

Universitatea POLITEHNICA din Bucuresti
Facultatea de Energetică
Departamentul de Producere și Utilizare a Energiei, Facultatea de Energetică

**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIME NAȚIONALE
 CONFORM Ordinului 6129/2016; Anexa 10 COMISIA DE INGINERIE ENERGETICĂ**

Cora GHEORGHE
Conf. Dr. Ing.
Departamentul Producere și Utilizare a Energiei

Condiții minimale [Punctaj]	Profesor		Obs.
	Minim prevăzut	Realizat	
A1. Activitatea didactică și profesională	120	160.77	
A2. Activitatea de cercetare	360	421.31	
A3. Recunoașterea și impactul activității	120	721.81	
TOTAL	600	1303.89	
Condiții minimale obligatorii pe subcategorii [Număr]	Minim prevăzut	Realizat	
A1.1.1. Cărți și capitole în cărți de specialitate	4, d.c. 1 prim autor	5, d.c. 3 prim autor	
A1.2.1. Manuale/suport de curs inclusiv electronic	2, d.c. 1 prim autor	3, d.c. 3 prim autor	
A1.2.2. Îndrumare de laborator / aplicații	2, d.c. 1 prim autor	2, d.c. 1 prim autor	
A2.1.1. Articole în reviste cotate WOS Thomson Reuters, în proceedings indexate WOS Thomson Reuters și brevete de invenție indexate WOS Thomson Reuters.	10, d.c. minim 4 in reviste	20, d.c. 6 in reviste	
A2.1.2. Articole în reviste și în volume ale unor manifestări științifice indexate în alte baze de date internaționale	20	20	
A2.4.1. Granturi/proiecte câștigate prin competiție națională – internațională (director / responsabil partener)	2, d.c. 2 ca director	2, d.c. 2 ca director	
A3.1.1 Citări în în reviste WOS și în volumele conferințelor WOS	8	97	
A3.2.1 Citări în în reviste și în volumele conferințelor BDI	16	42	

Subsemnata, Cora BULMĂU (GHEORGHE), Conferențiar Universitar la Departamentul de Producere și Utilizare a Energiei, Facultatea de Energetică, declar pe propria răspundere, cunoscând prevederile legale falsul în declarații, că cele raportate în prezenta fișă sunt conforme cu realitatea.

Data: 30.06.2021

Candidată,
 Conf. Dr. Ing. Cora GHEORGHE

**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIME NAȚIONALE
CONFORM Ordinului 6129/2016**

COMISIA DE INGINERIE ENERGETICĂ

Conf. Dr. Ing. Cora GHEORGHE (BULMĂU)

	A1. Activitatea didactica si profesionala (A1)	160.77
Nr. crt.	1.1. Carti si capitole în carti de specialitate	28.82
	1.1.1. Carti cu ISBN/ capitole ca autor	
	1.1.1.1. internationale	
1	Ionescu, G. and Bulmău, C. , 2019. Estimation of Energy Potential for Solid Pyrolysis By-Products Using Analytical Methods. Open access peer-reviewed chapter In Analytical Pyrolysis, IntechOpen. doi: 10.5772/intechopen.80861, https://www.intechopen.com/books/analytical-pyrolysis/estimation-of-energy-potential-for-solid-pyrolysis-by-products-using-analytical-methods .	4.75
2	Cora BULMĂU , Cosmin MĂRCULESCU, Pyrolysis: A Versatile Process for Thermal Treatment of Waste and Contaminated Soil, Capitol în Vol. 5 Solid Waste Management, Seria "Environmental Science and Engineering" (12 Vols.), Ed. Studium Press LLC, USA, 2017, ISBN Volum1-62699-093-X, ISBN Serie 1-62699-088-3, p. 214-245	8.00
	1.1.1.2. nationale	
1	Cora BULMĂU , Pyrolysis processing of wood biomass feedstock for new products generation (biochar, bio-oil), Ed. POLITEHNICA PRESS, București 2015, ISBN 978-606-515-632-6, 73 p.	15.00
2	Cora Bulmău , Adrian Badea, Irina Istrate, Remediation of Soils Contaminated with Polycyclic Aromatic Hydrocarbons (PAHs) by Thermal Treatments, Advanced in Engineering: from Theory to Application, Politehnica Press Ed., Bucharest, 2012, p. 269-274, ISBN 978-606-515-381-3	0.40
3	Irina Aura Istrate, Adrian Badea, Cora Bulmău , The treatment of petroleum contaminated soils by electrochemical methods – Part 1, Advanced in Engineering: from Theory to Application, Politehnica Press Ed., Bucharest, 2012, p. 304-312, ISBN 978-606-515-381-3	0.67
	1.1.2. Carti/ capitole de carti ca editor/coordonator	
	1.1.2.1. internationale	
	1.1.2.2. nationale	

