiv G.**, Manea M., Tudosie M., Bungescu S., *Analysis of stresses and strains distribution in the rods af tractor suspension mechanism using finite elements method,* Buletinul Institutului Politehnic din Iași, Secția Construcții de Mașini, Tomul LVI (LX), Fasc. 4B, pp. 357 – 362, 2010, ISSN 1011 -2855, (*Rev. B+, Cod CNCSIS 500, Indexare BDI – ULRICHS, Copernicus)*.

Rns25 **Paraschiv G.**, Mușuroi G., Ungureanu N., Biriș S.Șt., Vlăduț V., Marin E., *Researches on the reduction of fuel consumption in case of automatic systems for position control use*, INMATEH – Agricultural Engineering, INMA București, nr. 27, pp. 63 – 70, 2009, ISSN 1583 – 1019, (*Rev. B+, Cod CNCSIS 737, Indexată BDI – ULRICHS, CABI, SCOPUS, http://www.inmateh.eu/index_rom.htm*).

Rns26 Biriș S.Șt., **Paraschiv G.**, Maican E., Ungureanu N., Manea M., Vlăduț V., *Present and future in the field of alternative energy use*, INMATEH – Agricultural Engineering, INMA București, nr.27, pp. 13–22, 2009, ISSN 1583 – 1019, (*Rev. B+, Cod CNCSIS 737, Indexată BDI – ULRICHS, CABI, SCOPUS, http://www.inmateh.eu/index_rom.htm*).

Rns27 Voicu Gh., Tudosie M., Căsăndroiu T., **Paraschiv G.**, *Experimental reserches regarding the qualitative bakery analysis using the falling index for some romanian production wheat flours*, INMATEH – Agricultural Engineering, INMA București, nr.27, pp. 294 – 297, 2009, ISSN 1583 – 1019, (*Rev. B+, Cod CNCSIS 737, Indexată BDI – ULRICHS, CABI, SCOPUS, http://www.inmateh.eu/index_rom.htm*).

Rns28 Păun A., Găgeanu P., Tenu I., **Paraschiv G.**, *Impact of the technologies of obtaining concentrated fodder upon animal nourishment and environment*, INMATEH – Agricultural Engineering, INMA București, nr. 24, pp. 229 – 234, 2008, ISSN 1583 – 1019, (*Rev. B+, Cod CNCSIS 737, Indexată BDI–ULRICHS, CABI, SCOPUS, http://www.inmateh.eu/index_rom.htm*).

Rns29 **Paraschiv G.**, Biriș S.Șt., Toma L., Vlăduț V., Popa L., *The rotor speed influence on the working process executed by tillage cutters*, INMATEH - Agricultural Engineering, INMA București, nr. 25, pp. 33 - 37, 2008, ISSN 1583–1019 (*Rev. B+, Cod CNCSIS 737, Indexată BDI – ULRICHS, CABI, SCOPUS, http://www.inmateh.eu/index_rom.htm*).

Rns30 Bungescu S., Vlăduț V., Biriș S.Șt., Tarcaet R., **Paraschiv G.**, *Thorough researches on using the stratified composite materials in engineering of the mouldboards of modern mechanic ploughs*, INMATEH - Agricultural Engineering, INMA București, nr. 25, pp. 56 – 60, 2008, ISSN

1583 – 1019, (*Rev. B+, Cod CNCSIS 737, Indexată BDI – ULRICHS, CABI, SCOPUS, http://www.inma.ro/inmateh/inmateh.htm*).

Rns31 Biriș S.Șt., Vlăduț V., **Paraschiv G.**, Gafitianu D., Ungureanu N., Manea M., *Some concepts regarding the sustainable development in Romanian agriculture*, INMATEH – Agricultural Engineering, INMA București, nr. 25, pp. 102 - 108, 2008, ISSN 1583 – 1019 (*Rev. B+, Cod CNCSIS 737, Indexată BDI–ULRICHS, CABI, SCOPUS, http://www.inmateh.eu/index_rom.htm*).

Rns32 Vlăduț V., Ganga M., Gafiteanu D., Biriș S.Șt., **Paraschiv G.**, Bungescu S., *Research regarding the obtained oil characterization by cold pressing from vegetables products*, Buletinul Institutului Politehnic din Iaşi, Secţia Construcţii de Maşini, Tomul LIV (LVIII), Fascicula 1, pp. 645 - 654, 2008, ISSN 1011 - 2855 (*B+, Cod CNCSIS 500, Indexare BDI – ULRICHS, COPERNICUS*).

Rns33 Biriș S.Șt., Maican E., **Paraschiv G.**, Vlăduț V., Bungescu S., *A model for prediction of stress state in soil below agricultural tyres using the finite element method*, Scientific Bulletin of U.P.B., Seria D, Vol. 69, No.4, pp. 19 - 28, 2007, ISSN 1454-2358 *(cotată B+, Cod CNCSIS 102 indexată Scopus).*

Rns34 Vlăduț V., Gangu V., Bajenaru S., Biriș S.Șt., **Paraschiv G.**, *Researches regarding the determination of oil content from vegetables products*, Analele Universității din Craiova, Vol. XXXVII/B, pp. 363 – 372, 2007, ISSN 1841 - 8317 *(B, Cod CNCSIS 500, Indexată Copernicus).*

Rns35 Paraschiv G., Maican E., Paraschiv I., Bucur D., *Study on stability at work for tillage aggregates*, Cercetări Agronomice în Moldova, vol. 2 (130), pp. 5 - 13, 2007, Iași, ISSN 0379-5837 *(Indexare CAB International, SCIRUS, COPERNICUS etc.)*.

Rns36 Paraschiv G., Păunescu I., Paraschiv I., *Study concerning fuel consumption to obtain the germinative bed for seeding*, Lucrări științifice. Seria Agronomie, Vol. 49, pp. 293 - 298, Editura „Ion Ionescu de la Brad", Iași, 2006, ISSN 1454 – 7414, (*Rev. B+ – CNCSIS).*

Rns37 Paraschiv G., Păunescu I., *Agregat de prelucrare totală a solului care contribuie la conservarea acestuia, Aggregate for entire soil tillage which contribute to soil conservation*, Lucrări științifice. Seria Agronomie, Vol.48, 10 pag., Editura „Ion Ionescu de la Brad", Iași, 2005, ISSN 1454 – 7414, (*Rev. B+ – CNCSIS).*

Rns38 Paraschiv G., Manole C., Becheanu D., *Optimizarea procesului de lucru executat de frezele agricole*, INMATEH 2002, pp. 192 - 196, Bucureşti, ISSN 1583 - 1019, (*Rev. B+ – CNCSIS, http://www.inma.ro/inmateh/inmateh.htm*).

Rns39 Manole C., Nicolae Fl., Stănescu M., **Paraschiv G.**, Clapa L.A., *Promovarea produselor şi proceselor de producţie ecologice în ţările Uniunii Europene*, Analele Universităţii Bioterra, Editura Bioterra, vol. 6, pp. 18 – 20, 2004, ISSN 1582-0254.

Rns40 Paraschiv G., Paraschiv I., *Studiu privind consumul de combustibil la obţinerea patului germinativ, în vederea însămânţării,* Revista Construcţia de Maşini, nr. 4 (55), pp. 17 - 19, 2003, ISSN 0573 - 7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/).*

Rns41 Mușuroi G., **Paraschiv G.**, *Verificarea experimentală a uniformităţii adâncimii de lucru în cazul agregatelor de arat, echipate cu sistem hidraulic de reglare a poziţiei maşinii agricole faţă de sol*, Revista Construcţia de Maşini, nr. 4 (55), pp. 29 - 31, 2003, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns42 **Paraschiv G.**, Paraschiv I., *Studiul stabilităţii în lucru pentru agregatele de prelucrat solul,* Revista Construcţia de Maşini, nr. 9 - 10 (54), pp. 60 - 65, 2002, ISSN 0573 - 7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns43 Muşuroi G., **Paraschiv G.**, Becheanu D., *Sistem de reglare a poziţiei maşinii agricole faţă de sol,* Revista Construcţia de Maşini, nr. 1 - 2 (52), pp. 56 - 59, 2000, ISSN 0573 - 7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns44 Becheanu D., **Paraschiv G.**, Muşuroi G., *Studiul indicatorilor dinamici ai mecanismelor de acţionare a cuţitului aparatelor de tăiere a plantelor*, Revista Construcţia de Maşini, nr.1-2, pp. 15-17, 2000, ISSN 0573 - 7419, (*cotată C–CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns45 Babiciu P., **Paraschiv G.**, Manole C., *Optimizarea procesului de lucru executat de frezele agricole*, Revista Construcţia de Maşini, nr. 1 - 2 (52), pp. 9 - 12, 2000, ISSN 0573 - 7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns46 Manole C., **Paraschiv G.**, *Cercetări experimentale privind câmpul de viteze al ventilatorului combinei C-14*, Revista Construcţia de Maşini, nr. 1 - 2, pp. 4 - 5, 2000, ISSN 0573 - 7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns47 Simion Fl., Dinu I., **Paraschiv G.**, *Ecuaţii şi probleme generale de elastodinamică*, Buletinul Universităţii "Petrol-Gaze" Ploieşti, vol. LII, Seria Tehnică nr.2, 2000.

Rns48 Dinu I., Ion C., **Paraschiv G.**, *Studiu cinematic al robotului industrial tip* $R//T\perp T\perp R\perp R\perp R$, Revista Construcţia de Maşini, nr. 12 (51), pp. 33 - 35, 1999, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns49 **Paraschiv G.**, Becheanu D., Muşuroi G., *Studiu teoretic privind îmbunătăţirea reglajelor plugului cu lăţime de lucru variabilă*, Revista Construcţia de Maşini, nr.12 (51), pp. 29 - 33, 1999, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns50 Muşuroi G., **Paraschiv G.**, Becheanu D., *Sistem de reglare a agregatului de arat*, Revista Construcţia de Maşini, nr. 12, pp. 26 - 29, 1999, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns51 Manole C., **Paraschiv G.**, *Model matematic al traiectoriei unei particule aruncate cu viteză iniţială într-un curent de aer înclinat, cu aplicaţie la separarea fracţiilor uşoare din masa de vraf la combinele de cereale*, Revista Construcţia de Maşini, nr. 12 (51), pp. 18 - 21, 1999, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns52 Becheanu D., **Paraschiv G.,** Muşuroi G., *Studiul procesului de tăiere a masei fibroase vegetale, aplicat în cazul tulpinilor de porumb*, Revista Construcţia de Maşini, nr. 12, pp. 15 - 18, 1999, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns53 Muşuroi G., **Paraschiv G.**, *Tendinţe în construcţia sistemelor hidraulice de acţionare a mecansimelor de suspendare de la tractoarele agricole*, Revista Construcţia de Maşini, nr.4, pp. 17 - 20, 1998, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns54 Becheanu D., **Paraschiv G.**, *Aspecte teoretice privind procesul de tăiere al plantelor*, Revista Construcţia de Maşini, nr. 4, pp. 48 - 51, 1998, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

Rns55 Babiciu P., Moise V., **Paraschiv G.**, *Modelarea cinetostatică a mecanismului sistemului de curăţire de la combina C110 de recoltat cereale*, Revista Construcţia de Maşini, nr. 4, pp. 51-55, 1998, ISSN 0573-7419, (*cotată C – CNCSIS*, *indexat* BDI *http://www.periodicals.ru/)*.

d) în alte reviste de specialitate de circulaţie naţională (Rno)

Rno1. Manole C., Becheanu D., **Paraschiv G.**, *Unele aspecte privind poluarea apelor*, Revista de Ecologie Industrială, vol. I, pp. 2- 7, 2001 (ISSN 1224-3183).

Rno2. Manole C., **Paraschiv G.,** Becheanu D., *Consecinţele ecologice ale poluării oceanelor cu petrol*, Revista de Ecologie Industrială, nr. 7 - 9, 2000 (ISSN 1224-3183).

Rno3. Paraschiv G., Manole C., Becheanu D., *Impactul administrării îngrăşămintelor chimice asupra poluării*, Revista de Ecologie Industrială, nr. 5 - 6, pp. 17 - 20, 2000 (ISSN 1224-3183).

Rno4. Manole C., **Paraschiv G.**, Becheanu D., *Energie solară – alternativa energiei viitorului în ţările cu un grad de însoliere ridicat*, Revista de Ecologie Industrială, nr. 5 - 6, pp. 7 - 10, 2000 (ISSN 1224-3183).

Rno5. Becheanu D., **Paraschiv G.**, Manole C., *Apa – element vital pentru umanitate*, Revista de Ecologie Industrială, nr. 5 - 6, pp. 10 - 14, 2000 (ISSN 1224-3183).

Rno6. Voicu Gh., **Paraschiv G.**, *Instalaţiile de muls (IV). Sistemul de colectare şi transport al laptelui*, Revista Mecanizarea Agriculturii, nr. 2 - 3, pp. 27 - 29, 1998, (ISSN 1011-7296).

Rno7. Voicu Gh., **Paraschiv G.**, *Instalaţii de muls (III). Aspecte privind construcţia şi exploatarea sistemului de producere, reglare şi transport vacuum*, Revista Mecanizarea Agriculturii, nr. 1, pp. 18 - 21, 1998, (ISSN 1011-7296).

Rno8. Voicu Gh., **Paraschiv G.**, *Instalaţiile de muls – prezent şi viitor. Aparatul de muls (II)*, Revista Mecanizarea Agriculturii, nr. 11 - 12, pp.19-27, 1997, (ISSN 1011-7296).

Rno9. Muşuroi G., **Paraschiv G.**, *Sistemul de aprindere la motoarele cu aprindere prin scânteie*, Revista Mecanizarea Agriculturii, nr. 11, 1996, (ISSN 1011-7296).

Rno10. Paraschiv G., Becheanu D., *Determinarea poziţiei optime de cuplare a plugurilor semipurtate cu lăţime de lucru variabilă la tractor*, Revista Mecanizarea Agriculturii, nr. 8, pp. 12 – 14, 1996, (ISSN 1011-7296).

Rno11. Paraschiv G., Becheanu D., *Variatoare de turaţie cu curele, cu fiabilitate ridicată pentru autocombinele de recoltat cereale păioase*, Revista Mecanizarea Agriculturii, nr. 10, pp. 30 - 33, 1996, (ISSN 1011-7296).

