

Concurs pentru ocuparea postului poz.6 , de Profesor
 Departamentul de Inginerie Chimica,
 Facultatea INGINERIE CHIMICĂ ȘI PROTECȚIA MEDIULUI “ Cristofor Simionescu”
 Disciplinele: Modelarea si Proiectarea Reactoarelor Chimice, 2
 Procedee Necatalitice Eterogene Gaz-Lichid
 Procedee Necatalitice Eterogene Solid-Fluid
 Domeniul Inginerie Chimica
 Post publicat în Monitorul Oficial al României Partea a III-a nr. 1400 din 26.11.2019

LISTA DE LUCRĂRI

Candidat: **HARJA Gh. MARIA Dr./** din 2000, Funcția actuală: Conferențiar dr. Habil.Ing., Data numirii în funcția actuală: 30.09.2013.

1^o Teza de doctorat (T1, T2)

Titlul tezei: **Contribuții la modelarea proceselor dizolvare – reacție gaz-lichid**, susținută public 2.12.1999
 Instituție: Universitatea Tehnică “Gheorghe Asachi” din Iași
 Titlul: DOCTOR în Chimie, Diploma seria A nr. 0004014, ordinul Ministerului Educației Naționale 3337/08.03.2000, conducator științific. Prof.dsr.ing. Siminiceanu Ilie

Teza de abilitare - Valorificarea avansată a cenușii de termocentrală cu obținerea de noi materiale, susținută în martie 2016 – numire nr. 3980/07.06.2016

2^o Cărți/ cursuri/ manuale publicate în edituri recunoscute din țară sau din străinătate (Ca1, Ca2 etc.), îndrumare publicate/culegeri de probleme (I1, I2 etc.), sisteme de laborator funcționale etc. (D1, D2 etc.) cursuri proprii pe Web, sisteme e-learning etc. (W1, W2 etc.), după caz, precum și alte lucrări (M1, M2 etc.) prin care se aduc contribuții la dezvoltarea activităților didactice/ profesionale.
cursuri/ manuale publicate în edituri recunoscute din țară sau din străinătate (Ca1, Ca2 etc.), îndrumare publicate/culegeri de probleme (I1, I2 etc.), sisteme de laborator funcționale etc. (D1, D2 etc.) cursuri proprii pe Web, sisteme e-learning etc. (W1, W2 etc.), după caz, precum și alte lucrări (M1, M2 etc.) prin care se aduc contribuții la dezvoltarea activităților didactice/ profesionale.

	Capitol carte/ curs/ manual publicat în străinătate	Punct aj
Ca	Cac1 "Zeolites - Useful Minerals", book, Chapter 3 Synthesis of Zeolite from Fly Ash and their Use as Soil Amendment, Harja M. , Cimpeanu S. M., Dirja M. and Bucur D., edited by Claudia Belviso, InTech, London, pp. 43-66. ISBN 978-953-51-2577-8, Print ISBN 978-953-51-2576-1, Published: August 24, 2016 under CC BY 3.0 license. DOI: 10.5772/64126	0.432
	Cac2 , Preparation and Properties of Ceramic Materials from Coal Fly Ash, Kotova O., Ignatiev G., Shushkov D., Harja M. , Broekmans M, Jan 2020, Minerals: Structure, Properties, Methods of Investigation pp 101-107, Springer Proceedings in Earth and Environmental Sciences book series (SPEES), DOI:10.1007/978-3-030-00925-0_16	0.100
	...	
	Carte/ curs/ manual publicată în editură recunoscută CNCS	
	Ca1 Harja M. , Modelarea și proiectarea reactoarelor chimice. Reactoare gaz-lichid, Editura Ecozone, Iași, ISBN 978-606-8625-18-8, 191 pag, 2019	9.55
	Ca2 Harja M. , Szep Al., Procese necatalitice eterogene solid-fluid, note de curs, Editura Ecozone, Iași, ISBN 978-973-7645-95-1, 269 p, 2013	6.725
	Ca3 Harja M. , Tataru-Fărnuș R.-E., Ingineria produselor fertilizante anorganice, note de curs, Iași, PIM, 2019 , ISBN , 250p	6.25
	Ca4 Petrescu S., Harja M. , Reactoare chimice pentru sisteme eterogene, Casa de Editură Venus, Iași, ISBN 973-756-044-2; 978-973-756-044-5, 294 pag, 2006	7.35
	Ca5 Rusu L., Harja M. , Procese unitare chimice și biochimice, I. Procese unitare chimice, Ed. PIM, Iași, ISBN 978-973-716-744-6 și ISBN 973-716-745-7, p 321, 2007	8.025