Nr.crt.	1.2. Suport didactic	81.95
	1.2.1. Manuale, suport de curs inclusiv electronic	
1	Cora BULMĂU , Drept și legislație în energetică, Suport de curs pe platforma Moodle, 212 p.	21.20
2	Cora BULMĂU , Ecologizarea solurilor poluate, Suport de curs si Suport laborator, pe platforma Moodle, 304 p.	36.20
3	Cora BULMĂU , Dezvoltare durabilă și sustenabilitate, Suport de curs si Suport laborator, pe platforma Moodle, 304 p.	20.10
Nr.crt.	1.2.2. Indrumare de laborator/aplicatii;	
1	Cora GHEORGHE , Gabriela IONESCU, Cosmin MĂRCULESCU, Metode de conversie a biomasei în energie și produse avansate pentru protecția mediului, Politehnica Press Ed., București 2021, ISBN 978-606-515-968-6, 122 p.	2.03
2	Gheorghe LĂZĂROIU, Roxana PĂTRAȘCU, Cora GHEORGHE , Power Plants Environmental Impact, Applications, Editura POLITEHNICA PRESS, Bucharest 2005, ISBN: 973-8449-88-x,145 p.	2.42
Nr. crt.	1.3. Coordonare de programe de studii, organizare si coordonare programe de formare continua si proiecte educationale(POS, ERASMUS, sa)	50.00
1	Coordonare acord cercetare și colaborare Facultatea de Energetică (UPB) și Institute for Thermal Power Engineering (Universitatea Zhejiang - China) (ITPE/ZJU)	10.00
2	Activități științifice demonstrative pentru elevi învățământ preuniversitar și studenți învățământ universitar, Conferința Națională pentru Elevi și Studenți, 19 - 24 august 2018	10.00
3	Activități științifice demonstrative pentru elevi învățământ preuniversitar și studenți învățământ universitar, Noiembrie 2018	10.00
4	Activități științifice demonstrative pentru elevi învățământ preuniversitar și studenți învățământ universitar, Conferința Națională pentru Elevi și Studenți, Iunie 2019	10.00
5	Activități științifice demonstrative pentru elevi învățământ preuniversitar și studenți învățământ universitar, August 2019	10.00
6	Organizare și monitorizare activitate de practică productivă a studenților din învățământul tehnic superior (POSDRU)	10.00