Rno12. Biriş S.Șt, **Paraschiv G.,** Maican E., Ungureanu N., Manea M., Vlăduţ V., *Prezent şi perspective în domeniul utilizării energiilor alternative*, Mecanizarea Agriculturii, nr. 7 - 8, pp. 2-6, 2009, ISSN 1011-7296, Bucureşti, România.

e) în volumele unor manifestări ştiinţifice internaţionale recunoscute, organizate în ţară şi în străinătate, indexate ISI sau în alte Baze de Date Internaţionale – BDI, specifice domeniului, care fac un proces de selecţie a publicaţiilor pe baza unor criterii de performanta (Vis)

Vis1 Dincă M.N., Ferdeș M., **Paraschiv G.**, Zăbavă B.Ș., Moiceanu G. (2025). Enzymatic pretreatment of agricultural waste to enhance digestibility for biogas production. Proceedings of the 50 th International Symposium Actual Tasks on Agricultural Engineering, Opatija, Croatia, 11-13 Martie 2025, pp. 387-397, ISSN 1848-4425

Vis2 Dincă M.N., Ferdeș M., Istrate I.A., Constantin G.A., **Paraschiv G.,** Ionescu M., Zăbavă B.Ș., Mușuroi G., Moiceanu G., Rusănescu C.O. (2025). Bioremediation of soils contaminated with hydrocarbons using microbial consortia. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp.140-147, 09-11 Octombrie 2025, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis3 Rusănescu C.O, **Paraschiv G**., Istrate I.A., Constantin G.A., Biris S.S., Voicu G., Rusanescu A.M., Gheorghe M., Maxim A.S. (2025). Aspects regarding the remediation of soils polluted with polycyclic aromatic hydrocarbons through ozonation. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp. 132-139, 09-11 Octombrie 2025, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis4 Zăbavă B.Ș., Voicu G., Dincă M.N., **Paraschiv G.,** Ionescu M., Moiceanu G., Ferdeș M. (2025). GIS technology and its applications in environmental engineering. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp. 346-351, 09-11 Octombrie 2025, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis5 Dinca M.N., Ferdes M., **Paraschiv G**., Zabava B.S. (2024). Enzymatic pretreatment of lignocellulosic biomass for biogas production – review. Engineering for Rural Development, Jelgava 22-24.05.2025, pp. 908 – 913. DOI: 10.22616/ERDev.2024.23.TF181. Indexed: Elsevier SCOPUS, Clarivate Analytics, AGRIS, CAB Abstracts, CABI full text, EBSCO Academic Search Ultimate, EBSCO Academic Search Complete, EBSCO Central & Eastern European Academic Source, Agricola, Primo (ProQuest-ExLibris).

Vis6 Rusanescu C.O., Istrate I.A., Constantin G.A., **Paraschiv G.,** Voicu G., Biris S.S., Rusanescu A.M., Marin E., Balanescu S.M., Purdea L., Sorica C. (2024). Remedy of polluted soils with polycyclic aromatic hydrocarbons using nanomaterials. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp. 94-101, 31.10-01.11.2024, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis7 Rosu O.B., Voicu G., Coman G., Constantin G.A., **Paraschiv G.,** Tudor P., Marin E. (2024). Metallographic structure and hardness of steel for sowing machines disc coulters - review and research. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp. 290-297, 31.10-01.11.2024, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis8 Ferdes M., Dinca M.N., Istrate I.A., Musuroi G., **Paraschiv G.,** Vlădut E.V. (2024). Microbial communities involved in the bioremediation of hydrocarbon polluted soil. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp. 314-319, 31.10-01.11.2024, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis9 Zăbavă B.Ș., Voicu G., Dincă M.N., Ionescu M., Ferdeș M., **Paraschiv G.,** Moiceanu G., Cujbescu D. (2024). Wastewater treatment in the food industry. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp. 326-331, 31.10-01.11.2024, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis10 Dinca M.N., Constantin G.A., Ferdeș M., Istrate I.A., **Paraschiv G.,** Ionescu M., Musuroi G., Vanghele N. (2024). Valorization of agricultural waste in the context of circular economy. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp. 332-341, 31.10-01.11.2024, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis11 Ionescu M., **Paraschiv G.,** Ferdeș M., Zăbavă B.Ș., Dinca M.N., Ungureanu N., Nenciu F. (2024). Valorization of wastes from grape processing. International Symposium ISB-INMA-TEH, Agricultural and Mechanical Engineering, pp. 1088-1095, 31.10-01.11.2024, București, ISSN 2537 – 3773. Indexed in COPERNICUS, CABI, EBSCO

Vis12 Cernat Popa M.M, Rusănescu C.O, **Paraschiv G**., Tudor P., Istrate I.A., Gheorghe M., Brăcăcescu C. Analysis of the natural framework in the municipality of Rosiori de Vede - Teleorman/ Analiza cadrului natural din municipiul Roșiori de Vede - Teleorman, pp. 152-157, Agricultural and Mechanical Engineering, ISB-INMA TEH 2023, 5-6 oct. 2023, ISSN-L 2344 – 4118, https://isbinmateh.inma.ro/wp-content/uploads/2023/12/Volum-2023-18-dec.pdf, Indexed in COPERNICUS, CABI, EBSCO

Vis13 Marin E., Marin D.M., Rusanescu C.O., **Paraschiv G.,** Istrate I.A., Vanghele N.A., Dynamic analysis of the performance of the wastewater treatment station in the municipality of Alexandria/ Analiza Dinamicii Performanţelor Staţiei de epurare a apelor uzate din Municipiul Alexandria, pp. 164-171, Agricultural and Mechanical Engineering, ISB-INMA TEH 2023, 5-6 oct. 2023, ISSN-L 2344 – 4118, https://isbinmateh.inma.ro/wp-content/uploads/2023/12/Volum-2023-18-dec.pdf, Indexed in COPERNICUS, CABI, EBSCO

Vis14 Mondescu (Ciobanu) M., Dinculoiu R.L., Rusănescu C.O., **Paraschiv G.,** Tudor P., Istrate I.A., Gheorghe M., Cujbescu D.,Vegetable waste management in Dolj county/ Managementul deșeurilor vegetale din Județul Dolj, pp. 158 -163, Agricultural and Mechanical Engineering, ISB-INMA TEH 2023, 5-6 oct. 2023, ISSN-L 2344 – 4118, https://isbinmateh.inma.ro/wp-content/uploads/2023/12/Volum-2023-18-dec.pdf, Indexed in COPERNICUS, CABI, EBSCO

Vis15 Rusănescu C.O., Istrate I.A., Constantin G.A., **Paraschiv G**., Voicu Gh., Biriș S.Șt., Rusănescu A.M., Moiceanu G., Bratu A.C., Găgeanu I. *Remedy of soils contaminated with petroleum hydrocarbons using biodegradable absorbent/ Remedierea solurilor poluate cu hidrocarburi petroliere utilizand absorbant biodegradabil*, pp. 180-185, Agricultural and Mechanical Engineering, ISB-INMA TEH 2023, 5-6 oct. 2023, ISSN-L 2344 – 4118, https://isbinmateh.inma.ro/wp-content/uploads/2023/12/Volum-2023-18-dec.pdf, Indexed in COPERNICUS, CABI, EBSCO

Vis16 Dincă M., Istrate I., **Paraschiv G**., Ferdeș M., Ionescu M., Zăbavă B.St., Stroescu Gh., Utilization of digestate resulted from biogas plants as fertilizer in agriculture/ Utilizarea digestatului rezultat de la stațiile de biogaz ca fertilizant în agricultură, pp. 374 – 381, Agricultural and Mechanical Engineering, ISB-INMA TEH 2023, 5-6 oct. 2023, ISSN-L 2344 – 4118, https://isbinmateh.inma.ro/wp-content/uploads/2023/12/Volum-2023-18-dec.pdf, Indexed in COPERNICUS, CABI, EBSCO

Vis17 Dincă M., Constantin G.A., Ferdeș M., **Paraschiv G.,** Ionescu M., Moiceanu G., Ungureanu N., Sorică E., *Organic waste composting, a practice for sustainable agriculture/ Compostarea deșeurilor organice, o practică pentru agricultura durabilă*, pp. 382 – 389, Agricultural and Mechanical Engineering, ISB-INMA TEH 2023, 5-6 oct. 2023, ISSN-L 2344 – 4118, https://isbinmateh.inma.ro/wp-content/uploads/2023/12/Volum-2023-18-dec.pdf, Indexed in COPERNICUS, CABI, EBSCO

Vis18 Ionescu M., **Paraschiv G.,** Ferdeș M., Dincă M., Zăbavă B.St., Moiceanu G., Ungureanu N., Matache A. Integral valorization of oleaginous crops - a review/ Valorificarea integrala a culturilor oleaginoase – review, pp. 396 – 403, Agricultural and Mechanical Engineering, ISB-INMA TEH 2023, 5-6 oct. 2023, ISSN-L 2344 – 4118, https://isbinmateh.inma.ro/wp-content/uploads/2023/12/Volum-2023-18-dec.pdf, Indexed in COPERNICUS, CABI, EBSCO

Vis19 Marin E., Marin D.M., Safta V.V., Rusănescu C.O., **Paraschiv G.,** *Wastewater management from the municipality of Alexandria, Teleorman County/ Gestionarea apelor uzate din Municipiul Alexandria, județul Teleorman.* International Symposium ISB-INMA TEH, Agricultural and Mechanical Engineering, pp. 288 – 293, 6-8 October 2022, Bucharest. Online: ISSN 2537 – 3773, ISSN-L 2344 – 4118 (indexed in *CABI*).

Vis20 Ciobanu M., Rusănescu C.O., **Paraschiv G.,** Voicu Gh., Biris S.S., Dinculoiu R.L., Tăbărașu A.M. *Management of industrial and household waste from the municipality of Craiova/ Gestionarea deșeurilor industriale și menajere din municipiul Craiova.* Agricultural and Mechanical Engineering, pp. 294 – 299, 6-8 October 2022, Bucharest. Online: ISSN 2537 – 3773, ISSN-L 2344 – 4118 (indexed in *CABI*).

Vis21 Stoian O., Covaliu C.I., **Paraschiv G**., Nita-Lazar M., Moga C.I., *Photodegradable organic pollutants from wastewater*, 10th International Conference on Thermal Equipments, Renewable Energy and Rural Development (TE-RE-RD 2021), E3S Web Conf. Volume 286, art. no. 03017, Section: Rural Development, **2021**, **https://doi.org/10.1051/e3sconf/202128603017, Indexed in:** Chemical Abstracts Service (CAS), Agricultural & Environmental Science Database (ProQuest), DOAJ, EBSCO (EBSCO Discovery Service), Google Scholar, ET INSPEC Materials Science & Engineering Database (ProQuest)

Vis22 Chitoiu M., Moiceanu G., **Paraschiv G.,** *Negative Effects of Noise Pollution in Agriculture – A Review*, 36th IBIMA Conference: 4-5 November 2020, Granada, Spain.

Vis23 Stoian O., Covaliu C.I., **Paraschiv G.,** *Efficient application of halloysite nanotubes in order to remove lead ions from industrial wasterwater*, International Sympozium ISB-INMATEH Agricultural and Mechanical Engineering, Bucharest 30th October 2020, Online: ISSN 2537 - 3773, ISSN-L 2344 – 4118, pp 190-194.

Vis24 Stoian O., Covaliu C.I., **Paraschiv G.**, Nita-Lazar M., Moga I., Paun I., Marin B., Banciu A., Gyorgy D., Matei E., *The photocatalysis process for removal organic pollutants from wastewater*, International Sympozium ISB-INMATEH Agricultural and Mechanical Engineering, Bucharest 30th October 2020, Online: ISSN 2537 - 3773, ISSN-L 2344 – 4118, pp 269-272.

Vis25 Covaliu C.I., Oana Stoian, **Paraschiv G.,** Moga I.C., Niţa-Lazăr M., Catrina G.A.(Traistaru), Marin B.*, Demonstrating the maximum efficiency of removing lead ions from industrial wastewater using magnetite oxide nanomaterial*, Book of Abstracts - 3rd International Conference on Emerging Technologies in Materials Engineering No.3/2020 Page: 43.

Vis26 Stoian O., Covaliu C.I., Niţa-Lazăr M., Corina Moga I., **Paraschiv G.**, Petrescu G., Matei E., Deák G., Paun I., *Materials used in the process of degradation of organic pollutants by photocatalysis*, Book of Abstracts - 3rd International Conference on Emerging Technologies in Materials Engineering No.3/2020 Page: 80.

Vis27 Georgiana Moiceanu, **Gigel Paraschiv**, Edmond Maican, Mirela Dincă, Iulia Găgeanu, Vlad Nicolae Arsenoaia, *Aspects regarding FEM simulation of stress in hammer mill working tool*, E3S Web Conf. Volume 112, 2019, 8th International Conference on Thermal Equipment, Renewable Energy and Rural Development (TE-RE-RD 2019), https://doi.org/10.1051/e3sconf/201911203018 (indexed ISI Web of Knowlwdge)

Vis28 Covaliu, C., **Paraschiv, G**., Stoian, O., Buzatu, B., Mircea, C., Cristea, C. *Halloysite nanotube applications for heavy metals removal from wastewater*, E3S Web Conf. Volume 112,

2019, 8th International Conference on Thermal Equipment, Renewable Energy and Rural Development (TE-RE-RD 2019), ISSN: 2555-0403, DOI: 10.1051/e3sconf/201911204010, (indexed ISI Web of Knowlwdge)

Vis29 Covaliu C., **Paraschiv G.,** Stoian O., Visan A., *Nanomaterials applied for heavy metals removal from wastewater*, 2019 International Conference on Innovative Research, ICIR EUROINVENT 2019, Volume 572, Issue 1, 2 August 2019, Article number 012074, ISSN: 1757-8981, DOI: 10.1088/1757-899X/572/1/012074, (indexed ISI Web of Knowlwdge).