	Ca6 Ciobanu G., Ghenghea L.D., Cârjă G., Harja M. , <i>Materiale avansate – Zeoliți cristalini microporoși de tip SAPO – n</i> ; Editura CERMI Iași, ISBN-10 973-667-192-5; ISBN-13 978-973-667-192-0; 220 pag, 2006	2.75
	Ca7 Istrati L., Harja M. , <i>Biotehnologii în protecția mediului</i> , Ed. Tehnica – Info Chișinău, Republica Moldova, ISBN 9975-63-147-7, 265 pag, 2006	6.625
	Ca8 Harja M. , Balasanian I., <i>Termoenergetică chimică</i> , Ed. Ecozone, Seria Inginerie Chimică și Protecția Mediului, Iași, ISBN 973-7645-29-4, 269 pag, 2006	6.725
	Capitol curs/ manual publicat în editură recunoscută CNCS	
	Cac3 Harja M. and Barbuta M., <i>Current topics, concepts and research priorities in environmental chemistry</i> , Chapter - <i>Pollutants from power plants and its effect</i> , Ed. Univ Al. I. Cuza Iași, vol. II, 2013, 16 p	0.288
	Cac4 Barbuta M. and Harja M. , <i>Current topics, concepts and research priorities in environmental chemistry</i> , Chapter 5 - <i>Environmental changes caused by the building materials industry</i> , Ed. Univ Al. I. Cuza Iași, ISBN 978-973-703-797-8 (general) and 978-973-703-798-5 vol. I, p. 109-124, 2012	0.288
	Îndrumar/ culegere de probleme (publicat sau disponibil pe Web)	
	I1 Harja M. , <i>Procedee necatalitice. I. Gaz-lichid. II. Solid-fluid- îndrumar de laborator</i> , Ed. Ecozone, Iasi, 2019, 122 p	4.88
	I2 Harja M. , Tataru-Farmus R.E., <i>Modelarea și proiectarea reactoarelor chimice - Îndrumar de laborator</i> , Editura Performantica, Iași, 2012, 126p, ISBN 978-973-730-977-8	2.52
	I3 Harja M. , Szep Al., Lazar L., Apostolescu N., <i>Ingineria Produselor Anorganice – săruri anorganice</i> , Editura Ecozone, Iasi, 2013, 209 p, ISBN 978-973-7645-93-	2.09
	I4 Tataru-Fărnuș R.-E., Harja M. , Lazăr L., Apostolescu N., <i>Ingineria produselor fertilizante anorganice: îndrumar de laborator</i> , Iași, Ecozone, 2017, ISBN 978-606-8625-13-3, 263 p	2.63
	I5 Szep Al. și Ivaniciuc M. , <i>Tehnologia sărurilor anorganice, îndrumar de laborator</i> , Lit.Univ. Tehnice "Gh. Asachi" Iași, 1998, 197 pag.	3.94
	Sisteme de laborator funcționale	
	D1 Studiul cineticii procesului de adsorbție a SO ₂ în strat fix de granule de calcar	2
	D2 Determinarea experimentală a factorului de accelerare pentru adsorbția SO ₂ în suspensii de CaCO ₃	2
	D3 Studiul hidrodinamicii reactoarelor trifazice: solid-lichid-gaz	2
	D4 Determinarea factorului de accelerare în soluții activate de carbonat de potasiu, folosind un reactor cu barbotare	2
	D5 Modelarea reactoarelor de descompunere a rocilor calcareoase în strat mobil	1.5
	D6 Simularea procesului de absorbție a CO ₂ în soluții Carsol	1.5
	D7 Analiza unei instalații de tratare a apelor utilizând programul STOAT	1.5
	...	
	Utilizarea sistemelor de predare/ învățare/ evaluare de tip e-learning/ on-line/ multimedia etc.	
	Wa1 Harja M. , Modelarea și proiectarea reactoarelor chimice, 2 – curs pdf http://www.didactic.icpm.tuiasi.ro/cv/harjamaria/pdf/wa1_2019_mprc%202_curs_web.pdf	1
	Wa2 Harja M. , Modelarea și proiectarea reactoarelor chimice, 2 lab pdf http://www.didactic.icpm.tuiasi.ro/cv/harjamaria/pdf/wa2_2019_mprc2_lab.pdf	1
	Wa3 Harja M. , Procese necatalitice eterogene solid-fluid, curs, 123 p., http://www.didactic.icpm.tuiasi.ro/cv/harjamaria/pdf/wa3_2019_pne-sf%20note%20de%20curs.pdf	1
	Wa4 Harja M. , Procese necatalitice eterogene solid-fluid, lucrări practice, Iași, 50 p., http://www.didactic.icpm.tuiasi.ro/cv/harjamaria/pdf/wa4_pne%20sf%20lab.pdf	1
	Wa5 Harja M. , Procese necatalitice eterogene gaz-lichid, curs, 100 p., http://www.didactic.icpm.tuiasi.ro/cv/harjamaria/pdf/wa5_pne%20g-l.pdf	1
	Wa6 Harja M. , Ingineria produselor anorganice, 2- note de curs, 86 p., http://www.didactic.icpm.tuiasi.ro/cv/harjamaria/pdf/wa6_ipa2_curs.pdf	1
	Wa7 Harja M. , Ingineria produselor anorganice, 2 - lucrări practice, 45 p. http://www.didactic.icpm.tuiasi.ro/cv/harjamaria/pdf/wa7_ipa2_lab.pdf	1
	Support de prezentare/ instruire text/ video/ audio/ ppt a disciplinei	
	Wp1 Harja M. , Procedee necatalitice eterogene solid-fluid, note de curs, http://www.didactic.icpm.tuiasi.ro/cv/harjamaria/pdf/wp_1_pne_sf_presentation.pdf	1
	Wp2 Harja M. , Modelarea și proiectarea reactoarelor chimice, 2 note de curs,	1

	http://www.didactic.icpm.tuiasi.ro/cv/harjamarja/pdf/wp_2_mprc_curs.pdf	
	Wp3 Harja M. , Procedee necatalitice eterogene gaz-lichid, note de curs http://www.didactic.icpm.tuiasi.ro/cv/harjamarja/pdf/wp_3_procedee%20necatalitice%20gaz-lichid.pdf	1
	Wp4 Harja M. , Tehnologia materialelor de construcții, note de curs http://www.didactic.icpm.tuiasi.ro/cv/harjamarja/pdf/wp_4_tmc_curs_presentation.pdf	1
	Wp5 Harja M. , Ingineria produselor anorganice, 2 - note de curs http://www.didactic.icpm.tuiasi.ro/cv/harjamarja/pdf/wp_5_ipa2_presentation.pdf	1
	Total	95,668

3^o Cărți/ capitole cărți de specialitate publicate în edituri recunoscute din țară sau din străinătate (Cb1, Cb2 etc.), articole/ studii publicate în reviste din țară/ străinătate, cu factor de impact/ indexate în BDI/ neindexate în BDI (R1, R2 etc.), brevete de invenție (B1, B2 etc.), creații artistice prezentate la manifestări recunoscute din țară/ străinătate (A1, A2 etc.), articole/ studii publicate în volumele manifestărilor științifice naționale/ internaționale indexate BDI/ neindexate BDI (V1, V2 etc.), după caz, precum și alte lucrări (N1, N2 etc.) prin care se aduc contribuții științifice la dezvoltarea domeniului.

	Carte de specialitate publicată în editură din străinătate	Punctaj
	Carte de specialitate/ capitol publicat în editură din țară, recunoscută CNCS	
Cb	Cb1 Harja M. , Ciocîntă R. C., Sinteza și caracterizarea carbonatului de calciu utilizat ca material de umplură în industria hârtiei, Editura Performantica, Iași, ISBN 978-973-730-783-5, 175 p, 2010	7
	Cb2 Barbuta M., Harja M. , <i>Polymer concrete</i> , Ed. Politehniun, Iași, 2009 , p. 186, ISBN 978-973-621-268-0.	8.92
	Cb3 Barbuta M., Gavrilă C, Harja M. <i>Elemente din beton polimeric</i> , Ed. Politehniun, Iași, 2009 , p. 120, ISBN978-973-621-267-3	3.2
	Cb4 Harja M. , Istrati L. și Smocot R., Tehnologia lianților anorganici, Ed. Tehnică, Științifică și Didactică CERMI, Iași, ISBN973-667-004-x, 2003, 267 pag..	7.12
	Cb5 Harja M. și Ciobanu G. , Materiale compozite anorganice, Ed. Matrix Rom, București, 194 p, ISBN 973-685-701-8, 2004, 194 pag.	7.76
R	Articol publicat în revistă cotate ISI, cu factor de impact	
	R1 Bismuth-Doped Nanohydroxyapatite Coatings on Titanium Implants for Improved Radiopacity and Antimicrobial Activity , Ciobanu G., Harja M. , <i>Nanomaterials</i> 2019, 9, 1696., doi:10.3390/nano9121696	3
	R2 Clay- and zeolite-based biogeosorbents: modelling and properties , Shchemelinina T., Gömze L., Kotova O., Ibrahim J.E., Shushkov D., Harja M. , Ignatiev G., Anchugova E., <i>Építőanyag – Journal of Silicate Based and Composite Materials</i> , Vol. 71, No. 4 (2019), 131–137. p. https://doi.org/10.14382/epitoanyag-jsbcm.2019.23	0,75
	R3 Comparative study between flocculation-coagulation processes in raw/wastewater treatment , Litu L., Ciobanu G., Cimpeanu S.M., Kotova O., Ciocinta R., Bucur D., Harja M. , <i>AgroLife Scientific Journal</i> , 8, 1, 139-145, 2019	0.85
	R4 New TiO2-Ag nanoparticles used for organic compound degradation , Gómez de Castro C., Nuțescu Duduman C., Harja M. , Lutić D., Juzsakova T., Cretescu I., <i>Environmental Engineering and Management Journal</i> , 18, 8, 1755-1763, 2019	1
	R4 New approaches in modeling and simulation of CO2 absorption reactor by activated potassium carbonate solution , Harja M. , Yuzhakova T., Cretescu I., Ciobanu G., <i>Processes</i> , 7(2), 78, 1-19, 2019	1.5
	R6 Cerium-doped hydroxyapatite/collagen coatings on titanium for bone implants , Ciobanu G., Harja M. , <i>Ceramics International</i> , 45(2), 2852–2857, 2019	3
	R7 Studies on the sorption of levofloxacin from aqueous solutions onto nanohydroxyapatite , Ciobanu G., Harja M. , <i>Revue Roumaine de Chimie</i> , 63(7-8), 593-601, 2018	3
	R8 Synthesis and characterisation of a binder cement replacement based on alkali activation of fly ash waste , Cretescu I., Harja M.* , Teodosiu C.*, Isopescu D. N., Chok M.F., Sluser B. M., Mohd Salleh M.A., <i>Process Safety and Environmental Protection</i> , 119, 23–35 2018	0.85
	R9 The enhancement factor approach for chemisorption process , Harja M. , Ciobanu G., Rusu L., Lazar L., <i>Environmental Engineering and Management Journal</i> , 15, 7, 813-820, 2018	1.5