	A2. Activitatea de cercetare (A2)			432. 56
Nr. crt.	2.1. Articole in reviste cotate si in volume proceedings indexate ISI Thomson-Reuters *)	FI	Nr. autori	113. 98
1	Cora Gheorghe-Bulmau , Adrian Volceanov, Iustina Stanciulescu, Gabriela Ionescu, Cosmin Marculescu, Marilena Radoiu, Production and Properties Assessment of Biochars from Rapeseed & Poplar Waste Biomass for Environmental Applications in Romania, Environmental Geochemistry and Health (Accepted with minor revisions) [ISI, F.I. 3,5]	3.5	6	15.8 3
2	Bulmau, C. , Ionescu, G., Tirtea, R. N., Marculescu, C., & Boldor, D. (2019, October). Energy Potential and Properties of Food Court Waste-FCW as Fuel Towards Circular Economy, In IEEE 2019 International Conference on ENERGY and ENVIRONMENT (CIEM), (pp. 529-533). ISBN:978-1-7281-1532-0, DOI:10.1109/ciem46456.2019.8937563, WOS:000630902700108	0	5	5.00
3	Ionescu, G., Bulmau, C. , & Marculescu, C. (2019, October). Comparative analysis of renewable sources for biofuels production, In IEEE 2019 International Conference on ENERGY and ENVIRONMENT (CIEM), pp. 418-422, ISBN:978-1-7281-1532-0, USB ISBN:978-1-7281-1531-3, IEEE, DOI: 10.1109/CIEM46456.2019.8937686, WOS:000630902700086.	0	3	8.33
6	Gabriela Ionescu and Cora Bulmău , Biomass conversion into valuable products within the integrated management of bio-resources, ISI Proceedings of EENVIRO 2018, Published online: 22 February 2019, https://doi.org/10.1051/e3sconf/20198507008 , WOS:000468021200067 [ISI Proc.]	0	2	12.5 0
7	Bulmău, C. , Ionescu, G., & Mărculescu, C. (2019). Bio-Gaseous Fuels from Agricultural Waste Pyrolysis (Part II), MATEC Web of Conferences (Vol. 290, p. 11005), EDP Sciences, https://doi.org/10.1051/mateconf/201929011004 , WOS:000569367700122. [ISI]	0	3	8.33
8	Ionescu, G., Bulmau, C. , & Mărculescu, C. (2019). Bio-Gaseous Fuels from Agricultural Waste Pyrolysis (Part I), In MATEC Web of Conferences (Vol. 290, p. 11004), EDP Sciences, https://doi.org/10.1051/mateconf/201929011005 , WOS:000569367700121.	0	3	8.33
9	Raluca Nicoleta Tîrtea, Cora Bulmău* , Gabriela Ionescu and Cosmin Mărculescu, The initiation stage of Food Court Waste during air versus steam gasification processes, E3S Web Conf. Volume 112, 2019, 01018, 8th International Conference on Thermal Equipment, Renewable Energy and Rural Development (TE-RE-RD 2019), https://doi.org/10.1051/e3sconf/201911201018 , WOS:000619989000018	0	4	6.25
10	Nicoleta Tîrtea, R., Ionescu, G., Bulmău, C., Mărculescu, C., Experimental study of Food Court Waste air gasification process performances in a batch reactor, E3S Web of Conferences Volume 112, 01019, 8th International Conference on Thermal Equipment, Renewable Energy and Rural Development (TE-RE-RD 2019), https://doi.org/10.1051/e3sconf/201911201019 , WOS:000619989000019	0	4	6.25

11	Raluca-Nicoleta Tîrtea, Iustina Stănciulescu, Gabriela Ionescu, Cora Bulmău , Cosmin Mărculescu, Dorin Boldor, Transitory regime of Wood biomass air gasification, IEEE Explore International Conference on ENERGY and ENVIRONMENT (CIEM), 19-20 Oct. 2017, DOI: 10.1109/CIEM.2017.8120799, WOS:000427610300083 [ISI]	0	6	4.17
12	Cora Bulmău, Iustina Stănciulescu, Vlad Capotă, Potential application of carbonic product generated by biomass conversion”, IEEE EEEIC 2017, 17th International Conference on Environment and Electrical Engineering, 6-9 Iunie 2017, Italia, Milano, ISBN: 978-1-5386-3917-7, DOI: 10.1109/EEEIC.2017.7977464, WOS:000426764000068 ISBN:978-1-5386-3917-7 [ISI]	0	3	8.33
13	Cora Bulmău* , Cosmin Mărculescu, Shengyong Lu, Zhifu Qi, Analysis of Thermal Processing Applied to Contaminated Soil for Organic Pollutants Removal, Journal of Geochemical Exploration, vol. 147, Part B, Soil Pollution and Reclamation: Advances in Data, Experiments and Application, December 2014, pp. 298–305, DOI: 10.1016/j.gexplo.2014.08.005 WOS:000347264500027 [ISI, I.F. 0.82]	0.81 2	4	10.3 1
14	Zhifu Qi, Tong Chen, Sihong Bai, Mi Yan, Shengyong Lu, Alfons Buekens, Jianhua Yan, Cora Bulmău , Xiaodong Li, Effect of temperature and particle size on the thermal desorption of PCBs from contaminated soil, Environmental Science and Pollution Research, vol. 21 (6), 2014, p. 4697-4704, ISSN: 0944-1344, eISSN 1614-7499, DOI 10.1007/s11356-013-2392-4, WOS:000332795700062 [ISI, I.F. 1.08]	1.07 3	9	5.16
15	Diana M. Cocârță, Irina Istrate, Cora Bulmău , Ramona Dinu, Vladimir Tanasiev, Cristina Dumitrescu, Different methods for polychlorinated biphenyls removal from contaminated soils, Chemistry Magazine (Bucharest, Romania), vol. 65 (1), 2014, p. 44-49, ISSN 0034-7752, WOS:000334150300008 [ISI, I.F. 0.2]	0.18 3	6	4.78
16	Cora Bulmău , Silvia Neamțu, Diana M. Cocârță, Irina Istrate, Adrian Badea, Efficiency of PAHs Removal from Soils Contaminated with Petroleum Products Using Ex-Situ Thermal Treatment, Chemistry Magazine (Romania), vol. 64 (12), 2013, p. 1430-1435, ISSN 0034-7752, WOS:000330914400014 [ISI, I.F. 0.2]	0.18 3	5	5.73
17	Irina Istrate, Diana M. Cocârță, Cora Bulmău , Adrian Badea, The Influence of PH and ORP for Efficiency of Electrochemical Treatment Efficiency Applied for Organic Polluted Soils, Chemistry Magazine (Romania), vol. 64 (11), 2013, p. 1250-1254, ISSN 0034-7752, WOS:000328441600008 [ISI, I.F. 0.2]	0.18 3	4	7.17
18	Cora Gheorghe (Bulmău) , Cosmin Mărculescu, Adrian Badea, Cristian Dincă, Tiberiu Apostol, Effect of Pyrolysis Conditions on Bio-Char Production from Biomass, Book Series: Energy and Environmental Engineering Series, 2009, p. 239-241, ISSN: 1790-5095, ISBN 978-960-474-093-2, WOS : 000268 805 80003 2	0	5	5.00
19	Cosmin Mărculescu, Adrian Badea, Cristian Dincă, Cora Gheorghe , Biomass to Syngas Conversion by Pyro-Gasification Process, Book Series: Energy and Environmental Engineering Series, 2009, p. 430-433, ISSN: 1790-5095, ISBN 978-960-474-093-2, WOS:000268805800067 [ISI Proc.]	0	4	6.25