Vis30 Georgiana Moiceanu, Gheorghe Voicu, **Gigel Paraschiv**, George Ipate, *Aspects regarding Miscanthus cutting process FEM simulation and some experimental data*, Engineering for Rural Development, Jelgava, 22.-24.05.2019, pp. 1490-1496. ISSN: 1691-3043, DOI: 10.22616/ERDev2019.18.N392, **WOS:000482103500217**, (indexed ISI Web of Knowlwdge)

Vis31 Mariana Ferdeș, Mirela Dincă, Nicoleta Ungureanu, Bianca Zăbavă, **Gigel Paraschiv**, Laura Toma, Carmen Tociu, *Effect of ozone on Salmonella enteritidis and Escherichia coli in contaminated water,* Proceedings of the 47 th International Symposium on Agricultural Engineering, pp. 183-190, Opatija, Croatia, 2019, **WOS:000472729500018**, ISSN 1848-4425, (indexed into Clarivate Analytics (former Thomson Reuters) Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis32 Georgiana Moiceanu, Gheorghe Voicu, **Gigel Paraschiv**, Valentin Vladut, Petru Cardei, Mirela Dinca, *Relationships analysis between the grinding parameters of miscanthus giganteus stalks using a hammer mill*, Proceedings of the 47 th International Symposium on Agricultural Engineering, pp. 399-407, Opatija, Croatia, 2019, **WOS:000472729500041**, ISSN 1848-4425, (indexed into Clarivate Analytics (former Thomson Reuters) Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis33 Moiceanu G., Ignat N.D. **Paraschiv G.,** *Romania Householders' Attitudes Towards Renewable Energy Costs, Mainly Biomass,* Proceeding 33nd International Business Information Management Conference (33nd IBIMA) Education Excellence and Innovation Management throught Vision 2020: from Regional Development Sustainability to Global Economic Growth, pp. 4648-4653, 10-11 April 2019, Granada, Spain, (ISBN: 978-0-9998551-2-6), WOS:000503988806077 (ISI Proceedings - Elsevier SCOPUS,Clarivate Analytics, Web of Science, CORE – Computing Research and Education, NSD – Norwegian register for Scientific Journarl, Series and Publishers)

Vis34 Ignat N.D., Moiceanu G., **Paraschiv G.,** *Renewable Energy Production Evolution And Analysis In EU Countries In South-Eastern Europe,* Proceeding 33nd International Business Information Management Conference (33nd IBIMA) Education Excellence and Innovation Management throught Vision 2020: from Regional Development Sustainability to Global Economic Growth, pp. 6268 – 6278, 10-11 April 2019, Granada, Spain, (ISBN: 978-0-9998551-2-6) WOS:000510675601071 (ISI Proceedings - Elsevier SCOPUS,Clarivate Analytics, Web of Science, CORE – Computing Research and Education, NSD – Norwegian register for Scientific Journarl, Series and Publishers)

Vis35 Moiceanu G., **Paraschiv G.,** Barbu A., *Costs of biomass pre-processing, mainly Miscanthus - literature review.* International Conference of Management and Industrial Engineering. 9th International Conference of Management and Industrial engineering (ICMIE

2019), pp. 585-593, 14-16 nov. 2019, Bucharest, Romania, ISSN 2344-0937, **WOS:000519338200060.**

Vis36 Moiceanu G., **Paraschiv G.,** Chitoiu M., Negoita O. *Estimated cost of miscanthus crop establishment.* International Conference of Management and Industrial Engineering. 9th International Conference of Management and Industrial engineering (ICMIE 2019), pp. 594-600, 14-16 nov. 2019, Bucharest, Romania, ISSN 2344-0937, **WOS:000519338200061.**

Vis37 Covaliu I.C., Moga I.C., Matache M.G., **Paraschiv G**., Gageanu I., Vasile E., *Synthesis and Technological Innovation of Applying Oxide Nanomaterials in Wastewater Treatment by Flotation*, IOP Conference Series: Materials Science and Engineering, Vol. 374, Issue 1, 12 June 2018, Article number 0120622018, EUROINVENT International Conference on Innovative Research, EUROINVENT ICIR 2018; Palace of Culture Iasi; Romania; 17 - 18 May 2018; Code 137254, **DOI** 10.1088/1757-899X/374/1/012062, **ISSN** 1757-8981 WOS:000446775900062 (indexed Thomson Reuters).

Vis38 Moiceanu G., Chitoiu M., Voicu Gh., **Paraschiv G**., Vladut V., Gageanu I., Dinca M., *Comparison between Miscanthus and willow energy consumption during grinding,* Proceedings of the 46 th International Symposium on Agricultural Engineering, pp. 369-378, Opatija, Croatia, 2018, ISSN 1848-4425, WOS:000506355900037 (indexed into Clarivate Analytics (former Thomson Reuters) Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis39 Dinca M., Ferdes M., Zabava B., **Paraschiv G**., Ungureanu N., Vladut V., Moiceanu G., *Lignocellulosic biomass pretreatment by hydrolytic fungal strains,* Proceedings of the 46 th International Symposium on Agricultural Engineering, pp. 349-358, Opatija, Croatia, 2018, ISSN 1848-4425, WOS:000506355900035 (indexed into Clarivate Analytics (former Thomson Reuters) Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis40 Ferdes M., Dinca M., Zabava B., **Paraschiv G**., Munteanu M., Ionescu M., *Laccase enzyme production and biomass growth in liquid cultures of wood – degrading fungal strains,* Proceedings of the 46 th International Symposium on Agricultural Engineering, pp. 341-348, ISSN 1848-4425, Opatija, Croatia, 2018, WOS:000506355900034 (indexed into Clarivate Analytics (former Thomson Reuters) Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis41 Ungureanu N., Vladut V., Biris S.-St., **Paraschiv G**., Dinca M., Zabava B.St., Stefan V., Gheorghita N.E., *FEM modelling of machinery induced compaction for the sustainable use of agricultural sandy soils,* Proceedings of the 46 th International Symposium on Agricultural Engineering, pp. 201-211, Opatija, Croatia, 2018, ISSN 1848-4425, WOS:000506355900019 (indexed into Clarivate Analytics (former Thomson Reuters) Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis42 Rusanescu C.O., Rusanescu M., Begea M., **Paraschiv G**., Biris S.-St., Voicu Gh., Popescu I.N., *Assessing the risk of aridity – A case study Bucharest Romania,* Proceedings of the 46 th International Symposium on Agricultural Engineering, vol. 46, pp. 45-56, Opatija, Croatia, 27 Feb – 01 Mar. 2018, ISSN 1848-4425, WOS:000506355900004 (indexed into Clarivate Analytics (former Thomson Reuters) Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis43 Ferdes M., Zabava B.St., Dinca M.N., **Paraschiv G.**, *Effect of ozone treatment on three bacterial strains of drinking water,* Proceedings of 17th International Scientific Conference Engineering for Rural Development, 2018, pp. 677-680, Jelgava, 23-25.05.2018, DOI: 10.22616/ERDev2018.17.N382, ISSN 1691-5976, (ISI Proceedings - Elsevier SCOPUS, Clarivate Analytics, Web of Science, AGRIS, CAB Abstracts, CABI full text, EBSCO Academic Search Complete, EBSCO Central & Eastern European Academic Source, Agricola).

Vis44 Moiceanu G., Dinca M.N., **Paraschiv G.**, Voicu Gh., *Aspects regarding grinded Salix Viminalis distribution and energy consumption using hammer mill*, Proceedings of 17th International Scientific Conference Engineering for Rural Development, 2018, pp. 708-713, Jelgava, 23-25.05.2018, DOI: 10.22616/ERDev2018.17.N395, ISSN 1691-5976, (ISI Proceedings - Elsevier SCOPUS, Clarivate Analytics, Web of Science, AGRIS, CAB Abstracts, CABI full text, EBSCO Academic Search Complete, EBSCO Central & Eastern European Academic Source, Agricola).

Vis45 Moiceanu G., **Paraschiv G.,** *Romanian young women tendency towards entreprenourship:an empirical investigation,* Proceeding 32nd International Business Information Management Conference (32nd IBIMA) Education Excellence and Innovation Management throught Vision 2020: from Regional Development Sustainability to Global Economic Growth, pp. 3715-3720, Seville, Spain 15 -16 November 2018, (ISBN: 978-0-9998551-1-9) WOS:000525490800083 (ISI Proceedings - Elsevier SCOPUS,Clarivate Analytics, Web of Science, CORE – Computing Research and Education, NSD – Norwegian register for Scientific Journarl, Series and Publishers)

Vis46 Covaliu I.C., Bruneau A., Kermade S., **Paraschiv G.,** Biris S.-St., Moga C.I., Petrescu G., Matache M.G., Ilie F., *Wastewater treatment by flotation using magnetic nanomaterials*, Proceedings of 7th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2018, pp. 211 – 214, 31 May – 02 June 2018, Drobeta Turnu Severin, Romania, ISSN 2359-7941, ISSN-L 2359-7941 (indexed (BDI) in EBSCO Publishing Databases and INDEX COPERNICUS INTERNATIONAL)

Vis47 Dinca M., Ferdes M., **Paraschiv G.**, Zabava B.St., Ungureanu N., Constantin L., *Ozone and nitrogen oxides production in sterilized tap water by an ozone generator type Ozonfix 8G,* Proceedings of 7th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2018, pp. 239 – 244, 31 May – 02 June 2018, Drobeta Turnu Severin, Romania, ISSN 2359-7941, ISSN-L 2359-7941 (indexed (BDI) in EBSCO Publishing Databases and INDEX COPERNICUS INTERNATIONAL)

Vis48 Ferdes M., Dinca M., Zabava B., **Paraschiv G.**, *The growth behaviour of E. Coli K12-MG1655 and the consumption of the substrate in different sugar concentrations culture media,* Proceedings of 7th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2018, pp. 263 – 268, 31 May – 02 June 2018, Drobeta Turnu Severin, Romania, ISSN 2359-7941, ISSN-L 2359-7941 (indexed (BDI) in EBSCO Publishing Databases and INDEX COPERNICUS INTERNATIONAL)

Vis49 Moiceanu G., **Paraschiv G.**, Voicu Gh., Dinca M.N., Vladut V., Gageanu I., *Aspects regarding Miscanthus grinding process for peletization/briquetting*, Proceedings of 7th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2018, pp. 309 – 314, 31 May – 02 June 2018, Drobeta Turnu Severin, Romania, ISSN

2359-7941, ISSN-L 2359-7941 (indexed (BDI) in EBSCO Publishing Databases and INDEX COPERNICUS INTERNATIONAL)

Vis50 Rusanescu C.O., Biris S.-St., **Paraschiv G.**, Begea M., Voicu Gh.,Rusanescu M., Ciric A., Stoica D., Tucureanu M.C., *Evaluation of environmental impact by using control lists,* Proceedings of 7th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2018, pp. 349 – 352, 31 May – 02 June 2018, Drobeta Turnu Severin, Romania, ISSN 2359-7941, ISSN-L 2359-7941 (indexed (BDI) in EBSCO Publishing Databases and INDEX COPERNICUS INTERNATIONAL)

Vis51 Zabava B.St., Voicu Gh., **Paraschiv G.**, Dinca M., Ungureanu N., Ionescu M., *Wastewater disinfection by chlorination, ozonation and ultraviolet (UV) – A review,* Proceedings of 7th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2018, pp. 437 – 440, 31 May – 02 June 2018, Drobeta Turnu Severin, Romania, ISSN 2359-7941, ISSN-L 2359-7941 (indexed (BDI) in EBSCO Publishing Databases and INDEX COPERNICUS INTERNATIONAL)

Vis52 Chitoiu M., Voicu Gh., Moiceanu G., **Paraschiv G.**, Dinca M., Vladut V., Tudor P., *Energy consumption analysis on energetic plant biomass grinding using hammer mills*, UPB. Sci. Bulletin, Series D, Vol. 80, Iss. 4, 2018, pp. 117 – 128, ISSN 1454-2358 (Ulrich`s International Periodicals Directory, Scopus, Inspec, Metadex, Elsevier sciencess bibliographic databases, Engineering village, Cambridge scientific abstracts, Compendex).

Vis53 Moiceanu G., **Paraschiv G.,** Dinca M.N., Negoita O.D., Deselnicu D. C., *Opportunnities and challenges for Romanian Industry regarding International Industry 4.0 Adoption and Implementation,* International Conference in E-Education, E-Business, E-Management and E-Learning (IC4E), /crete, Greece 8 -9 June 2018, pp 1 – 4, ISBN 978-93-86083-34-0 (Google Scholar, BASE, DOAJ)

Vis54 Matache A., Stroescu Gh., Vochin M., Gageanu I., Biriş S., **Paraschiv G.,** E*xperimental measurement of the traction force and frame strain of the mpm 4 miscanthus planting machine*, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering, pp 521-526, 1-3 nov. 2018, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (BDI – CABI)

Vis55 Pîrvu F., Butnariu C.I., Catrina G. A., **Paraschiv G.**, PHARMACEUTICAL PRODUCTS REMOVAL FROM WASTEWATER, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering,), pp 528-531, 1-3 nov. 2018, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (BDI – CABI),

Vis56 Diaconu L., Butnariu I.C., Catrina A.G., **Paraschiv G.**, *Water depollution using typhia angustifolia*, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering,), pp. 739 - 742, 1-3 nov. 2018, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (BDI – CABI),

Vis57 Butnariu C. I., Stoian O.*, Voicu Șt., Iovu H., **Paraschiv G.**, N*anomaterials used in treatment of wastewater: a review*, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering,), pp. 736 – 741, 1-3 nov. 2018, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (BDI – CABI)

Vis58 Vișan A., Butnariu C. I., Voicu Șt., Iovu H., Deák Gy., **Paraschiv G.**, *Wastewater treatment using nanotechnology*, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering,), pp 742 – 745, 1-3 nov. 2018, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (BDI – CABI)

Vis59 Turcan M., Butnariu C. I., Voicu Șt., Iovu H., Deák Gy., **Paraschiv G.**, *Wastewater treatment using tio2 photocatalyst*, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering,), pp 761-763, 1-3 nov. 2018, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (BDI – CABI)

Vis60 Moiceanu G., Voicu Gh., **Paraschiv G.**, Dinca M., Găgeanu I., Vladut V., *The influence of mc22 hammer mill frequency on salix viminalis chipping*, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering,), pp. 818-823, 1-3 nov. 2018, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (BDI – CABI)

Vis61 Butnariu C. I., Mircea A., Voicu Șt., Iovu H., **Paraschiv G.**, *Wastewater treatment by flotation with nanomaterials*, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering,), pp. 833 - 836, 1-3 nov. 2018, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (BDI – CABI)

Vis62 Vlăduț V., Gheorghe G., Marin E., Biriș S.Șt., **Paraschiv G.,** Cujbescu D., Ungureanu N., Găgeanu I., Moise V., Boruz S., *Kinetostatic analysis of the mechanism of deep loosening system of arable soil,* Proceedings of the 45th Symposium "Actual Tasks on Agricultural Engineering", Opatija, Croatia, pp. 217 -227, 21-24 Feb. 2017, ISSN 1848-4425, **WOS:000432420200022**, http://atae.agr.hr, (ISI Proceedings, ISI - Index to Scientific and Technical Proceedings, CAB International – Agricultural Engineering Abstracts, Cambridge Scientific Abstracts – InterDok).

Vis63 Dobrotă D., **Paraschiv G.,** *Regarding the influence of the particle size of crumb rubber from waste rubber on the physical and mechanical characteristics of reclaimed rubber*, 8th International Conference on Manufacturing Science and Education – MSE 2017 "Trends in New Industrial Revolution", MATEC Web of Conferences Vol. **121**, Art. No. 01004, 7-9 Jun. 2017, 7 pg., Sibiu, Romania, ISSN 2261-236X, **WOS:000435283800004** https://doi.org/10.1051/matecconf/201712101004 (Indexed in Chemical Abstracts Service (CAS), Compendex (Engineering Village, Conference Proceedings Citation Index (Web of Science), DOAJ, EBSCO ((EBSCO Discovery Service), Google Scholar, Inspec, Polymer Library, Scopus), Materials Science & Engineering Database (ProQuest), SciTech Premium Collection (ProQuest), Technology Collection (ProQuest)).Technology Collection (ProQuest)).