R10 <i>Preparation and characterisation of nanocomposite material based on TiO₂-Ag for environmental applications</i> , Nuțescu Duduman C., Gómez de Salazar y Caso de Los Cobos J.M., Harja M. , Barrena Pérez M.I., Gómez de Castro C., Cretescu I., Environmental Engineering and Management Journal, 15, 7, 925-936, 2018	1
R11 <i>Studies on adsorption of oxytetracycline from aqueous solutions onto hydroxyapatite</i> , Harja M. , Ciobanu G., Science of the Total Environment 628–629, 36–43, 2018	3
R12 <i>Studies regarding photocatalytic degradation of two different organic compounds</i> , Sescu A. M., Favier L., Ciobanu G., Cimpeanu S. M., Teodorescu R. I., Harja M. , Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. VII, 74-77, 2018	1
R13 <i>Application of sol-gel method for synthesis of Ni(OH)₂ and NiO nanoparticles</i> , Nutescu Duduman C., Gómez de Castro C., María Gómez de Salazar J., Ciobanu G., Cimpeanu C., Harja M. , Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. VII, p. 78-81, 2018	1
R14 <i>Biomimetic hydroxyapatite-silver coatings on titanium surfaces</i> , Ciobanu G., Harja M. , Rusu L., Revue Roumaine de Chimie, 62(4-5), 449-454, (2017)	2
R15 <i>Assessment of groundwater and surface water contamination by landfill leachate: a case study in Neamt County</i> , Rusu L., Suceveanu M., Șuteu D., Favier L., Harja M. , Environmental Engineering and Management Journal, 16, 3, 633-641, 2017	1.2
R16 <i>New adsorbent materials on the base of ash and lime for lead removal</i> , Harja M. , Kotova O., Ciobanu G., Litu L., SIMI 2017, 2017, 69-76, DOI: 10.21698/simi.2017.0009	1.5
R17 <i>Power plant wastes capitalization as geopolymeric building materials</i> , Ciobanu G., Litu L., Harja M.* , Book Series: E3S Web of Conferences, 22, UNSP 00031, 2017	2
R18 <i>Removal of oxytetracycline from aqueous solutions by hydroxyapatite as a low-cost adsorbent</i> , Harja M. , Ciobanu G., Book Series: E3S Web of Conferences, 22, UNSP 00062, 2017	3
R19 <i>Retention of barium and europium radionuclides from aqueous solutions on ash-based sorbents by application of radiochemical techniques</i> , Noli F., Kapnisti M., Harja M. , Buema G., Applied Radiation and Isotopes, 116, 102-1009, 2016	1.5
R20 <i>Retention of cesium from aqueous solutions using synthetic zeolites produced from power plant ash</i> , Noli F., Buema G., Misaelides P., Harja M. , Journal of Radioanalytical and Nuclear Chemistry, 309(2), 589-596, 2015	1.5
R21 <i>Kinetic and equilibrium studies on adsorption of Reactive Blue 19 dye from aqueous solutions by nanohydroxyapatite adsorbent</i> , Ciobanu G., Barna S., Harja M. , Archives of Environmental Protection, 309:589–596, 2016	2
R22 <i>Advanced oxidation process for the removal of chlorinated phenols in aqueous suspensions</i> , Favier L., Harja M. , Simion A.I., Kadmi Y., Pacala M. L., Rusu L., Bouzaza A., Journal of Environmental Protection and Ecology, 17(3), 1132-1141, 2016	0.85
R23 <i>Pesticide residues contamination of milk and dairy products. A case study: Bacău district area, Romania</i> , Rusu L., Harja M. , Suteu D., Dabija A., Journal of Environmental Protection and Ecology, 17, 3, 1229–1241, 2016	1.5
R24 <i>Removal of Zn(II) ions from aqueous media on thermal activated sawdust</i> , Nacu G., Bulgariu D., Popescu M.C., Harja M. , Juravle D.T., Bulgariu L., Desalination and Water Treatment, 57(46), 21904-21915, 2016	1
R25 <i>Synthesis of Zeolite from Fly Ash and their Use as Soil Amendment</i> , Harja M., Cimpeanu S.M., Dirja M., ZEOLITES - USEFUL MINERALS Pages: 43-66 Published: 2016	1.5
R26 <i>Removal of cadmium(II) from aqueous solution by adsorption onto modified algae and ash</i> , Harja M. , Buema G., Bulgariu L., Bulgariu D., Sutiman D. M., Ciobanu G., Korean Journal of Chemical Engineering, 32(9), 1804-1811, 2015	1
R27 <i>A low-cost sorbent for removal of copper ions from wastewaters based on sawdust/fly ash mixture</i> , Cretescu I., Soreanu G., Harja M* , International Journal of Environmental Science and Technology, 12, 6, 1799-1810, 2015	2
R28 <i>A new strategy for pentachlorophenol monitoring in water using ultra-high-performance liquid chromatography-tandem mass spectrometry</i> , Kadmi Y., Favier L., Harja M. , Simion A. I., Rusu L., Wolbert D., Environmental Engineering and Management Journal, 14, 3, 567-574, 2015	1
R29 <i>New materials synthesized from ash under moderate conditions for removal of toxic and radioactive metals</i> , Noli F., Buema G., Misaelides P., Harja M. , Journal of Radioanalytical and Nuclear Chemistry, 303, 3, 2303-23011, 2015	1.5
R30 <i>Removal of Astrazone blue from aqueous solutions onto brown peat. Equilibrium and kinetics studies</i> , Rusu L., Harja M. , Simion A. I., Suteu D., Ciobanu G., Favier L., Korean Journal of Chemical Engineering, 31(6), 1008-1015, 2014	1

R31 <i>Acid Black 172 dye adsorption from aqueous solution by hydroxyapatite as low-cost adsorbent</i> , Ciobanu G., Harja M. , Rusu L., Mocanu A. M., Luca C., Korean Journal of Chemical Engineering, 31(6), 1021-1027, 2014	1.2
R32 <i>Neuro-evolutionary optimization methodology applied to the synthesis process of ash based adsorbents</i> , Curteanu S., Buema G., Piuleac C.G., Sutiman D. M., Harja M* , Journal of Industrial and Engineering Chemistry, 20, 2, 597-604, 2014	1.2
R33 <i>Red and brown peat use in removing pollutants from municipal and industrial wastewater</i> , Rusu L., Harja M. , Munteanu C., Ciobanu G, Suteu D., Journal of Environmental Protection and Ecology, 15, 4, 1690-1699, 2014	1.2
R34 <i>Uranium removal from aqueous solutions by raw- and modified power plant ash</i> , Buema G., Noli F., Misaelides P., Sutiman D. M., Cretescu I., Harja M. , Journal of Radioanalytical and Nuclear Chemistry, 299, 1, 381–386, 2014	1
R35 <i>Prediction of mechanical Properties of Polymer Concrete with tyre rubber Using Neural Networks</i> , Diaconescu R.M., Barbuta M. and Harja M.* , Materials Science and Engineering B-Advanced Functional Solid-State Materials, 178, 1259-1267, 2013	2
R36 <i>Obtaining and utilization of cellulose fibers with in-situ loading as additive for printing paper</i> , Fortuna M.E., Harja M.* , Bucur D., Cimpeanu S. M., Materials, 6, 4532-4544, 2013	1.5
R37 <i>Removal of Reactive Blue 204Dye from Aqueous Solutions by Adsorption onto Nanohydroxyapatite</i> , Ciobanu G. Ilisei S., Harja M* , Luca C., Science of Advanced Materials, 5, 8, 1090-1096, 2013, ISSN 1947-2935	1.5
R38 <i>Removal of heavy metals ions removal from aqueous solutions using low-cost adsorbents obtained from ash</i> , Harja M. , Buema G., Sutiman D. M., Cretescu I., Chemical Papers, 67, 5, 497–508, 2013	1.5
R39 <i>Behavior of short hybrid concrete columns under eccentric compression</i> , Barbuta M., Toma I.O., Harja M. , Toma A.M., Gavrilioia C., Archives of Civil and Mechanical Engineering, 13, 1, 119-127, 2013	1.2
R40 <i>Optimization of the conditions for conversion of ash into zeolite materials</i> , Ciocinta R.C., Harja M. , Bucur D., Buema G., J. Food, Agriculture & Environment, 11(1), 1108-1012, 2013.	1.5
R41 <i>Lead removal from aqueous solution by bottom ash</i> , Buema G., Cimpeanu M.S., Sutiman D., Rusu L., Crețescu I., Ciocintă R. C., Harja M. , Journal of Food, Agriculture & Environment, 11(1), 1137-1141, 2013	0.85
R42 <i>Hazardous and harmful substances in sediments of the Jegricka stream</i> , Savić R., Maksimović L., Cimpeanu S., Bucur D., Ondrašek G., Vasin J., Harja M. , Milić S., Journal of Food, Agriculture & Environment, 11, 1, 1152-1156, 2013	0.75
R43 <i>Optimization of wine Decolorization by Microfiltration on Polyurethane Membranes</i> , Cretescu I., Savin A., Cimpeanu S. M., Bucur D., Harja M. , Journal of Food, Agriculture & Environment, 11(1), 221-226, 2013	1.2
R44 <i>Low cost adsorbents obtained from ash for copper removal</i> , Harja M. , Buema G., Sutiman D.M., Munteanu C., Bucur D., Korean Journal of Chemical Engineering, 29, 12, 1735-1744, 2012	1.2
R45 <i>Fly ash-derived zeolites as adsorbents for Ni removal from waste water</i> , Harja M. , Rusu L., Bucur D., Ciocinta R.C., Revue Roumaine de Chimie, 57, 6, 587-597, 2012	1.5
R46 <i>Using Neural Networks for Prediction of Properties of Polymer Concrete with Fly Ash</i> , Bărbuță M., Diaconescu R.M., Harja M. , Journal of Materials in Civil Eng., 24, 5, 523 -528, 2012	2
R47 <i>Conversion of ash on zeolites for soil application</i> , Harja M. , Bucur D., Cimpeanu S. M., Ciocinta R. C, Journal of Food, Agriculture & Environment, 10, 2, 1056-1059, 2012	1.5
R48 <i>The influence of hydrodynamic conditions on the synthesis of ultra-thin calcium carbonate</i> , Harja M. , Cimpeanu C., Bucur R.D., Journal of Food, Agriculture & Env., 10, 2, 1191-1195, 2012	2
R49 <i>Spike yield stability in wheat grown in stress conditions of alkaline soil</i> , Petrović S., Dimitrijević M., Cimpeanu S.M., Bucur D., Gurita A.A., Harja M. , Maksimović L., Belić M., Journal of Food, Agriculture & Environment, 10, 2, 480-484, 2012	0.75
R50 <i>Homogeneous areas delimitation by considering the energy demand for plants growing in covered spaces</i> , Bucur R., Harja M. , Environmental Eng. and Management Journal, 11, 2, 253-257, 2012	3
R51 <i>Improving soil quality by adding modified ash</i> , Ciocinta R.C., Harja M* , Bucur D., Rusu L., Barbuta M., Munteanu C., Environmental Engineering and Management J., 11, 2, 297-305, 2012	1
R52 <i>Simultaneous removal of Astrazone blue and lead onto low cost adsorbents based on power plant ash</i> , Harja M. , Barbuta M., Rusu L., Munteanu C., Buema G., Doniga E., Environmental Engineering and Management Journal, 10, 3, 341-347, 2011	1
R53 <i>CaCO₃ controllable synthesis by double exchange method using CaCl₂ residual solutions</i> , Harja M. , Ciocintă R.C, Barbuta M., Rusu L., Simion A. I., Bistricianu I. L., Environmental Engineering and Management Journal, 9, 11, 1571-1577, 2010	1

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N30 <i>Advanced capitalization of hazardous wastes by a viable technology</i> , Agavriloaie O.-M, Cucos I., Harja M. , Conferința Facultății de Chimie, IașiChem 2019, http://www.chem.uaic.ro/files/File/2019-2020/zu-2019/iasichem-2019-program.pdf	0.33
N31 Comunicare <i>Ingineria chimica anorganica intre traditie si perspectivele chimiei verzi</i> , Lazar L., Harja M. , Simpozionul de Istoria Învățământului și Științelor Tehnice, o incursiune în trecutul ingineriei în România, adus la viață de „Zilele Universității” 13 noiembrie 2019	0.5
N32 <i>Synthesis, characterization and photocatalytic activity of new oxidic nanostructures</i> , Sescu A. M., Favier L., Lutic D., Ciobanu G., Harja M.* , Euroinvent, 10th European Exhibition of Creativity and Innovation, Iasi, Romania, 17-19 May 2018,	0.2
N33 <i>Contributions to process modeling in solid fluid systems</i> , Litu L., Ciobanu G., Kotova O., Harja M. , Euroinvent, 10th European Exhibition of Creativity and Innovation, Iasi, Romania, 17-19 May 2018, www.euroinvent.org	0.25
N34 <i>Modeling of CO2 absorption process in activated solutions</i> , Hultuana E., Ciobanu G., Cretescu I., Lazar L., Tataru-Farmus R.E., Harja M.* , Euroinvent, 10th European Exhibition of Creativity and Innovation, Iasi, Romania, 17-19 May 2018, www.euroinvent.org	0.166
N35 <i>New smart materials with application in medicine and environmental protection</i> , Kotova O., Harja M.* , Broekmans A.T.M. M., Gómez de Castro C., 10th European Exhibition of Creativity and Innovation, Iasi, Romania, May 2018, www.euroinvent.org	0.25
N36 <i>Comparative study between flocculation –coagulation processes in raw/wastewater treatment</i> , Litu L., Ciobanu G., Cimpeanu S.M., Kotova O., Ciocinta R., Bucur D., Harja M. , International Conference "Agriculture for Life, Life for Agriculture", Agriculture for Life, University of Agronomic Sciences and Veterinary Medicine of Bucharest, 07-09 June 2018 in Bucharest http://agricultureforlife.usamv.ro/index.php/en/	0.142
N37 <i>Application of sol-gel method for synthesis OF Ni(OH)2 and NiO nanoparticles</i> , Nuțescu Duduman C., Gómez de Castro C., Gómez de Salazar y Caso de los Cobos J. M., Ciobanu G., Cimpeanu C., Harja M. , Agriculture for Life, University of Agronomic Sciences and Veterinary Medicine of Bucharest, 07-09 June 2018 in Bucharest. http://agricultureforlife.usamv.ro/index.php/en/	0.166
N38 <i>Studies regarding photocatalytic degradation of two different organic compounds</i> , Sescu A. M., Favier L., Ciobanu G., Cimpeanu S. M., Teodorescu R. I., Harja M. , Agriculture for Life, University of Agronomic Sciences and Veterinary Medicine of Bucharest, 07-09 June 2018 in Bucharest. http://agricultureforlife.usamv.ro/index.php/en/	0.166
N39 <i>Influence des dopants sur l'activite photocatalytique du TiO2</i> , Sescu A. M., Lutic D., Favier L., Rusu L., Ciobanu G., Harja M. , Dixième Colloque Franco-Roumain de Chimie Appliquée, 27 – 29 Juin 2018, Bacău, Roumanie, COFrRoCA – 2018, http://cofroca.ub.ro/	0.166
N40 <i>Analyse thermogravimetric et modelisation cinetique du processus de decompositions des matériaux carbonates</i> , Lazăr L., Lisă G., Harja M. Dixième Colloque Franco-Roumain de Chimie Appliquée, 27 – 29 Juin 2018, Bacău, Roumanie, COFrRoCA – 2018, http://cofroca.ub.ro/	0.33
N41 <i>Analyse écotoxicologique des cendres volantes des centrales électriques à l'aide de l'allium cepa comme bioindicateur de génotoxicité</i> , Rusu L., Nicuță D., Harja M. , Șuteu D., Favier L.,	0.166