Vis64 Chițoiu M., Voicu Gh., **Paraschiv G.,** Moiceanu G., Vlăduț V., Matache M., Grigore I., Bunduchi G., Voicea I., Găgeanu I., *Comparison of energy consumption of a hammer mill during chopping miscanthus stalks and energetic willow,* Proceedings of the 45th Symposium "Actual

Tasks on Agricultural Engineering", Opatija, Croatia, pp. 259-267, 2017, ISSN 1848-4425, **WOS:000432420200026** http://atae.agr.hr, (ISI Proceedings, ISI - Index to Scientific and Technical Proceedings, CAB International – Agricultural Engineering Abstracts, Cambridge Scientific Abstracts – InterDok).

Vis65 Ferdes M., Dincă M., Toma L., **Paraschiv G.**, *Discoloration of synthetic textile dyes by laccase-producing fungal biomass,* Proceedings of the 45th Symposium "Actual Tasks on Agricultural Engineering", Opatija, Croatia, pp. 503 – 511, 2017, ISSN 1848-4425, **WOS:000432420200053**, http://atae.agr.hr, (ISI Proceedings, ISI - Index to Scientific and Technical Proceedings, CAB International – Agricultural Engineering Abstracts, Cambridge Scientific Abstracts – InterDok).

Vis66 Rusănescu C.O, Begea M., **Paraschiv G.**, Biriş S.Şt., Voicu Gh., Rusănescu M., *Study of polluted soil biology/Studiul bioremedierii solurilor poluate,* pp.191-196, 2017, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118, **Indexed in CAB DIRECT,** http://www.cabdirect.org/.

Vis67 Moiceanu G., Voicu Gh., Chiţoiu M, **Paraschiv G.**, Dincă M., Vlăduţ V, *Modifying equilibration conditions according to rotor rotation angle on MC 22 hammer mill/ Modificarea condițiilor de echilibrare în funcție de unghiul de rotație al rotorului morii*, pp.829-834, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118.

Vis68 Mircea C., Sorică E, Sorică C., Cujbescu D., Persu C., Anghelet A., **Paraschiv G.**, *Establishment of mustard crop to improve soil quality/ Considerații privind utilizarea culturii de muștar pentru îmbunătățirea proprietăților solului*, pp. 185-190, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118.

Vis69 Bunduchi G., Găgeanu P., Brăcăcescu C., Zaica Al., Epure M., **Paraschiv G.**, *Separation of cereal seeds and technical plants according to length in order to improve seeds quality/ Separarea semințelor de cereale și plante tehnice după lungime în scopul îmbunătățirii calității semințelor*, pp. 281-284, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118.

Vis70 Epure M., Alexandru I., Bunduchi G., **Paraschiv G.**, *Impact of human activities on natural components within the protected areas/ Impactul activitatilor umane asupra componentelor naturale din perimetrul ariilor protejate*, pp. 321-326, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118.

Vis71 Caba I., Laza E-A., Bungescu S.T,Vlăduţ N.V, **Paraschiv G.**, Bălan V., *Designin, experimenting and executing of recirculation aquaculture system for fish breeding/ Proiectarea, experimentarea și executarea unui sistem acvacol recirculant de creștere a peștilor*, pp. 331-336, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118.

Vis72 Dincă M., Ferdeş M., **Paraschiv G.**, Ungureanu N., Zăbavă B., Ionescu M., Moiceanu G., *Recovery of organic waste through composting process/ Valorificarea prin compostare a reziduurilor organice,* pp.381 – 386, 2017, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118, **Indexed in CAB DIRECT,** http://www.cabdirect.org/.

Vis73 Zăbavă B.Șt., Voicu Gh., Ungureanu N., Dincă M., **Paraschiv G.**, Munteanu M., Ferdeş M., *Methods of biogas purification – a review/ Metode de purificare a biogazului – review,* pp.403-408, 2017, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118, **Indexed in CAB DIRECT,** http://www.cabdirect.org/.

Vis74 Covaliu C.I., **Paraschiv G.**, Biriş S.Şt., Găgeanu I., Moga I.C., Matache M., Toma L., *Nanoparticles application in wastewater treatment by flotation/ Aplicarea nanoparticulelor în epurarea apelor prin flotaţie,* pp.629 – 632, 2017, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118, **Indexed in CAB DIRECT,** http://www.cabdirect.org/.

Vis75 Dincă M., Ferdeș M., **Paraschiv G.**, Voicu Gh., Ungureanu N., Ionescu M., Mușuroi G., Zăbavă B.Șt. *Agricultural feedstock characterization used in biogas plants*. International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering, pag. 541-546, 27-29 oct. 2016, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (**BDI – CABI**). http://isb.pub.ro/isbinmateh/2016/Volume_Symposium_2016.pdf

Vis76 Chițoiu M., Voicu Gh., **Paraschiv G.**, Moiceanu G., Dincă M., Bunduchi G., Grigore I., Găgeanu G., Vlăduţ V., *Variation of Miscanthus and energetic willow chippings depending on two functional parameters*, International Symposium ISB-INMA TEH - Agricultural and Mechanical Engineering, pag. 785-790, 27-29 oct. 2016, Bucharest. Print: ISSN 2344-4118. CD-ROM ISSN 2344-4126. Online: ISSN 2537-3773, ISSN-L 2344-4118 (**BDI – CABI**).

Vis77 Covaliu I.C., Zăbavă B.Șt., Toma L., Ilie F., Vlăduț V., Matache M.G., Moga C.I., **Paraschiv G.**, Biriş S. Şt., *Nanotechnology applied in wastewater treatment field*, Proceedings of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2017, pp.193-196, 2017, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (**Indexed Copernicus – BDI, EBSCO Publishing Data Bases**).

Vis78 Dincă M., Ferdeș M., **Paraschiv G.**, Munteanu M., Ungureanu N., *Lignocellulosic substrates biodegradation by some strains of filamentous fungi,* Proceedings of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2017, pp. 197-202, 2017, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (**Indexed Copernicus – BDI, EBSCO Publishing Data Bases**).

Vis79 Ferdeș M., Dincă M., **Paraschiv G.,** Toma L., *Discoloration of water containing synthetic dyes by four strains of Aspergillus*, Proceedings of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2017, pp.215-220, 2017, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (**Indexed Copernicus – BDI, EBSCO Publishing Data Bases**).

Vis80 Moiceanu G., **Paraschiv G.,** Voicu Gh., Dincă M., Ferdeș M., Toma L., Ungureanu N., *Waste gazification technology using a fixed-bed gasifier – review*, Proceedings of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2017, pp.247-252, 2017, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (**Indexed Copernicus – BDI, EBSCO Publishing Data Bases**).

Vis81 Chițoiu M., Voicu Gh., Moiceanu G., **Paraschiv G.,** Dincă M., Găgeanu I., Vlăduț V., *The influence of the speed of revolution of a hammer mill on energetic willow chippings*, Proceedings

of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2017, pp.337-342, 2017, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (**Indexed Copernicus – BDI, EBSCO Publishing Data Bases**).

Vis82 Manea D., Voicu Gh., **Paraschiv G.,** Marin E., *Performances evaluation of direct seeder for grasslands*, 15th International Scientific Conference on Engineering for Rural Development, Vol. 2016 – January 2016, pp. 198-203, Jelgava, Latvia, 25 - 27 May 2016, Code 122094, Publisher: Latvia University of Agriculture, ISSN: 1691-3043, Indexed: Elsevier SCOPUS, Web of Science ™, Clarivate Analytics (former Thomson Reuters), AGRIS, CAB ABSTRACTS, CABI full text, EBSCO Academic Search Complete.

Vis83 Dincă M., Toma L., Ferdes M., Voicu Gh., **Paraschiv G**., Moiceanu G., Vlăduț V., *Optimization of biogas production by the addition of green Miscanthus x giganteus in anaerobic digester*, Proceedings of 44th Symposium "Actual Tasks on Agricultural Engineering", pp. 437-446, Opatija, Croatia, 2016 (Indexed Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis84 Chitoiu M., Voicu Gh., **Paraschiv G.,** Moiceanu G., Vladut V., Matache M., Marin E., Bunduchi G., Danciu A., Voicea I., Gageanu I., *Energy consumption of a hammer mill when chopping Miscanthus stalks,* Proceedings of 44th Symposium "Actual Tasks on Agricultural Engineering", p. 215-223, Opatija, Croatia, 2016 (Indexed Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts).

Vis85 Covaliu C., **Paraschiv G.**, Biriș S.Șt., Ilie F., Ionescu M., *Nonotechnology for wastewater treatment*, Proceedings of 5th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2016, 2-4 June 2016, Golden Sands – Bulgaria, p. 233-236, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (Indexed Copernicus International **(BDI)**).

Vis86 Dincă M., Voicu Gh., Ferdeș M., **Paraschiv G.**, Ungureanu N., Moiceanu G., Toma L., Ionescu M., Zăbavă B., Voicea I., *Mathematical modelling in anaerobic digestion process and biogas production*, Proceedings of 5th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2016, 2-4 June 2016, Golden Sands – Bulgaria, p. 243-248, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (Indexed Copernicus International **(BDI)**).

Vis87 Moiceanu G., **Paraschiv G.,** Voicu Gh., Dincă M., Ferdeș M., Ipate G., Voicu P., Voicea I., *Physical pretreatments of organic substrate for anaerobic digestion improvement*, Proceedings of 5th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2016, 2-4 June 2016, Golden Sands – Bulgaria, p. 335-340, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (Indexed Copernicus International **(BDI)**).

Vis88 Rusănescu C.O., Biriș S.Șt., **Paraschiv G.**, Voicu Gh., Begea M., Duțu M.F., *Temperature humidity indices calculated for Bucharest between the years 2009-2012*, Proceedings of 5th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2016, 2-4 June 2016, Golden Sands – Bulgaria, p. 403-406, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (Indexed Copernicus International **(BDI)**).

Vis89 Voicu Gh., Dincă M., Vladut V., Poenaru I.C., **Paraschiv G.**, Tudor P., *Aspects regarding the working process of the simple press wheels of the planters and seeders,* Proceedings of 5th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-

RE-RD 2016, 2-4 June 2016, Golden Sands – Bulgaria, p. 449-454, ISSN 2457 – 3302, ISSN-L 2457 – 3302 (Indexed Copernicus International **(BDI)**).

Vis90 Persu C., Matache M., Vladut V., Biris S., Cujbescu D., **Paraschiv G.**, Voicea I., Ivancu B., Ivan Gh., *Checking the mechanical resistance of an operator protection structures,* Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 24 - 27 February 2015, p. 123 - 130, ISSN 1848-4425; (Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts) http://atae.agr.hr.

Vis91 Vladut V., Biris S., Bungescu S., Faur N., Cernescu A., Cardei P., Matache M., Kabas O., **Paraschiv G.**, Atanasov At., Ivan Gh., *The verification of stress by FEM analysis / mechanical testing of a tractor bar*, Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 24 - 27 February 2015, pp.141 - 152, ISSN 1848-4425; (Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts) http://atae.agr.hr.

Vis92 Vladutoiu L., Vladut V., Voiculescu I., Matache M., Radu O., Biris S., Voicea I., **Paraschiv G.**, Atanasov At., Usenko M., *Increasing agricultural machinery active parts durability by hardening*, Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 24 - 27 February 2015, p. 153 - 164, ISSN 1848-4425; (Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts) http://atae.agr.hr.

Vis93 Manea D., Marin E., **Paraschiv G.**, Voicu Gh., *Testing experimental model of drill for grasslands regeneration*, Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 24 - 27 February 2015, p. 331 - 342, ISSN 1848-4425; (Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts) http://atae.agr.hr.

Vis94 Constantin G.A., Voicu Gh., Tudose V., **Paraschiv G.**, Ivancu B., *Analysis of suspending system for plansifters from milling plants*, Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 24 - 27 February 2015, p. 495 - 504, ISSN 1848-4425; (Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts) http://atae.agr.hr.

Vis95 Moiceanu G., Voicu Gh., **Paraschiv G.**, Dinca M., Ferdes M., Chitoiu M., Constantin G.A., Musuroi G., *Energy consumption to the formation of solid-liquid system based on vegetal biomass*, Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 24 - 27 February 2015, p. 645- 656, ISSN 1848-4425; (Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts) http://atae.agr.hr.

Vis96 Dinca M., Voicu Gh., **Paraschiv G.**, Ferdes M., Moiceanu G., Voicu P., Stefan M.E., *Anaerobic digestion of vegetal biomass used for biogas production*, Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 24 - 27 February 2015, p. 657- 666, ISSN 1848-4425; (Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts) http://atae.agr.hr.

Vis97 Voicea I., Vladut V., Cardei P., Matache M., Gageanu I., Voicu Gh., Popescu C., **Paraschiv G.**, Kabas O., *Compacting process and mathematical analysis of miscanthus briquettes expansion*, Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 24 - 27 February 2015, p. 667- 676, ISSN 1848-4425; (Thomson Reuters: Conference Proceedings Citation Index and ISTP, CAB International - Agricultural Engineering Abstracts) http://atae.agr.hr.

Vis98 Ungureanu N., Voicu Gh., Biriş S. Şt., **Paraschiv G**., Dincă M., Ionescu M., Vlăduţ V., Matache M., *Measuring devices, experimental stands and equipment used for the study of artificial soil compaction*, 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD, p.375-380, 4-6 June 2015, Argeş, ISSN 2359-7941 (Indexed Copernicus International **(BDI)**).

Vis99 Cujbescu D., Voicu Gh., Bolintineanu Gh., Vlăduţ V., Găgeanu I., Gheorghe G., Biriş S.Şt, **Paraschiv G.**, *Considerations on factors influencing seeding precision of seeders for weeding plants*, 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD, p. 205-210, 4-6 June 2015, Argeş, ISSN 2359-7941 (Indexed Copernicus International **(BDI)**).

Vis100 Covaliu C.I., **Paraschiv G.**, Biriş S.Şt., Cîrtoaje Cr., Filip I., Petrescu E., *Chromium removal from wastewater using carbon nanotubes,* 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD, p. 199-204, 4-6 June 2015, Argeş, ISSN 2359-7941 (Indexed Copernicus International **(BDI)**).

Vis101 Dinca M., Voicu Gh., Ferdes M., **Paraschiv G.**, Moiceanu G., Ungureanu N., Ionescu M., Voicu P., *The substrate influence on the anaerobic digestion process,* 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD, p. 221- 226, 4-6 June 2015, Argeş, ISSN 2359-7941 (Indexed Copernicus International **(BDI)**).