Vial C., Dixième Colloque Franco-Roumain de Chimie Appliquée, 27 – 29 Juin 2018, Bacău, Roumanie, COFrRoCA – 2018, http://cofrroca.ub.ro/	
N42 Photodegradation of Rhodamine 6g in presence of Ag/TiO ₂ photocatalyst, Harja M. , Sescu A.M., Favier L., Lutic D., Ciobanu G., SIMI-2018, Sustainable environmental technologies adminincdecoind-ro, Conference: International Symposium "The Environment and the Industry", September 20-21, 2018, Bucharest, Romania	0.2
N43 Synthesis of ZnO/CuO nanocomposites with CNF and Ag by gel sol, Nutescu Duduman C., Gómez De Salazar Y Caso De Los Cobos José M., Gómez De Castro C., Niculaua M., Ciobanu G., Harja M. SIMI-2018, Sustainable environmental technologies adminincdecoind-ro Conference: International Symposium "The Environment and the Industry", Sep 20-21, 2018	0.166
N44 Biogeosorbents for Solving Ecological Problems - Oral presentations, Shchemelinina T., Kotova O., Harja M. , Anchugova E., 5th International Conference on Competitive Materials and Technology Processes, Miskolc-Lillafüred, Hungary October 8-12, 2018 http://ic-cmtp5.eu	0.25
N45 Preparation and properties of ceramic materials from coal fly ash, Kotova O.B., Ignatiev G. V., Shushkov D.A., Harja M. , Broekmans M., Proceedings in Earth and Env. Sciences, Minerals: structure, properties, methods of investigation, 9th Geoscience Conference for Young Scientists, Ekaterinburg, Russia, Feb.5 -8, 2018/ Springer	0.2
N46 A new method of synthesis of perovskite, Dupalau D. I., Lisa G., Pui A., Apostolescu G., Harja M. , Sutiman D., Conferința Școlii Doctorale – TUIASI, 23-24 Mai, 2018, Iași, România, http://www.csd2018.tuiasi.ro/program.php	0.166
N47 Synthesis methods of nanomaterials for various applications, Sescu A. M., Harja M. , Favier L., Lutic D., Conferința Școlii Doctorale – TUIASI, 23-24 Mai, 2018, Iași, România, http://www.csd2018.tuiasi.ro/program.php	0.25
N48 Investigation on hydroxyapatite coatings formation on titanium surface, Ciobanu G., Harja M. , 8th International Conference on Advanced Concepts in Mechanical Engineering - ACME 2018 7-9 july, Iasi, http://www.mec.tuiasi.ro/acme2018/index.html	0.5
N49 Une ville propre. La récupération des déchets industriels, avec obtention de nouveaux matériaux, Maria HARJA (TUIASI), Colloque francophone international 4xCRU « Pour une vi(II)e propre » Comunicare	1
N50 Comparison between New Complex Coagulant from Fly Ash and Al/Fe Coagulants Forminte (Litu) L., Ciobanu G., Gómez De Castro C., Kotova O., Harja M. , 4th International Conference on Chemical Engineering (ICCE 2018) - Innovative materials and processes for a sustainable development. October 31 - November 2, 2018, Iasi, Romania	0.2
N51 Heterogeneous Photocatalysis for the Removal of Levetiracetam from Waste Water, using TiO ₂ , Favier L., Sescu A. M., Lutic D., Rusu L., Harja M. , 4th International Conference on Chemical Engineering (ICCE 2018) - Innovative materials and processes for a sustainable development. October 31 - November 2, 2018, Iasi, Romania	0.2
N52 Investigation of Controlling Parameters for an Efficient Elimination of an Emergent Contaminant by TiO ₂ Assisted Photo-Oxidation, Sescu A. M., Favier L., Lutic D., Rusu L., Harja M. , 4th International Conference on Chemical Engineering - Innovative materials and processes for a sustainable development. Oct.31–Nov.2, 2018, Iasi, Romania	0.2
N53 Packed Column Simulation for CO ₂ Chemisorption in Activated Solutions, Droniuc (Hultuana) E., Favier L., Rusu L., Cretescu I., Ciobanu G., Harja M. , 4th International Conference on Chemical Engineering (ICCE 2018) - Innovative materials and processes for a sustainable development. October 31 - November 2, 2018, Iasi, Romania	0.166
N54 Kinetic Modelling of Thermal Decomposition of Limestone Raw Materials Used for Inorganic Industry, Lazăr L., Lisă G., Fechet I., Harja M. , 4th International Conference on Chemical Engineering (ICCE 2018) - Innovative materials and processes for a sustainable development. October 31 - November 2, 2018, Iasi, Romania	0.25
N55 Intensification of Water Softening Process by Combination of Ultrasound and Ion Exchange Lazăr L., Bandrabur B., Harja M. , S1-P22., 4th International Conference on Chemical Engineering (ICCE 2018) - Innovative materials and processes for a sustainable development. October 31 - November 2, 2018, Iasi, Romania	0.33
N56 Synthesis method of oxide nanomaterials for different applications, Sescu A.M., Favier L., Lutic D., Ciobanu G., Harja M. , Conferința Facultății de Chimie, IasiChem 2018, 25-26 octombrie 2018, http://www.chem.uaic.ro/ro/manifestari/zu-2018.html	0.2
N57 Geopolymerization of power plant fly ash for heavy metals cementation, Popescu L.A., Ciocinta R.C., Lutic D., Ciobanu G., Cretescu I., Kotova O., Harja M. , Conf. Facultății de Chimie, IasiChem 2018, 25-26 oct. http://www.chem.uaic.ro/ro/manifestari/zu-2018.html	0.142
N58 A new filler material from advanced capitalization of waste Ivaniciuc L.G., Sutiman D., Ciobanu G., Kotova O., Gómez De Castro C., Harja M. , Conferința Facultății de Chimie, IasiChem 2018, 25-26 oct. 2018, http://www.chem.uaic.ro/ro/manifestari/zu-2018.html	0.166

N59 <i>Hydroxyapatite coatings on titanium surface</i> , Ciobanu G., Harja M. , The First International Conference on Materials, Mimicking, Manufacturing from and for Bio Application (BioM&M), 27 - 29 June 2018, Milan, Italy, http://www.biommm.org	0.5
N60 <i>Risk assessment of population exposure to heavy metals through their bioaccumulation in medicinal plants from the spontaneous flora</i> , Rusu L., Harja M. , Şuteu D., Dabija A., Symposium 'Ecology and Protection of Ecosystems' the XII th Edition, 2nd – 4th of November 2017, Bacau	0.25
N61 <i>Influence of tire waste over durability of polymer concrete</i> , Harja M. , Bucur R. D., Barbuta M., Baran I., Fourth International Conference on Advances in Civil, Structural and Environmental Engineering – ACSEE, mai 2016 – publicat in 2016	0.25
N62 <i>Hydroxyapatite-collagen-silver coatings on titanium implants by electrochemical deposition</i> , Ciobanu G., Harja M. , Ciobanu O., The 2017 E-MRS Spring Meeting and Exhibit will be held in the extended and modernized Convention Centre of Strasbourg (France), May 22 to 26, 2017	0.33
N63 <i>Removal of oxytetracycline from aqueous solutions by hydroxyapatite as low-cost adsorbent</i> , Harja M. , Ciobanu G., 1st International conference on Advances in Energy Systems and Environmental Engineering, 2-5 July, Wroclaw, Poland, 2017	0.5
N64 <i>Power plant wastes capitalization as geopolymetric building materials</i> , Ciobanu G., Litu L., Harja M. , 1st International conference on Advances in Energy Systems and Environmental Engineering, 2-5 July, Wroclaw, Poland, 2017	0.33
N65 <i>Synthesis and characterisation of fly ash-based geopolymer cement using a Romanian by-product from thermal power plant</i> , Chok M. F., Creţescu I., Teodosiu C., Isopescu D. N., Harja M. , Sluser B. M., Mohd Salleh M.A., 9th International Conference on Environmental Engineering and Management, ICEEM09, in in 6-9 September Bologna, Italy, 2017	0.142
N66 <i>New TiO2-Ag nanoparticles used for organic compound degradation</i> , Gómez de Castro C., Nuţescu Duduman C., Harja M. , Lutic D., Juzsakova T., Cretescu I., 9th International Conference on Environmental Engineering and Management, ICEEM09, in 6-9 September, Bologna, Italy, 2017	0.166
N67 <i>Thermal analysis of geopolymetric/zeolitic materials synthesised from power plant fly ash</i> , Harja M. , Ciobanu G., Lisa G., 4th Central and Eastern European Conference on Thermal Analysis & Calorimetry (CEEC-TAC4) in Chisinau – Moldova, 28-31 August 2017	0.33
N68 <i>Cerium-doped hydroxyapatite/collagen coatings on titanium implants</i> Ciobanu G., Harja M. , 4th Central and Eastern European Conference on Thermal Analysis & Calorimetry, (CEEC-TAC4) in Chisinau – Moldova, 28-31 August 2017	0.5
N69 <i>Removal of salicylic acid from aqueous solution by adsorption onto nanohydroxyapatite</i> , Ciobanu G., Harja M. , Fourth International Conference “New trends in environmental and materials engineering” (TEME), 25-27 October 2017, Galaţi, Romania	0.5
N70 <i>Comparative study regarding retention of zinc ions by different ion exchange resins</i> , Harja M. , Ciobanu G., Kotova O., Fourth International Conference “New trends in environmental and materials engineering” (TEME), 25-27 October 2017, Galaţi, Romania	0.33
N71 <i>New adsorbent materials on the base of ash and lime for lead removal</i> , Harja M. , Kotova O., Ciobanu G., Litu L., 20th International Symposium “The environment and the industry” SIMI 2017, Bucharest, Romania, September 28-29, 2017	0.25
N72 <i>Water desalination by mixed-matrix membranes based on chitosan and nanohydroxyapatite</i> , Ciobanu G., Harja M. , 20th International Symposium “The environment and the industry” SIMI 2017, Bucharest, Romania, September 28-29, 2017	0.5
N73 <i>Adsorption of direct green 6 dye onto modified power plant ash</i> , Kotova O., Samuil C., Ciocinta R. Ciobanu G., Harja M. , “USAMV Iasi Open Days” Iasi, Romania, October 2017	0.2
N74 <i>Modelling of photocatalytic degradation processes of organic compounds in presence of TiO2</i> , Sescu A.M., Favier L., Harja M. , Ciobanu G., IaşiChem2017, Chemistry Conference, 26-28 October 2017, Iaşi, Romania	0.25
N75 <i>Reducing the energy consumption for anodizing process of aluminium alloys</i> , Lazar L., Droniuc (Hultuana) E., Harja M. , IaşiChem2017, Chemistry Conference, 26-28 October 2017, Iaşi, Romania	0.33
N76 <i>Materiale geopolimerice, inlocuitor de ciment – reduceri insemnate de materiale si energie. Geopolymetric materials, cement replacement - significant material and energy saving</i> , Harja M. , Ciobanu G., Kotova O., Cretescu I., Invent-Invest 2017, 12-15 nov. 2017, Ungheni, R. Moldova	0.25
N77 <i>Nanotuburi pe baza de minerale naturale şi sintetizate - noi tendinţe ale nanotehnologiei materialelor creative pentru industrie (purificarea apei, medicină, dializa, sângeului, ceramică etc.)</i> , Kotova O., Harja M. , Kotova E., Ponoryadov A., Nanotubes on the base of natural and synthesized minerals - new trends of nanotechnology of creative materials for industry (water purification, medicine, dialysis of blood, ceramics, etc.), invent-Invest 2017, nov. 2017, Ungheni, R. Moldova	0.25
N78 <i>Risk assessment of population exposure to heavy metals through their bioaccumulation in</i>	0.25