Vis102 Rusănescu C.O., Biriş S.Şt., **Paraschiv G.**, Voicu Gh., Dutu M.F., Begea M., *Monitoring wind direction and intensity of Bucharest in 2012,* 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD, p. 341-344, 4-6 June 2015, Argeş, ISSN 2359-7941 (Indexed Copernicus International **(BDI)**).

Vis103 Vîlcu C., Voicu Gh., **Paraschiv G.**, Lehr C., *Specialized structures for a continuous monitoring of surface water quality*, 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD, p. 387 – 392, 4-6 June 2015, Argeş, ISSN 2359-7941 (Indexed Copernicus International **(BDI)**).

Vis104 Constantin G.A., Voicu Gh., Ştefan M.E., **Paraschiv G.**, *Research regarding grists granulometric distribution at a divide-sorting passage within a milling unit of 4.2 t/h*, 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD, p. 193-198, 4-6 June 2015, Argeş, ISSN 2359-7941 (Indexed Copernicus International **(BDI)**).

Vis105 Moiceanu G., Voicu Gh., **Paraschiv G.**, Dinca M., Chitoiu M., *Preliminary researches regarding Miscanthus stalks grinding with centrifugal impact mill,* 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD, p. 303-306, 4-6 June 2015, Argeş, ISSN 2359-7941 (Indexed Copernicus International **(BDI)**).

Vis106 Dinca M., Ferdes M., Voicu Gh., **Paraschiv G.**, Moiceanu G., Mușuroi G., Ioniță S., *Biogas production from mixtures of animal manure and fresh biomass with and without glucose addition,* The 5th International Conference "Advanced Composite Materials Engineering" and The 3rd International Conference "Research & Innovation" in Engineering – COMAT 2014, Brașov, România, p. 70 -75, 2014, ISBN 978-606-19-0411-2.

Vis107 Ferdes M., Dinca M., Voicu Gh., **Paraschiv G.**, Moiceanu G., Mușuroi G., *Influence of cultivation conditions on biosynthesis of red rice – a coloring biomaterial produced by Monascus*, The 5th International Conference "Advanced Composite Materials Engineering" and The 3rd International Conference "Research & Innovation" in Engineering – COMAT 2014, Brașov, România, pp. 76 -81, 2014, ISBN 978-606-19-0411-2.

Vis108 Voicu Gh., Dinca M., **Paraschiv G.**, Moiceanu G., *A review regarding the biogas production through anaerobic digestion of organic waste*, Conference Proceedings 3rd International Conference Advances in Engineering & Management – ADEM 2014, Drobeta Turnu Severin, Romania, p. 12 – 18, 2014, ISBN 978-606-8232-49-2.

Vis109 Voicu Gh., Poenaru I.C., **Paraschiv G.**, Dinca M.N., Vladut V., *Theoretical modeling of working process of covering devices to miscanthus rhizomes planters*, Proceedings of the 42nd International Symposion on Agricultural Engineering, pp. 137 - 148, 2014, Opatija, Croatia, 25-28 Februarie 2014 (indexată ISI Proceedings – part of the ISI's Web of Knowledge, ISI - Index to Scientific & Technical Proceedings, CABI Agricultural Engineering Abstracts, InterDok and Cambridge Scientific Abstracts – Conference Papers Index).

Vis110 Moiceanu G., Voicu Gh., **Paraschiv G.**, Voicu P., *Cutting resistance of miscanthus plants using V shaped blades with opennig of 50 degrees and diffrent sharpening angles*, pp. 509 – 515, 13th International Scientific Conference Engineering for Rural Development, 23 - 24 May 2013, ISSN 1691-5976, Jelgava, Latvia.

Vis111 **Paraschiv G.**, Maican E., Biriș S.Șt., Paraschiv I., Vlăduț V., *Researches regarding the optimization of the seeds hopper from the universal seeds drill*, Proceedings of the 40 Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 2012, pp. 265 – 274, 21 – 24 February 2012, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis112 **Paraschiv G.**, Maican E., Costoiu M., Voicu Gh., Poenaru I., *Researches regarding the influence of working speed on the hoe drills seeding accuracy*, Proceedings of the 40 Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 21 – 24 February 2012, pp. 275 – 282, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis113 Poenaru I.C., Voicu Gh., **Paraschiv G.**, Moiceanu G., Voicu P., *Study regarding choosing the optimum rhizome planting equipment*, Proceedings of the 40.Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 21 – 24 February 2012, ISSN 1333-2651, pp. 283 - 292 (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr

Vis114 Vlăduț V., Moise V., Biriș S.Șt., **Paraschiv G.,** *Determining the cost matrix of straw cereals combine harvesters, according to equipment quality and engine power*, Proceedings of the 40 Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 21 – 24 February 2012, pp. 333 - 343, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis115 Ionescu M., Biriș S.Șt., David L., **Paraschiv G.**, Murad E., Carp-Ciocârdia C., *Experimental research on work optimization of oil presses*, Proceedings of the 40 Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 21 – 24 February 2012, pp. 451 – 462, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis116 Moiceanu G., Voicu Gh., **Paraschiv G.**, Poenaru I.C., Biriș S.Șt., *Mechanical characteristics of miscanthus stalks obtained by compression tests*, Proceedings of the 40 Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 21 – 24 February 2012, pp. 507 – 516, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis117 Poenaru I.C., **Paraschiv G.**, Voicu G., Moiceanu G., Biriș S.Șt., *Studies regarding the working process executed on ploughshare of planting machines*, Proceedings of 11th International Scientific Conference „Engineering for Rural Development", vol.11, pp. 22 – 26, 24 - 25 mai 2012, Jelgava, Letonia, (ISSN 1691-3043) *(revistă indexată AGRIS, CAB Abstracts, CABI full text, EBSCO Academic Search Complete, Thomson Reuters Web of Science, Elsevier SCOPUS, PROQUEST)*.

Vis118 Moiceanu G., Voicu Gh., **Paraschiv G.**, Poenaru C.I., Maican E., *Physical characteristics of miscanthus plants and power demand at grinding process*, Proceedings of 11th International Scientific Conference „Engineering for Rural Development", vol.11, pp. 222 – 297, 24-25 mai 2012, Jelgava, Letonia, (ISSN 1691-3043) (*revistă indexată AGRIS, CAB Abstracts, CABI full text, EBSCO Academic Search Complete, Thomson Reuters Web of Science, Elsevier SCOPUS, PROQUEST*).

Vis119 Biriș S.Șt., Ungureanu N., Maican E., **Paraschiv G.**, Voicu Gh., Manea M., *FEM model for the study of interaction between the driving wheel and rolling track for agricultural land vehicles*, Proceedings of the 39th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 22 – 25 February 2011, pp. 95 – 106, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, CAB International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis120 **Paraschiv G.**, Maican E., Biriș S.Șt., Costoiu M., Paraschiv I., *Finite elements analysis a harrow's disc train during the working process*, Proceedings of the 39th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 22 – 25 February 2011, pp. 261 – 270, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, CAB International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis121 Voicu Gh., Tudosie E.M., **Paraschiv G.**, Voicu P., Ipate G., *Testing certain distribution laws regarding some physical characteristics of grinded wheat seed mixture inside milling units and the connection between them*, Proceedings of the 39th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 22 – 25 February 2011, pp. 427 – 436, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr

Vis122 Vlăduț V., Matache M., Voicea I., Popa L., Biriș S.Șt., **Paraschiv G.**, Maican E., *New biodegradable oils used in agriculture*, Proceedings of the 10th International Scientific Conference "Engineering for Rural Development", Jelgava, Latvia, 26-27 May, 2011, pp. 288-293, ISSN 1691-3043 *[AGRIS, CAB ABSTRACTS, CABI full text, EBSCO Academic Search Complete, Thomson Reuters Web of Science, Elsevier SCOPUS]. http://www.tf.llu.lv/conference/index.php?topicID=8*

Vis123 **Paraschiv G.**, Grecu B., Moise V., Adir G., Voicu P., *The functional analysis of the mechanism of the soil leveling machine*, Proceedings of the 38th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 22 – 26 February 2010, pp. 121 – 130, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis124 Moise V., Biriș S.Șt., Grecu B., Ungureanu N., David L., **Paraschiv G.**, *Determination of the minimum surface of an agricultural farm from which a certain power range of tractors become profitable*, Proceedings of the 38th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 22 – 26 February 2010, pp. 99 – 110, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis125 **Paraschiv G.**, Toma M.L., Mușuroi G., Biriș S.Șt., Voicu Gh., *Research regarding the realization of a hydraulic system with automatic control of the agricultural machine position towards soil*, Proceedings of the 38th International Symposium „Actual Tasks on Agricultural Engineering", Croatia, Opatija, pp. 131 - 141, 22 - 26 February 2010, ISSN 1333-2651, UDC 62-82:621.22. (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis126 **Paraschiv G.**, Toma M.L., Biriș S.Șt., Voicu Gh., Vlăduț V., *Influence of the furrow fall angle and overturning tendency on vegetal residues burial degree in ploughing*, Proceedings of the 37th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 10-13 February 2009, pp. 135 – 142, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis127 Biriș S.Șt., Manea M., **Paraschiv G.**, Vlăduț V., Bungescu S., *Power calculus elements for oil presses*, Proceedings of the 37th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 10 - 13 February 2009, pp. 475 – 484, ISSN 1333-2651, *(indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International –*

Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok), http://atae.agr.hr.

Vis128 Vlăduț V., Matache M., Faur N., Biriș S.Șt., **Paraschiv G.**, Bungescu S., *Traction bar testing of a 220 HP tractor in simulated and accelerated regime, its analysis by FEM for determining rupture resistance*, Proceedings of the 37th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 10 - 13 February 2009, pp. 77 - 84, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis129 Vlăduț V., Ganga M., Danciu A., Biriș S.Șt., **Paraschiv G.**, Bungescu S., *Soil pressure determination in real-field and simulated-laboratory*, Proceedings of the 37th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 10 - 13 February 2009, pp. 107 – 116, UDC 004.49:631.431.73, ISSN 1333 - 2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis130 **Paraschiv G.**, Maican E., Biriș S.Șt., Bungescu S., *Researches regarding the development of a soil preparation unit, according to the demands of sustainable agriculture*, Proceedings of the 36th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 11 - 15 February 2008, pp. 135 - 143, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis131 Biriș S.Șt., Maican E., Vlăduț V., **Paraschiv G.**, Manea M., Bungescu S., *Study regarding the soil particles kinematics during the ante-moulboard tillage tools working process*, Proceedings of the 36th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 11 - 15 February 2008, pp. 115 - 126, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis132 Bungescu S., Biriș S.Șt., Vlăduț V., **Paraschiv G.**, *Researches regarding the stress distribution determination appering on the lamellar mouldboard surface with a view to modelling and optimization*, Proceedings of the 36th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 11 - 15 February 2008, pp. 281 - 292, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), http://atae.agr.hr.

Vis133 Biriș S.Șt., Vlăduț V., **Paraschiv G.**, *Research regarding the utilization of ante-moldboard in the ploughs building*, Proceedings of the 35th Symposium „Actual Tasks on Agricultural Engineering", Opatija, Croatia, 2007, pp. 85 – 96, ISSN 1333-2651, (*indexată Current Contents Proceedings, ISI – Index to Scientific & Technical Proceedings, Cab International – Agricultural EngineeringAbstracts, Cambridge Scientific Abstracts – Conference papers Index, InterDok*), www.agr.hr/aed/index.htm.

4^0 Articole/studii publicate în volumele unor manifestări ştiinţifice:
a) internaţionale recunoscute (cu ISSN sau ISBN) din ţară şi din străinătate (Vi)

Vi1. Ungureanu N., Vlăduţ V., Voicu Gh., Biriş S. Şt., **Paraschiv G**., Atanasov At., Dilea M., Ionescu M., *Considerations on the factors influencing the artificial compaction of soil*, 5th International Conference Research People and Actual Tasks on Multidisciplinary Sciences, p. 167-177, 24-28 June 2015, Lozenec, Bulgaria, ISSN 1313-7735.

Vi2. Vlăduţ D.I., Croitoru Şt., Atanasov At., Vlăduţ V., Biriş S. Şt., **Paraschiv G**., Duţu M.F., Dumitru I., Ungureanu N., Găgeanu I., Mircea I.D., *Aspects regarding the factors influencing soil compaction*, 5th International Conference Research People and Actual Tasks on Multidisciplinary Sciences, p. 184-188, 24-28 June 2015, Lozenec, Bulgaria, ISSN 1313-7735.

Vi3. Dinca M., Voicu Gh., Ferdes M., **Paraschiv G.**, Moiceanu G., Voicu P., Ungureanu N., Ionescu M., *The use of algae biomass as substrate for biogas production – a review*, 5th International Conference Research People and Actual Tasks on Multidisciplinary Sciences, p. 222-226, 24-28 June 2015, Lozenec, Bulgaria, ISSN 1313-7735.

Vi4. Moiceanu G., Voicu Gh., Dincă M., **Paraschiv G**., Chitoiu M., *Aspects regarding shearing cutting blades features of energetic plants strains for laboratory testing*, The 6th International Conference on Computational Mechanics and Virtual Engineering - COMEC2015, p.355 - 360, 15-16 October 2015, Brașov, România.

Vi5. Dinca M., Voicu Gh., **Paraschiv G.,** Ungureanu N., Toma L., Moiceanu G., V.Vladut, Ionescu M., Zabava B., *Studies regarding biogas production from energy crops*, International Symposium ISB-INMA TEH Agricultural and Mechanical Engineering, 2015, pp. 291 – 298, 29-31 October 2015, Bucharest, Romania, ISSN 2344-4118.

Vi6. Toma M.L., Voicu Gh., **Paraschiv G.,** Vlăduț V., Dincă M., Voicea I., Ungureanu N., Moiceanu G., *The influence of the temperature on biogas production in a small capacity plant,* International Symposium ISB-INMA TEH Agricultural and Mechanical Engineering, 2015, pp. 305 – 310, 29-31 October 2015, Bucharest, Romania, ISSN 2344-4118.

Vi7. Moiceanu G., Voicu Gh., **Paraschiv G.,** Chitoiu M., Dincă M., Mușuroi G., *Biomass (energy crops) pretreatment to improve anaerobic digestion process – review*, International Symposium ISB-INMA TEH Agricultural and Mechanical Engineering, 2015, pp. 311 – 318, 29-31 October 2015, Bucharest, Romania, ISSN 2344-4118.

Vi8. Biriș S.Șt., Covaliu C.I., **Paraschiv G.**, Vlăduț V., Atanasov A., *Research on valuable recovery of oil from grape seeds*, 3rd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2014, pp. 187 – 192, Mamaia, România, 2014, ISSN 2359 – 7941.

Vi9. Covaliu C.I., **Paraschiv G.,** Biriș S.Șt., Matei E., Filip I., Ionescu M., *Heavy metals removal from wastewater using magnetic nanomaterials based adsorption strategies*, 3rd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2014, pp. 205 – 208, Mamaia, România, 2014, ISSN 2359 – 7941.