<i>medicinal plants from the spontaneous flora</i> , L. Rusu, M. Harja , D.Şuteu, A. Dabija, Symposium 'ecology and protection of ecosystems' the XII th edition, November 2017, Bacau, Romania	
N79 <i>Geopolymeric eco-materials for soil remediation</i> , Harja M. , Ciobanu G., Rusu L., Bucur D., Cretescu I., Certitudini si incertitudini in cercetarea si utilizarea resurselor de apa subterana" CIC-RAS-2016, Sept. Iasi, 2016.	0.2
N80 <i>Nou procedeu de modificare a cenusii de termocentrala in vederea obtinerii unui adsorbant cu capacitate maxima de adsorbtie</i> , Harja M. , Cretescu I., Buema G., Noli F., INVENT – INVEST, Iasi 2016	0.25
N81 <i>Low-cost adsorbents from power plant ash and its applications</i> , Harja M. , Ciobanu G., Favier L., Rusu L., Lazar L., 3rd International Conference on Chemical Engineering, "Innovative Materials and Processes" Romania, Iasi, 09 – 11 November 2016	0.2
N82 <i>The enhancement factor approach for chemisorption process</i> , Harja M. , Ciobanu G., Rusu L., Lazar L., 3rd International Conference on Chemical Engineering, "Innovative Materials and Processes" Romania, Iasi, 09 – 11 November 2016	0.25
N83 <i>Preparation and characterisation of nanocomposite material based on TiO₂-Ag for environmental applications</i> , C. Nuţescu Duduman, J.M. Gómez de Salazar y Caso de Los Cobos, M. Harja , M.I. Barrena Pérez, C. Gómez de Castro, I. Cretescu, 3rd International Conference on Chemical Engineering, "Innovative Materials and Processes" Romania, Iasi, November 2016	0.166
N84 <i>Pesticide residues contamination of milk and dairy products. A case study: Bacau district area, Romania</i> , Rusu L., Harja M. , Suteu D., Simion A., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, October 22- 25, 2015, Iasi, pp 127-128	0.25
N85 <i>Advanced oxidation process for the removal of chlorinated phenols in aqueous suspensions</i> , Favier L., Harja M. , Simion A.I., Kadmi Y., Pacala M. L., Rusu L., Bouzaza A., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture October 22- 25, 2015, Iasi, pp 102-103	0.142
N86 <i>The levels of radionuclides and heavy metals in milk and dairy products from Romania: monitoring and risk assessment</i> , Rusu L., Harja M. , Suteu D., Favier L., Dabija A., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture October 22- 25, 2015, Iasi, pp 129-130	0.2
N87 <i>The use of nanohydroxyapatite for improving the management of water resources</i> , Ciobanu G., Harja M. , Barbuta M., Rusu L., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, October 22- 25, 2015, Iasi, pp 86-87	0.25
N88 <i>Development of a novel and environmentally friendly method for the analysis of an emerging class of nitrogenous disinfection by-products from various aqueous samples</i> , Kadmi Y., Favier L., Simion A.I., Harja M. , Belkheiri D., Wolbert D., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, October 22- 25, 2015, Iasi, pp 104-105	0.166
N89 <i>Risk assessment of population exposure to organochlorine pesticides through milk in Bacau area, Romania</i> , Rusu L., Harja M. , Suteu D., Favier L., Dabija A., Symposium 'Ecology and Protection of Ecosystems' XI Th Edition, 5 – 7 of Nov. 2015, Bacau, Romania	0.2
N90 <i>Mechanical properties of fly ash polymer concrete with different fibers</i> , Barbuta M., Harja M. , Rujanu M. Bucur R., Teodorescu R.I., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, October 22- 25, 2015, Iasi, pp 33-34	0.2
N91 <i>Study of modified waste ash as low cost sorbent in a food chain framework</i> Harja M. , Ciobanu G., Favier L., Rusu L., Barbuta B., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, October 22- 25, 2015, Iasi, pp 133-134	0.2
N92 <i>Optimization of composition of epoxy polymer concrete with glass fibers</i> , Barbuta M., Harja M. , Dragoi E.-N., Curteanu S., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, October 22- 25, 2015, Iasi, pp37-38	0.25
N93 <i>Influence of tire waste over durability of polymer concrete</i> , Harja M. , Barbuta M., Baran I., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, October 22- 25, 2015, Iasi, pp 39-40	0.33
N94 <i>Assessment of groundwater and surface water contamination by landfill leachate: a case study in Neamţ county</i> , Rusu, L., Suceveanu, M., Şuteu, D., Favier, L., Harja, M. , International Conference Environmental Engineering and Management (ICEEM 08/015), sept 2015, Iasi	0.2
N95 <i>New geopolymeric eco-materials</i> , Harja M. , Barbuta M., Serbanoiu A. A., Ciobanu G., Favier L., Bucur D., 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, October 22- 25, 2015, Iasi, pp 45-46	0.166
N96 <i>Copper removal: kinetic and thermodynamic study</i> , Buema G., Cimpeanu M. S., Sutiman D. M., Bucur D., Ciocinta R.C., Harja M. , Agriculture For Life International Conference, 2014, Buc.	0.166
N97 <i>A European project for training in the area of health care and food supplements</i> , Ciobanu G., Harja M. , Barna, S., Lazarov, A., Ciobanu, O., The 10th eLearning and Software for Education Conference - eLSE 2014 - Bucharest, April 24th - 25th, 2014	0.2

	N98 <i>Fly ash-derived zeolites as adsorbents for pollutant removal from wastewater</i> , Rusu L., Harja M., Second International Conference on Natural and anthropic risks ICNAR2014, 4-7 June, 2014, Bacau, Romania	0.5
	N99 <i>An Overview on Assistive Technology Training Courses for Salespersons</i> , Ciobanu G., Harja M. and Ciobanu O., 6th International Conference on Advanced Concepts in Mechanical Engineering June 12-13, 2014, Iași, Romania	0.5
	N100 <i>A new strategy for pentachlorophenol monitoring in water using ultra-high-performance liquid chromatography-tandem mass spectrometry</i> , Kadmi Y., Favier L., Simion A., Rusu L., Harja M., Wolbert D., 2nd International Conference on Chemical Engineering, Romania, Iasi, November 5 - 8, 2014	0.166

4. Proiecte de cercetare-dezvoltare (P1, P2 etc.) pe bază de contract/ grant, precum și alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz, prin care se aduc contribuții la dezvoltarea mediului educațional/ cultural/ economic/ social etc.

	Proiecte/ Contracte/ Granturi de cercetare-dezvoltare câștigate prin competiție internațională	Punctaj
	P1 ERANET, nr. 107 / 01.05.2019, <i>Reducerea decalajului dintre cerere și oferta în cadrul ciclului hidrologic prin acțiuni armonizate pentru realizarea unui management durabil al resurselor de apă</i> , Director proiect Igor Cretescu, Horizont 2020, 01.05.2019 - 30.10.2021; 2019 – 128150 lei ; 2020 – 134000 lei și 2021 – 64073 lei, total- 326223 lei – 7 membri	-
	P2 ERASMUS+ Project - <i>Mobile youth peer mentoring application to facilitate distance mentoring guidance for youth with disabilities</i> – MYPEERMENTOR (2017-1-TR01-KA205-039752) 2017-2019 – în 2018-7726,63/an E, director Ciobanu G. – 10 membri	1.964
	P3 ERASMUS+ Project - <i>Mobile youth peer mentoring application to facilitate distance mentoring guidance for youth with disabilities</i> – MYPEERMENTOR (2017-1-TR01-KA205-039752) 2017-2019 – în 2017- 7726.63 E, director Ciobanu G.– 10 membri	2.16
	P4 Leonardo daVinci - <i>Launcing of Sector Alliance for Taining &Apprenticeship of Health Care and Food Supplements Salespersons H-CARE</i> – 24950 E, 2014-2016, director Ciobanu G. suma 2016- 12927-12 membri	1.105
	P5 Leonardo daVinci - <i>Launcing of Sector Alliance for Taining &Apprenticeship of Health Care and Food Supplements Salespersons - H-CARE</i> – 24950 E, 2014-2016, director Ciobanu G. – suma 2015- 12927- 12 membri	1.124
	P5 Leonardo daVinci - <i>Launcing of Sector Alliance for Taining &Apprenticeship of Health Care and Food Supplements Salespersons - H-CARE</i> – 24950 E, 2014-2016, director Ciobanu G. – suma 2014- 12927- 12 membri	1.659
P	Proiecte/ Contracte/ Granturi de cercetare-dezvoltare câștigate prin competiție națională sau încheiate cu institute de cercetare, companii, regii, societăți comerciale	
	P6 RO-NO-MG-2019-0286, 43/20.11.2019 - <i>Partnership for advanced wastes capitalization with low energy consumption</i> - Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării (UEFISCDI), Fonduri NO 2014-2021 (Fond bilateral) – 1150 E director Harja Maria	-
	P7 Contract de cercetare-19592/10.09.2019_ <i>Noi materiale pe baza de fibra de sticla si valorificarea avansata a deeurilor din cadrul SC BICO Industries SRL</i> _10.000 E + TVA, sept 2019-dec 2022, director Harja Maria	-
	P8 GnaC2018_10/2019 <i>Studiul absorbției reactive a dioxidului de carbon în soluții de carbonat de potasiu promovate cu noi amine</i> , director Tataru Farmus R.E., 28000 lei	-
	P9 8230/23.04.2018/TULasi <i>Dezvoltarea unui sistem pentru controlul compozitiei specifice fluidelor de spalare din industria auto</i> , director Lazar Liliana, Finanțator: S.C. Delphi Diesel Systems Romania S.R.L., Iasi, Buget: 11.765 EURO (fara TVA), Perioada contractului: 04.2018 – 15.10.2020	-
	P10 Relații Bilaterale al Programului “Cercetare în Sectoare Prioritare” 18 BIL/27.03.2017 – Norwegian University of Life Science, director Soreanu Gabriela, 6 000 E, vizita Norvegia Universitatea As 24-30 aprilie 2017	4.208
	P11 Cod ANCS 790/30.06.2011, Programul Capacități – Modulul III, Cooperări Bilaterale: Romania – Belgia/nr. 589 / 2012, <i>Eroziunea solului si masuri de conservare Soil erosion and conservation measures</i> , 2012-2013, director Bucur D.	-

	P12 Contract nr. 1337P/12.09.2012, <i>Determinarea puterii calorice a combustibililor gazoși utilizați de SC. Ceramica SA Iași</i> . Finanțator: SC. Ceramica SA Iași, Responsabil științific: Maria Harja, valoarea 2400 lei	0.51
	P13 Caracterizarea chimică și mineralogică a materiilor prime utilizate de SC. Ceramica SA Iași. Finanțator: SC. Ceramica SA Iași, Contract nr. 2702P/5.11.2010, valoarea 9600 lei, Responsabil științific: Maria Harja	2.459
	P14 Contract nr. 248P/15.02.2010, <i>Caracterizarea fizico-chimică și tehnologică a varului calcitic pastă + probe de lot</i> , 1000, director proiect Harja Maria	0.256
	P15 <i>Materiale avansate poroase cu aplicabilitate în procese de separare și în biomedicină</i> , Grantul Academiei Române nr. 29/28.03.2008 -10000, GAR 2008, titular Ciobanu Gabriela Margareta	0.63
	P16 <i>Ansamble nanostructurale cu organizare texturală controlată de tip LDH cu aplicații în protecția mediului</i> , Program Parteneriate, 71-020/2008, director Cârjă G., 43000 lei	2.391
	P17 Contract nr. 1269P/21.03.2007, <i>Cercetări privind depunerea electrochimică a nichelului și cromului pe diverse tipuri de oțel</i> ; Finanțator: SC FEROMET M SRL, Piatra Neamț; Responsabil științific: S.I. Dr. ing. Liliana Lazăr	1.207
	P18 <i>Ansamble nanostructurale cu organizare texturală controlată de tip LDH cu aplicații în protecția mediului</i> , Program Parteneriate, 2007, director Cârjă G., valoare 31000 lei	4.49
	P19 <i>Materiale avansate poroase cu aplicabilitate în procese de separare și în biomedicină</i> , Grantul Academiei Române nr. 62/04.09.2007, GAR 2007, cod val 10000, titular Ciobanu Gabriela Margareta	1.811
	P20 <i>Obținerea și caracterizarea reactivității suspensiilor de carbonat de calciu II</i> , Grant 164/2006, tema 77, cod 558, valoare 11300 RON – titular grant Szep Alexandru	6.794
	P21 <i>Obținerea și caracterizarea reactivității suspensiilor de carbonat de calciu</i> , Grant 27637/2005, tema 57, cod 558, valoare 98000 RON - titular grant Szep Alexandru	8.75
	P22 Contract Nr. 3002/1994 C64, Valorificarea catalizatorului uzat pe bază de fier pentru sinteza amoniacului, Sofert- Bacău – responsabil Szep Alexandru	-
	P23 Contract Nr.14997/ MCT 1994, <i>Cercetări privind caracterizarea și valorificarea zăcămintelor de alunit din bazinul minier Vatra Dornei</i> . Adaptarea metodelor de analiză la caracterizarea zăcămintului. - responsabil Szep Alexandru	-
	P24 Contract Nr 5002/7463 – MCT 1992, <i>Cercetări privind caracterizarea și valorificarea zăcămintelor de alunit din bazinul minier Vatra Dornei</i> . Elaborarea unor metode de analiza a zăcămintelor de alunit, - responsabil Szep Alexandru	-
	Alte lucrări de proiectare-cercetare-dezvoltare	
F	F1 Proiect RO-Cultura – BR1 37/2018, finanțat prin Mecanismul Financiar SEE 2014-2021, Transfer of Norwegian experiences and good practices – for the preservation of cultural heritage and historical monuments existing in the rural countries of Iasi, RO-CULTURA- Fondul pentru Relații Bilaterale, PA14 Antreprenoriat cultural, patrimoniu cultural și schimb cultural – Responsabil Proiect _ HARJA MARIA – presedinte Idei pentru Mileniul III – decembrie 2018	-
	F2 Contract 20/11.03.2019 Valorificarea energetică a deșeurilor menajere și industriale din cadrul SC DDD SERV SRL – Buhuși – Asistență tehnică 7200 lei	-
	F3 Contract 245/7.12.2018 - Managementul deșeurilor din fibră de sticlă de la SC BICO INDUSTRIES SRL – punct de lucru Vaslui – Asistență tehnică. Damian Ioan si Harja Maria 9000 lei	-

Note:

(1) Fiecare lucrare este prezentată, în limba în care a fost publicată / expusă, corespunzător structurii "I, II, III, IV, V, VI", unde: I - indicativul (T1, T2 etc.; Ca1, Ca2 etc.; ...), care se scrie "bold" la lucrările realizate după acordarea ultimului titlu didactic/ grad profesional (**Ca1, I1** etc., după caz); II - autorii în ordinea din publicație, cu scriere "bold" **a candidatului**; III - *titlul*, scris "italic"; IV - editura sau revista sau manifestarea și/sau alte elemente de localizare, după caz; V - intervalul de pagini din publicație, respectiv, pp ...-..., numărul total de pagini, respectiv, ... pg., sau alte date similare, după caz; VI - anul sau perioada de realizare, după caz;

(2) În cadrul fiecărui grup de lucrări (Ca1, Ca2 etc.; I1, I2 etc. ; ...), lucrările sunt în ordine invers cronologică;

(3) În cazul în care o grupă de lucrări nu se regăsește în activitatea candidatului, respectiva grupă poate fi eliminată din listă;

Data: 10.01.2020

Candidat,
Harja Maria