Vi10. Dinca M., Moiceanu G., **Paraschiv G.**, Voicu Gh., Ungureanu N., Toma L., Ionescu M., *The influence of heavy metals on biogas production during the anaerobic digestion process*, 3rd

International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2014, pp. 219 – 224, Mamaia, România, 2014, ISSN 2359 – 7941.

Vi11. Moiceanu G., Dinca M., **Paraschiv G.**, Voicu Gh., Chițoiu M., *Biogas, the future of modern society*, 3rd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2014, pp. 273 – 278, Mamaia, România, 2014, ISSN 2359 – 7941.

Vi12. Vîlcu C., Voicu Gh., **Paraschiv G.**, Petcu A., Nedea A., *Special construction autonomous station for the dynamic monitoring of surface water quality indicators*, 3rd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2014, pp. 325 – 330, Mamaia, România, 2014, ISSN 2359 – 7941.

Vi13. Voicu Gh., **Paraschiv G.**, Cardei P., Dinca M., Poenaru I.C., *The study of Miscanthus rhizomes distribution at the semiautomatic planters*, 3rd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2014, pp. 337 – 342, Mamaia, România, 2014, ISSN 2359 – 7941.

Vi14. Covaliu C., Bunghez I.R., Biriş S.Şt., **Paraschiv G**. *Cercetări privind îndepărtarea ionilor de cupru din apa uzată industrială utilizând nanomateriale nepoluante*, International Symposium ISB-INMA TEH, The Agricultural And Mechanical Engineering, 30-31 Octombrie 2014, p. 214-219, Bucuresti, România.

Vi15. Moiceanu G., Voicu Gh., **Paraschiv G**.,Dinca M., Chiţoiu M., Vladut V., *Mechanical properties of energetic plant stem - review*, International Symposium ISBTEH – INMATEH Agricultural and Mechanical Engineering, 2014, pp. 543-550, Bucureşti, România, ISSN 2344-4118.

Vi16. Chiţoiu M., Moiceanu G., Voicu Gh., **Paraschiv G**., Dincă M., Voicea I., *Biomass grinding/milling resistance and energy consumption – review*, International Symposium ISBTEH – INMATEH Agricultural and Mechanical Engineering, 2014, pp.579-584, Bucureşti, România, ISSN 2344-4118.

Vi17. Dincă M., Ferdeş M., Voicu Gh., **Paraschiv G**., Moiceanu G., Muşuroi G., *Basic parameters influencing the fermentation of biomass in order to obtain biogas – a review*, International Symposium ISBTEH – INMATEH Agricultural and Mechanical Engineering, 2014, pp. 279-284, Bucureşti, România, ISSN 2344-4118.

Vi18. Moiceanu G., Voicu P., **Paraschiv G.**, Voicu Gh., Chițoiu M., *Miscanthus plant energy consumption during grinding with a lab mill Grindomix GM 200*, 2nd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2013, pp. 203-209, 20 - 22 June 2013, Băile Olăneşti, România, ISSN 1843 –3359.

Vi19. Constantin G.A., Voicu Gh., Stefan E.M., **Paraschiv G.**, Musuroi G., *Physical properties of the grist fractions at the second reduction passage of a milling plant*, ISB-INMA TEH 2013, 01-03 Noiembrie 2013, Universitatea Politehnica din Bucureşti, pp. 337-344, ISSN 2344 – 4118, București, România.

Vi20. Moiceanu G., Voicu Gh., **Paraschiv G.**, Voicu P., *Aspects regarding resistance mechanical characteristics of energetic plant stalk (Miscanthus)*, Research People and Actual Tasks on Multidisciplinary Sciences, pp. 394 – 399, 12 – 16 June 2013, Lozenec, Bulgaria, ISSN 1313 – 7735.

Vi21. Rusănescu O., **Paraschiv G.**, Gruia A., Rusănescu M., Duțu M., *Monthly average temperatures determined accumulated water storage tank in summer at solar thermal plant*, 2nd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2013, pp. 227-233, 20 - 22 June 2013, Băile Olăneşti, România, ISSN 1843 –3359.

Vi22. Dilea M., **Paraschiv G.**, Voicu Gh., Biriş S.Şt., Ungureanu N., Toma L. and Ionescu M., *Biogas, the most effective technology for biomass*, Research People and Actual Tasks on Multidisciplinary Sciences, pp. 386 – 390, 12 – 16 June 2013, Lozenec, Bulgaria, ISSN 1313 – 7735.

Vi23. Ionescu M., Biriș S.Șt., Voicu Gh., **Paraschiv G**., Ungureanu N., Dilea M., Vladut V., Matache M., Voicea I., *Hydraulic pressing of oilseeds: experimental laboratory stand for determination of material balance*, Research people and actual tasks on multidisciplinary sciences, pp. 276 – 280, 12 – 16 June 2013, Lozenec, Bulgaria, ISSN 1313 – 7735.

Vi24. Ungureanu N., Biriş S.Şt., Voicu Gh., **Paraschiv G**., Ionescu M., Dilea M., Vlădut V., Matache M., *Study on the measuring methods of stresses and strains in agricultural soil*, Research people and actual tasks on multidisciplinary sciences, pp. 394 – 399, 12 – 16 June 2013, Lozenec, Bulgaria, ISSN 1313 – 7735.

Vi25. Dilea M., **Paraschiv G.**, Ungureanu N., Voicu Gh., Biriş S.Şt., Ionescu M., *Biogas, a modern renewable energy in the european context*, pp. 147 – 152, 2nd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2013, 20 - 22 June 2013, ISSN 1843 –3359, Băile Olăneşti, România.

Vi26. Ungureanu N., **Paraschiv G.**, Dilea M., Ionescu M., Voicu Gh., Biriş S.Şt., *Methods for waste neutralization in contemporary Romania*, 2nd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2013, pp. 255 – 260, 20 - 22 June 2013, Băile Olăneşti, România, ISSN 1843 – 3359.

Vi27. Covaliu C.I., Biriş S.Şt., **Paraschiv G.**, Voicu Gh., *Iron-based magnetic hybrid nanoparticles for high efficient removal of heavy metals from wastewater*, 2nd International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2013, pp. 139 - 141, 20 - 22 June 2013, Băile Olăneşti, România, ISSN 1843 – 3359.

Vi28. Covaliu. C.I., Toma L., **Paraschiv G.,** Biriş S.Şt., *Environmental applications of zeolite-based nanomaterials. hospital wastewater treatment investigation*, 4rd International Conference "Research People and Actual tasks on Multidisciplinary Science", pp. 237-242, vol. 2, 12-16 June 2013, Lozenec, Bulgaria, ISSN 14313 – 7735.

Vi29. Covaliu C.I., **Paraschiv G**., Biriș S.Șt., *Zeolites - a multifactional environmental engineering solution*, Fifth International Conference on Energy Efficiency and Agricultural Engineering, EE&AE 2013, pp. 184 - 187, 17 – 18 May 2013, Rousse, Bulgaria.

Vi30. Rusănescu O., **Paraschiv G.**, Murad E., David M., *Monitoring solar radiation intensity in the year 2011 in the north west of Bucharest with sun-earth angle*, International symposium ISBTEH 2012, INMATEH 2012, pp. 159 - 165, ISBN 978-973-0-13670-8.

Vi31. Moiceanu G., Voicu Gh., **Paraschiv G.**, Poenaru I.C., Pirnă I., *Some physical - biological characteristics of miscanthus energetic plant stalks*, International symposium ISBTEH 2012, INMATEH 2012, pp. 147 - 153, ISBN 978-973-0-13670-8.

Vi32. Constantin G., Voicu Gh., Ștefan M., **Paraschiv G.**, *Research of the grist dimensional characteristics at the second-break ground in a industrial wheat mill*, International symposium ISBTEH 2012, INMATEH 2012, pp. 117 - 124, ISBN 978-973-0-13670-8.

Vi33. Paraschiv G., Voicu Gh., Constantin G., Darie G., Biriș S.Șt., Ștefan M., *Puncte critice de control pe fluxul tehnologic de panificatie*, Sesiunea științifică de toamnă a Centrului Universul Științei "Mioveni, Argeș, 8-10 sept. 2011, Secțiunea Protecția Infrastructurilor Critice, Vol. 4, nr.2, pp. 362 – 372, 2011, ISSN 2068-4096.

Vi34. Vlăduţ V., Voicea I., Matache M., Militaru M., Chiţoiu M., Popa L. Bungescu S., Paraschiv G., Biriş S.Şt., Maican E. Atanasov At., *Determination of tribology parameters of the eco Biodegradable fluids*, RESEARCH PEOPLE AND ACTUAL TASKS ON MULTIDISCIPLINARY SCIENCES 8 – 10 JUNE 2011, LOZENEC, BULGARIA

Vi35. Moise V., Voicu Gh., **Paraschiv G.**, Maican E., *Mechanism synthesis of the handpallets*, Proceeding of the 10th International Congress on Mechanization and Energy in Agriculture, Antalya, Türkiye, pp. 722 – 727, 14 – 17 October 2008, ISBN 978 – 975 – 7666 – 93 – 6.

Vi36. Vlăduţ V., Ganga M., Gafiţianu D., Biriş S.Șt., Bungescu S., **Paraschiv G.**, *Cercetări privind caracterizarea uleiului obţinut prin presare la rece din produsele vegetale*, 3rd International Conference - Advanced Concept In Mechanical Engineering, pp. 645-654, Iaşi, 2008, ISSN 1011-2855.

Vi37. Paraschiv G., Biriș S.Șt., Maican E., Vlăduț V., *Research about correlation between the constructive and kinematical parametres of milling machines*, First International Conference „Research People and Actual Tasks on Multidisciplinary Sciences", Lozenec, Bulgaria, 2007, pp.118 - 121, ISBN 978-954-91147-3-7.

Vi38. Paraschiv G., Păunescu I., Maican E., Bungescu S., *Studies regarding the optimization of the milling machines working process*, First International Conference „Research People and Actual Tasks on Multidisciplinary Sciences", Lozenec, Bulgaria, 2007, pp. 122 – 127, ISBN 978-954-91147-3-7.

Vi39. Surdu C., Hadjsaid N., Kieny C., Caire R., **Paraschiv G.,** *Combined heat and power plant optimization tool in a competitive energy market context,* 18th International Conference on Electricity Distribution CIRED, Session 4, 5 pp. 6–9 June 2005, Turin, Italia (www.cired.org.uk).

Vi40. Paraschiv G., Bosoi G., *Sistem minim de lucrări în vederea conservării solului conform cerinţelor U.E. – agricultura durabilă*, A 7-a Conferință Națională pentru Protecția Mediului prin Biotehnologii Agricole, Silvice, de Alimentație și Sănătate Publică – cu participare internațională, Brașov, 27 – 28 mai 2005, pp. 948 - 953, ISBN 973-87505-0-4.

Vi41. Manole C., **Paraschiv G.**, *Tratarea catalitică a gazelor de eşapament*, SMAT 2001, Autovehiculul siguranţă, confort şi fiabilitate, Prima conferinţă cu participare internaţioală, Craiova, 08-09 Noiembrie 2001, vol.III, Motoare pentru autovehicule, Editura Universităţii din Craiova, pp. 359 - 365, ISBN 973-8043-25-6.

Vi42. Manole C., **Paraschiv G.,** Becheanu D., *Poluarea prin uleiuri uzate*, Sesiunea Ştiinţifică Jubiliară cu participare internaţională a Universităţii Aurel Vlaicu din Arad, Noiembrie 3 - 4, 2000, vol.I.

Vi43. Paraschiv G., Manole C., Becheanu D., *Poluanţi degajaţi de motoarele de automobil*, Sesiunea Ştiinţifică Jubiliară cu participare internaţională a Universităţii Aurel Vlaicu din Arad, Noiembrie 3 - 4, 2000, vol.I.

Vi44. Becheanu D., **Paraschiv G.,** Manole C., *Metode moderne pentru pregătirea produselor din carne*, Sesiunea Ştiinţifică Jubiliară cu participare internaţională a Universităţii Aurel Vlaicu din Arad, Noiembrie 3 - 4, 2000, vol.II.

Vi45. Babiciu P., **Paraschiv G.**, Cristea I., *Optimizarea procesului de lucru al frezelor agricole*, Simpozion Ştiinţific Jubiliar "65 ani ai Universităţii Agrare de Stat din Moldova", 7-9 octombrie 1998, pp.138 – 139, vol.2, Chişinău, Moldova.

b) naţionale (Vn), inclusiv cotate ISI sau indexate în baze de date internaţionale

Vn1. Manole C., **Paraschiv G.**, Clapa L., *Politica de calitate a produselor alimentare din carne în viziunea Uniunii Europene*, Vol. Simpozionului Naţional cu tema "Creşterea economică şi armonizarea cadrului legislativ în perspectiva aderării României la UE", pp. 65-69, Editura Bioterra, 2004, ISBN 973-8114-50-0.

Vn2. Manole C., **Paraschiv G.**, Şerban D., *Optimizarea proceselor prin aplicarea metodei geometrice la rezolvarea unor probleme de programare liniară*, Sesiunea jubiliară de comunicări Ştiinţifice ISBTEH-2002, Universitatea Politehnica din Bucureşti, 7-8 Iunie 2002, pp. 146 – 149, ISBN 973-685-410-8.

Vn3. Babiciu P., **Paraschiv G.**, *Modelarea matematică a parametrilor dinamici pentru frezele agricole*, Sesiunea Jubiliară de Comunicări Ştiinţifice ISBTEH-2002, Universitatea Politehnica din Bucureşti, 7-8 iunie 2002, pp. 106 - 109, ISBN 973-685-410-8.

Vn4. Paraschiv G., Babiciu P., Manole C., *Determinarea experimentală a forţei de împingere a tractorului de către freza agricolă*, Sesiunea Jubiliară de Comunicări Ştiinţifice ISBTeh-2002, Universitatea Politehnica din Bucureşti, 7-8 Iunie 2002, pp. 100 - 105, ISBN 973-685-410-8.

5^0 Brevete de invenţie(B1, B2 etc.)

B1. „Sită cilindrică cu trei sectoare acționate individual prin arbori tubulari". Autori: Gheorghe Voicu, Gabriel-Alexandru Constantin, Gigel Paraschiv, Mihnea Costoiu: 134101 B1 / 2022. Publicat în BOPI nr. 2/2022.
B2. „Cylindrical sieve with three sectors, has tapered reduction gear, V-belt pulley that is mounted on input shaft in tapered reduction gear for transmission of motion from electric motor", International Patent Classification: B07B-001/00, Publ. Date: 29 May 2020.
Sorica C., Ionita Gh., **Paraschiv G.**, Costoiu M., *Sistem de prindere și fixare cu elemente elastice pe bara pătrată*, Cerere nr. A/00951 din 05.12.2012.

B3. Ionita Gh., Costoiu M., **Paraschiv G.**, *Sistem reglabil de prindere și fixare cu blocare laterală*, Cerere nr. A/00830 din 23.08.2011.

B4. Pirna I., Costoiu M., **Paraschiv G.**, *Sistem oscilant cu lagăr întărit și acționare pneumatică,* Cerere nr. A/00843 din 26.08.2011.

B5. M. Costoiu, **G. Paraschiv**, I. Pirnă, G. Ionita, *Sistem de siguranţă al îmbinărilor cu filet,* Cerere nr. A/01442 din 22.12.2011.

B6. Covaliu C., **Paraschiv G.**, Jianu I., Matei E., *Procedeu tehnologic de epurare a apelor uzate*, Cerere de brevet nr. A/00425 din 03.06.2013.

B7. David A.D, **Paraschiv G.**, Marin E., Vladut N.V., Mateescu M., *Tambur cu lame reglabile pentru distrus resturi vegetale*, Cerere de brevet A/00991, 2013.

B8. Popa L., **Paraschiv G.**, Ciuperca R., Stefan V., *Echipament complex pentru mulcit*, Cerere de brevet A/00992, 2013.

6^0 Proiecte de cercetare-dezvoltare-inovare

a) obţinute prin competiţie pe bază de contract/grant în ţară/ străinătate (Pn-naţionale, Pi - internaţionale):

Pi1. Paraschiv G. (membru), NR. 39 PTE din 12/06/2020 (PN-III-P2-2.1-PTE-20190628) - " Instalatie de indepartarea a poluantilor organici din apele uzate pe baza de fotocataliza si procedee biologice (BIOCAT)", 2020-2022, partener Ecoind si S.C.Dfr Systems.

Pi2. Păunescu I., Opriţa N., **Paraschiv G.** *(participant)*, Căsăndroiu T., Maican C., Voicu Gh., Maican E., Safta V., Biriş S., *Laborator pentru educaţie şi cercetare în ingineria şi managementul mediului*, Contract de Grant, Proiect CNFIS-COD-250, Finanţat de Banca Mondială, 2001-2003.

Pi3. Căsăndroiu T., Voicu Gh., Oprita N., **Paraschiv G.** *(participant)*, Babiciu P., *Dezvoltarea unui laborator pentru studiul proprietăţilor fizice ale produselor agroalimentare*, Contract de Grant nr. 41872 / 4.11.1999, Proiect CNFIS-COD 205, Finanţat de Banca Mondială, 1999-2002.

Pn1 Membru cercetator, CSI - Contract nr. 27 PCCDI din 31/03/2018. PNCDI III - Programul 1 - Dezvoltarea sistemului național de CD, Subprogramul 1.2 - Performanță instituțională, Proiecte Complexe realizate în consorţii CDI – 2017. Domeniul 3 - Energie, mediu și schimbări climatice. Cod înregistrare proiect PN-III-P1-1.2-PCCDI-2017-0254. Denumirea proiectului complex: "*Tehnologii inovative pentru irigarea culturilor în condiţii de climat arid, semiarid si subumed-uscat* (SMARTIRRIG)". Denumire proiect 4: "Soluție tehnologică inovativă de valorificare a apelor uzate pentru irigarea culturilor agricole energetice";

Pn2 *Tehnologie conservativă de prelucrare a solului,* UEFISCDI, Tip proiect: programul Parteneriate în Domenii prioritare, Cod: PN-II-PT-PCCA-2013-4-0219, Contract de finanțare nr. 181/2014, **Paraschiv G.** - Cercetător Științific 1, Perioada de desfăşurare 2014-2016 (SUMA UPB 192500 RON).

Pn3 *Tehnologie îmbunătățită de epurare prin flotație a apelor puternic încărcate,* PTE-PNIII, Contract de finanțare nr.25/2016, **Paraschiv G.** - Cercetător Științific, Perioada de desfăşurare 2016-2018.

Pn4 *Procese şi sisteme operaţionale pentru tratarea şi valorificarea materială şi energetică a deşeurilor, PROVED,* Contract nr. 78/08.09.2016, **Paraschiv G.** - Cercetător Științific, Cod MySMIS 105707, Perioada de desfăşurare: 2016-2021 (Finantare nerambursabilă 8586000 RON).

Pn5 *Reducerea impactului de mediu prin optimizarea lanţului de conversie la instalaţiile de valorificare energetică a biogazului din depozitele de deşeuri/REMOVED, SC ECOBihor SRL* – **Paraschiv G.** - *Responsabil Tehnic*, Perioada de desfăşurare 12.09.2013 – 01.03.2015.

Pn6 *De la teorie la practică prin întreprindere simulată - POSDRU/90/2.1/S/58123,* ***Paraschiv G. -*** *Manager de proiect din partea UPB, Perioada de desfăşurare iunie 2011 – mai 2012 (Suma UPB:* ***973741,02 RON****).*

Pn7 *Calificarea angajaților din industrie și servicii - un pas înainte pentru rezolvarea crizei economice, POSDRU/108/2.3/G/80722,* ***Paraschiv G.*** *– Manager de proiect (2051405,30 RON)*

Pn8 *Masterandul de azi, specialistul de mâine, POSDRU/109/2.1/G/81497,* ***Paraschiv G. –*** *Manager de proiect din partea UPB, Perioada de desfăşurare 01.01.2012 – mai 2012. (Suma 2152427,18 RON).*

Pn9 *Bursa de proiecte, POSDRU/86/1.2/S/62885,* ***Paraschiv G. -*** *Expert pe termen lung din partea UPB, Perioada de desfăşurare 2010 – mai 2012.*

Pn10 *Rețea națională de formare continuă a cadrelor didactice din învățământul preuniversitar profesional și tehnic– CONCORD, POSDRU/87/1.3/S/61397,* ***Paraschiv G.****– Expert pe termen lung din partea UPB, Perioada de desfăşurare 2010 – mai 2012.*

Pn11 *Întreprindere simulată pentru tehnici de lucru în cadrul companiilor tehnologice, Fondul Social European, Programul Operaţional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, Axa prioritară 2."Corelarea învăţării pe tot parcursul vieţii cu piaţa muncii", Domeniul major de intervenţie 2.1 "Tranziţia de la şcoală la viaţa activă",Numărul contractului: POSDRU/90/2.1/S/56319, Beneficiar: Ministerului Educaţiei, Cercetării, Tineretului şi Sportului, 2011-mai 2012 (Suma UPB: 1347938 RON),* **Paraschiv G.** - Responsabil UPB.

Pn12 *Formarea cadrelor didactice universitare şi a studenţilor în domeniul utilizării unor instrumente moderne de predare-învăţare-evaluare pentru disciplinele matematice, în vederea creării de competenţe performante şi practice pentru piaţa muncii, POSDRU/56/1.2/S/32768*, **Paraschiv G.** - Expert pe termen lung din partea UPB, Perioada de desfăşurare 2009 – 2012.

Pn13 *Formarea personalului universitar şi a studenţilor în utilizarea instrumentelor informatice moderne în domeniul managementului universitar, POSDRU/86/1.2/S/62689,* **Paraschiv G.** - Expert pe termen lung din partea UPB, Perioada de desfăşurare 2010 – mai 2012.

Pn14 *Restructurarea sistemului de practică productivă a studenţilor din învăţământul tehnic superior – TRIPOD, POSDRU/90/2.1/S/58108,* **Paraschiv G.** - Expert pe termen scurt din partea UPB, Perioada de desfăşurare 2011 – mai 2012.

Pn15 **Paraschiv G.** *(responsabil proiect)*, Toma L., Biriș S., Voicu Gh., Maican E., David O., *Tehnologie pentru promovarea în România a plantei energetice Miscanthus, ca sursă regenerabilă în scopul creşterii competitivităţii şi securităţii energetice* – INMA București, Programul 4: Programe prioritare, Contract nr.21-038/14.09.2007, nr. intern IS 26 07 04.

Pn16 **Paraschiv G.** *(responsabil proiect)*, Păunescu I., David L., Maican E., Niță A., *Cercetarea şi elaborarea unor tehnologii cu impact ecologic redus pentru mecanizarea cu imputuri minime a lucrărilor de întreţinere şi îmbunătăţire a pajiştilor*, Programul „Cercetare de excelenţă" – AGRAL, tip proiect P-CD, Contract nr. 69/5/2006 (nr. intern 32-06-04), ICDP Brașov.

Pn17 **Paraschiv G.** *(responsabil proiect)*, Păunescu I., David L., Voicu Gh., Stoica D., David M., *Cercetarea şi elaborarea unei tehnologii performante pentru manipularea şi distribuirea furajelor în fermele de taurine, în vederea protejării sănătăţii şi asigurarea calităţii produselor animaliere*, Programul „Cercetare de excelenţă" – AGRAL, tip proiect P-CD, Contract nr. 58/14.09.2006 (nr. intern 32-06-03) INMA Bucureşti.

Pn18 **Paraschiv G.** *(responsabil proiect)*, Păunescu I., David L., Maican E., Mușuroi G., Niță A., *Cercetarea şi elaborarea unor tehnologii ecologice de fertilizare a solului, conform conceptului de agricultură durabilă, cu impact favorabil asupra mediului şi a sănătăţii consumatorilor*, Programul „Cercetare de excelență"- AGRAL, tip proiect P-CD, Contract nr. 19/03.10.2005 (nr. intern 32-05-02), INMA Bucureşti.

Pn19 **Paraschiv G.** *(responsabil proiect)*, Păunescu I., David L., Maican E., Mușuroi G., Toma L., *Cercetări privind optimizarea şi implementarea tehnologiilor de obţinere a nutreţurilor concentrate în scopul îmbunătăţirii calităţii şi siguranţei chimice a produselor provenite din zootehnie*, Programul „Cercetare de excelenţă" – AGRAL, tip proiect P-CD, Contract 16/03.10.2005 (nr. intern 32-05-04),INMA Bucureşti.

Pn20 **Paraschiv G.** *(responsabil proiect)*, Păunescu I., David L., Voicu Gh., Mușuroi G., Maican E., *Asimilarea în fabricaţie a unui finisor vibrator cu autocurăţire în scopul creşterii indicelui de extracţie la produsele măcinate*, Program AGRAL, (nr. Intern 32-04-10), INMA Bucureşti, Programul Agral, 2004.

Pn21 **Paraschiv G.** *(responsabil proiect)*, Păunescu I., David L., *Tehnologie şi echipament tehnic pentru efectuarea lucrării de bază a solului corespunzătoare conceptului UE – Agricultură Durabilă*, Ministerul Educaţiei şi Cercetării, PNCDI, Programul CERES, Contract nr. 142/18.10.2001 (nr. intern 32-01-07), 2001.

Pn22 Murad E., Biriș S., **Paraschiv G.** *(participant)*, Safta V., *Cercetări privind impactul schimbărilor climatice globale asupra ecosistemului viticol din zona colinară*, PNCDI, Ctr. 51075/14.09.2007.

Pn23 Biriș S., **Paraschiv G.** *(participant)*, Voicu Gh., Maican E., *Promovarea participării şi integrării cercetării ştiinţifice româneşti la programul cadru 7 privind mecanizarea lucrărilor agricole, producţia şi managementul durabil al resurselor solului agricol*, Contract CEEX Modul 3, Nr.147/1.08.2006.

Pn24 Voicu Gh., **Paraschiv G.** *(participant)*, Căsăndroiu T., Biriș S., Maican E., Moise V., *Cercetări privind modelarea matematică şi realizarea unor experimentări pentru studiul separării seminţelor în sistemele de curăţire de la combinele de recoltat cereale păioase*, Grant CNCSIS nr. GR.49/2008, Cod 167, nr. intern IS 26-08-01.

Pn25 Murad E., Călinescu I., **Paraschiv G.** *(participant)*, Prisecaru T., *Sistem de încălzire a serelor cu biomasă din surse locale*, I.N.M.A. Bucureşti – Programul Agral 2004.

Pn26 Voicu Gh., Păunescu I., **Paraschiv G.** *(participant)*, David L., *Tehnologie şi instalaţie modernizată pentru producerea intensivă a drojdiei de panificaţie în ciclu redus de multiplicare*, ICA Bucureşti – Programul Relansin 2004.

Pn27 Păunescu I., **Paraschiv G.** *(participant)*, David L., Voicu Gh., *Tehnologie enzimatică şi instalaţie de obţinere a acidului lactic de înaltă puritate pentru industria alimentară şi farmaceutică din porumb*, ICA Bucureşti – Programul Relansin 2004.

Pn28 Păunescu I., **Paraschiv G.** *(participant)*, Maican E., *Perfecţionarea tehnologiei de pregătire a patului germinativ prin realizarea unei grape cu capacitate de lucru ridicată destinată tractoarelor de puteri mari*, I.N.M.A. Bucureşti – Programul Agral 2004.

Pn29 David L, **Paraschiv G.** *(participant)*, Păunescu I., Musuroi G., *Perfecţionarea tehnologiei de mecanizare a lucrărilor de recoltat furaje prin realizarea unei combine tractate*, I.N.M.A. Bucureşti - Programul Agral 2004.

Pn30 Păunescu I., **Paraschiv G.** *(participant)*, David L., Maican E., Mușuroi G., *Tehnologie ecologică de lucrare a solului în sistem conservativ şi subsolaj prin realizarea unui echipament tehnic pentru tractoarele de mare putere*, I.N.M.A. Bucureşti - Programul Agral 2004.

Pn31 David L., Păunescu I., **Paraschiv G.** *(participant)*, Mușuroi G., Maican E., Maican C., *Cercetări privind realizarea unui set de echipamente tehnice destinate mecanizării lucrărilor de întreţinere din culturile şcoală (pepiniere) de viţă de vie*, I.N.M.A. Bucureşti - Programul Agral 2004.

Pn32 Muşuroi G., Păunescu I., **Paraschiv G.** *(participant)*, Murad E., David L., *Aparatură de pregătire a aerului instrumental cu materiale polimerice superabsorbante*, I.H.P. Bucureşti – Programul Relansin, 2003.

Pn33 Păunescu I., **Paraschiv G.** *(participant)*, David L., Maican E., Mușuroi G., *Tehnologie ecologică de mecanizare pentru reabilitarea pajiştilor prin supraânsămânţare în benzi pentru obţinerea unor furaje de calitate superioară şi pentru refacerea calităţii ecopeisagistice a mediului ambiant*, I.N.M.A. Bucureşti – Programul Agral, 2003.

Pn34 Păunescu I., **Paraschiv G.** *(participant)*, Maican E., Becheanu D., *Perfecţionarea sistemului de mecanizare a lucrării de semănat culturi legumicole prin promovarea unui nou echipament tehnic specializat pentru seminţe mici şi foarte mici*, I.N.M.A. Bucureşti – Programul Agral, 2003.

Pn35 Păunescu I., **Paraschiv G.** *(participant)*, David L., Becheanu D., Maican E., Mușuroi G., *Perfecţionarea sistemului de mecanizare privind semănatul plantelor prăşitoare prin integrarea unui echipament tehnic specializat în vederea creşterii volumului calităţii producţiei*, I.N.M.A. Bucureşti – Programul Agral, 2002.

Pn36 Păunescu I., **Paraschiv G.** *(participant)*, Maican E., Cristea I., David L., *Perfecţionarea sistemului de mecanizare a lucrării de întreţinere a culturilor prin realizarea unui cultivator prevăzut cu tipuri noi de organe de lucru*, I.N.M.A. Bucureşti – Programul Agral, 2002.

Pn37 Păunescu I., **Paraschiv G.** *(participant)*, Mușuroi G., David L., Maican E., *Elaborarea unei metode performante de încercări prin modelarea matematică a datelor experimentale şi teoretice din procesul de lucru al echipamentelor tehnice de semănat plante prăşitoare*, I.N.M.A. Bucureşti – Programul Agral, 2001.

Pn38 Păunescu I., David L., Maican C., **Paraschiv G.** *(participant)*, Constantin I., Becheanu D., Magheti I., *Studii şi cercetări privind creşterea ergonomiei şi siguranţei posturilor operatorilor la echipamentele tehnice utilizate în agricultură*, contract UPB-ANSTI, nr.11-2-29, Orizont 2000.

Pn39 Babiciu P., **Paraschiv G.** *(participant)*, Burloiu V., Biriș S., Becheanu D., Mușuroi G., *Dezvoltarea de modele matematice pentru optimizarea proiectării nivelatoarelor*, Ministerul Cercetării şi Tehnologiei, 1998.

Pn40 Babiciu P., Biriș S., **Paraschiv G.** *(participant)*, Burloiu V., Becheanu D., *Realizarea unor pachete de programe pentru optimizarea şi generarea asistată de calculator a suprafeţelor active ale plugurilor*, Ministerul Cercetării şi Tehnologiei, 1998.

Pn41 Babiciu P., **Paraschiv G.** *(participant)*, Biriş S., Burloi V., *Realizarea unor pachete de programe pentru simularea şi proiectarea pe calculator a frezelor agricole*, IMAS-Ministerul Cercetării şi Tehnologiei, 1997.

Pn42 Babiciu P., **Paraschiv G.** *(participant)*, Becheanu D., Biriş S., Burloiu V., *Dezvoltarea de modele matematice pentru optimizarea frezelor agricole*, Ministerul Cercetării şi Tehnologiei, 1997.

Pn43 Babiciu P., **Paraschiv G.** *(participant)*, Biriş S., Sindile M., Burloiu V., *Realizarea unor biblioteci de organe de maşini specifice domeniului de mecanică agricolă în limbajele AutoLISP şi AutoCAD*, Ministerul Cercetării şi Tehnologiei, 1996.

Pn44 Babiciu P., Sindile M., **Paraschiv G.** *(participant)*, Majeri D., Burloiu V., Mușat M., *Studii şi cercetări privind fiabilizarea sistemului oscilant pentru combinele C110 şi C140*, Ministerul Cercetării şi Tehnologiei, 1995.

Pn45 Babiciu P., Biriş S., **Paraschiv G.** *(participant)*, Burloiu V., Majeri D., Musat M., *Realizarea programelor pentru simularea şi proiectarea pe calculator a suprafeţelor active ale trupiţelor cu cormană,* Ministerul Cercetării şi Tehnologiei, 1995.

Pn46 Babiciu P., Biriş S., **Paraschiv G.** *(participat)*, Becheanu D., Mjeri D., Sindile M., *Studiul teoretic privind stabilirea procedurilor de testare în regim simulat şi accelerat a plugurilor purtate*, Ministerul Cercetării şi Tehnologiei, 1994.

Pn47 Babiciu P., Majeri D., **Paraschiv G.** *(participant)*, Safta V., Mușat M., Burloiu V., *Realizarea unor varitoare de turaţie cu curele cu fiabilitate ridicată, pentru combinele de recoltat cereale păioase*, Ministerul Cercetării şi Tehnologiei, 1994.

Pn48 Babiciu P., Murad E., **Paraschiv G.** *(participant)*, Maican E., Biriş S., Burloiu V., Majeri D., *Realizarea unui sistem CAD de asistare – simulare maşini agricole şi tractoare ASIMAT*, Ministerul Învăţământului, 1993.

Pn49 Babiciu P., Safta V., **Paraschiv G.** *(participant)*, Biriş S., Majeri D., Burloiu V., Musat M., *Cercetări privind realizarea unei maşini de recoltat bulbi de ceapă*, Ministerul Învăţământului, 1993.

b) alte lucrări de cercetare-dezvoltare (F1, F2 etc.)

F1. Babiciu P., **Paraschiv G.** ***(participant)*,** Burloiu V., Majeri D., Ianolide D., Sindile M., *Catalogarea substanţelor şi tehnologiilor de tratare şi aplicare a îngrăşămintelor chimice*, ICSITMUA București, 1994.

F2. Babiciu P., Burloiu V., **Paraschiv G.** ***(participant)*,** Ianolide D., Majeri D., Mușat M., *Determinarea indicilor energetici ai combinei autopropulsate de recoltat ştiuleţi depănuşaţi pe 4 rânduri P4 în vederea studierii posibilităţilor de realizare a unei trasmisii hidrostatice pentru puntea motoare şi pentru unele organe de lucru*, ICSITMUA București, 1994.

F3. Scripnic V., Cristea I., **Paraschiv G.** ***(participant)***, *Studii şi cercetări privind determinarea spectrelor de sarcină la maşinile agricole acţionate de la priza de putere a tractoarelor care lucrează în agregat şi stabilirea tipului corespunzător de sistem de siguranţă în vederea protejării transmisiilor*, ICSITMUA București, 1994.

F4. Scripnic V., Rohan R., **Paraschiv G.** ***(participant)*****,** Cristea I., Bayer M., *Determinarea legilor de variaţie pentru unghiurile α, β, γ, ale trupiţelor cu antecormană*, ICSITMUA București, 1992.

7^0 Creaţii artistice prezentate la manifestări recunoscute (A1, A2 etc.), precum şi, după caz, alte lucrări similare - **articole/studii publicate în volumele unor manifestări ştiinţifice naţionale**, **lucrări prezentate la diferite seminarii/expoziţii şi nepublicate (E1, E2** etc.) etc.

E1 Paraschiv G., Moiceanu G., Zăbavă B.Ș., Munteanu M.G., Dincă M.N., *Energy recovery of lignocellulosic biomass through pelletization process*, Academia de Științe Tehnice din România, Conferința Internațională, Zilele ASTR, Energia și Materia în Industria Modernă, Ediția XX-a, 18-19 sept 2025, Galați.
E2 Frăsina S., Murariu G., Roșu A., Fetecău C., **Paraschiv G.** *A New Approach on Designing 3D Printed Radiation Shields to Enhance Capabilities for Bioclimatic Urban Heat Island Micro-Mapping*, Academia de Științe Tehnice din România, Conferința Internațională, Zilele ASTR, Energia și Materia în Industria Modernă, Ediția XX-a, 18-19 sept 2025, Galați
E3 Antonie (Popescu) I.S., Covaliu-Mierlă C.I., **Paraschiv G.** *Recent developments in micro-nano bubble applications for domestic and industrial wastewater treatment / Evoluții recente în aplicațiile cu micro-nano bule pentru tratarea apelor uzate menajere și industriale.* International Symposium ISB-INMA TEH, Agricultural and Mechanical Engineering, Section 4 – Young People, 6-8 October 2022, Bucharest.
E4 Antonie (Popescu) I.S., Covaliu-Mierlă C.I., **Paraschiv G.** *"ANMBR Technology", an oportunity for the future / "ANMBR Technology", o oportunitate pentru viitor.* International Symposium ISB-INMA TEH, Agricultural and Mechanical Engineering, Section 4 – Young People, 6-8 October 2022, Bucharest.
E5 Antonie (Popescu) I.S., Covaliu-Mierlă C.I., **Paraschiv G.** *Micro-nano bubble applications for domestic and industrial wastewater treatment/ Aplicații cu micro-nano bule pentru tratarea apelor uzate menajere și industrial.* International Symposium ISB-INMA TEH, Agricultural and Mechanical Engineering, Section 4 – Young People, 6-8 October 2022, Bucharest.
E6 Istrate I.A., **Paraschiv G.,** Dincă M., Ungureanu N., Rada E.C.,*The influence of diesel concentration on soil microbiota,* 16th International Waste Management and Landfill Symposium, 02-06 octombrie 2017, Cagliari, Sardinia, Italia.
E7 Ungureanu N., **Paraschiv G**., Vlăduț V., Dincă M., Istrate I. A., Ragazzi M., *The potential of soil degradation by compaction, indicated by FEM modelling*, 16th International Waste Management and Landfill Symposium, 02-06 octombrie 2017, Cagliari, Sardinia, Italia.
E8 Dincă M., Ferdeș M., **Paraschiv G.**, Ungureanu N., Tehnologia obținerii biogazului din biomasă, Romania's Energy, a network today, for tomorrow's investment, Târg Internațional București RoEnergy, 21-23 iunie 2017, Masa rotunda Bioenergia în România, ediția 6: Biomasă, biogas, cogenerare în ferme și fabrici.
E9 Covaliu C.I, **Paraschiv G.**, Toma M.L., Vasile E., Synthesis, mechanistic studies and technological innovation of applying oxide nanomaterials in wastewater treatment by flotation, Applied Nanotechnology and Nanoscience International Conference – ANNIC 2017, 18 – 20.10.2017, Roma, Italia.
E10 Covaliu C.I, **Paraschiv G.**, Vasile E., Matei E., Nanostructured zeolites for heavy metals removal from wastewater, Applied Nanotechnology and Nanoscience International Conference – ANNIC 2017, 18 – 20.10.2017, Roma, Italia.

E11 Dincă M., **Paraschiv G.**, Voicu Gh., Moiceanu G., Chiţoiu M, *Prevention measures of environmental risks generated by uncontrolled storage of wastes,* Second International Conference on Natural and Anthropic Risks ICNAR2014, 4-7 June 2014, Bacău, România.

E12 Moiceanu G., **Paraschiv G.**, Voicu Gh., Dincă M., Chiţoiu M., *Comparative analysis of energy comsumption at grinding multiple types of vegetal biomass*, Second International Conference on Natural and Anthropic Risks ICNAR2014, 4-7 June 2014, Bacău, România.

E13 Covaliu C.I., **Paraschiv G.,** Matei E., *Meso-microporous hierarchically zsm-5 based nanostructurated hybrids as adsorbents for Pb2+ AND Cd2+ from wastewater***,** Second International Conference on Natural and Anthropic Risks ICNAR2014, p.30, 4-7 June 2014, Bacău, România.

E14 Covaliu C.I., Matei E., **Paraschiv G.**, Predescu A., *Depollution of wastewater containing Cr (VI) ions using a polymer-magnetite nanosystem*, IC-ANBES, 13-15 Iunie 2014, Braşov, România.

E15 Covaliu C.I. , **Paraschiv G.**, Biriș S.Șt., Stoica D., Matei E., *Heavy metals removal from wastewater using magnetic nanomaterials,* 2nd International Conference on Analytical Chemistry – Analytical Chemistry for a Better Life, 17-21 Septembrie 2014, Târgoviște, România.

E16 Covaliu C.I., Matei E., **Parachiv G.**, Stoian O., *Zeolites for wastewater treatment*, 6th International Conference "Biomaterials, Tissue Engineering & Medical Devices", BiomMedD'2014, p. 194, 17-20 septembrie 2014, Constanţa, România.

E17 Dilea M., **Paraschiv G.**, Voicu Gh., Ungureanu N., Ionescu M., Toma L., *Tehnologii utilizate în managementul şi valorificarea superioară a deşeurilor*, ROMENVIROTEC 2013, Expoziţia Internaţională de Tehnologii şi Echipamente de Protecţie a Mediului, Reciclare, Materii Prime Secundare şi Energii Alternative, Ediţia 20, ROMEXPO, 09 –12 Aprilie 2013, Bucureşti, România.

E18 Covaliu C.I., **Paraschiv G**., *Nanostuctured – an efficient solution for both environmental engineering and agriculture applications*, International symposium ISB-INMA TEH 2013, 01-03 Noiembrie 2013, UPB, București, România.

E19 Covaliu C.I., **Paraschiv G**., Matei C., *Cr (VI) ions removal from wastewater using pure and PVP/PEG coated magnetite nanoparticle*, Simpozionul internaţional "Priorităţile Chimiei Pentru o Dezvoltare Durabilă" Priochem, Ediţia a IX-a, 24 - 25 octombrie 2013, Bucureşti, România.

E20 Covaliu C.I., **Paraschiv G.**, Iovu H., *Meso-micro hierarchically ZSM-5 based nanostructure hybrids as doxorubicine carrier for cancer treatment*, 8th International Conference on Materials Science & Engineering-Bramat 2013, 28 Februarie - 2 Martie 2013, Brașov, România.

E21 **Paraschiv G**., Covaliu C.I., *Multifunctional maghemite and poly-DL-alanine based core-shell magnetic nanohybrids for environmental protection and biomedicine applications*, 8th International Conference on Materials Science & Engineering - Bramat 2013, 28 Februarie - 2 Martie 2013, Brașov, România.

E22 Dilea M., Toma L., **Paraschiv G.**, *Influenţa metalelor grele asupra procesului de fermentare anaerobă*, Workshop-Digestia Anaerobă şi Biogaz (Proiect FARMAGAS), 27 - 28 Septembrie 2010, Bucureşti, România.

E23 **Paraschiv G.**, Toma L., Dilea M., *Tehnici de obţinere a biogazului în România*, Conferinţa "Biogazul în România", ENREG 2009 Energia Regenerabilă, 26 Martie 2009, Arad.

E24 **Paraschiv G.**, Toma L., Dilea M., *Influenţa pH-ului şi a temperaturii asupra procesului de obţinere a biogazului în România*, Conferinţa "Biogazul in România", ENREG 2009 Energia Regenerabilă, 26 Martie 2009, Arad.

E25 **Paraschiv G.**, Popa L., Nedelcu A., Atanasescu A., *Noile tehnologii de fertilizare cu îngrăşăminte organice solide, aplicabile în România*, International Symposium Trends in European Agriculture Development, Mai 15-16, 2008, Timişoara, România.

E26 Biriș S.Șt., **Paraschiv G.**, Bungescu S., Vlăduț V., Gafiteanu D., *Cercetări privind utilizarea trupiţei cu antecormană în construcția plugurilor*, International Symposium Trends in European Agriculture Development, Mai 15-16, 2008, Timişoara, România.

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