20	Cora Gheorghe , Ramona Dinu, C. Mărculescu, A. Badea, T. Apostol, Two-phase pyrolysis modelling of wooden waste, Waste Management and the Environment IV, Book Series: WIT Transactions on Ecology and the Environment, Vol. 109, p. 31-38, Wit PRESS, 2008, ISBN: 978-1-84564-113-9, ISSN: 1746-448x, ISSN: 1743-3541, WOS:000257699900004 [ISI, I.F. -]	0	5	5.00
2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale				122.33
1	Bulmau, C. , Tirtea, R. N., Ionescu, G., Marculescu, C, Process characterization and energy balance of air wood residues gasification using continuous operated pilot scale reactor, In E3S Web of Conferences Volume 180, 9th International Conference on Thermal Equipment, Renewable Energy and Rural Development (TE-RE-RD 2020), eISSN: 2267-1242 https://doi.org/10.1051/e3sconf/202018002018		4	5.00
2	Ionescu, G., Tirtea, R. N., Bulmau, C., Marculescu, C, Gas yield variation in wood biomass co-current air gasification process – continuous operation, in E3S Web of Conferences Volume 180 9th International Conference on Thermal Equipment, Renewable Energy and Rural Development (TE-RE-RD 2020), eISSN: 2267-1242, https://doi.org/10.1051/e3sconf/202018002017		4	5.00
3	Cora Bulmău , Diana Cocârță, Behaviour of PCBs in remediation by oxygen free thermal treatments of an artificially contaminated soil, Revista "Buletin Științific", Seria C: Inginerie Electrică și Știința Calculatoarelor, Ed. POLITEHNICA PRESS 2014, Vol. 76 (3), 2014, p. 207-214, ISSN 2286-3540 [Scopus, Google Academic]	0	2	10.00
4	Cora Bulmău , Adrian Badea, Diana M. Cocârță, Gigel Paraschiv, Evaluation of non-oxidative thermal technology for removal of petroleum products from contaminated soils, Present Environment and Sustainable Development, Editura Universității „Alexandru Ioan Cuza”, Iași, vol. 7, nr. 1/2013, p. 165-175, ISSN 1843-5971 (Printed version), ISSN 2284 – 7820 (online), 2013 [Index Copernicus, Doaj, EBSCO, Google Academic, Genamics, UlrichsWeb, Scipio]	0	4	5.00
5	Cora Bulmău, Diana Cocârță, Silvia Neamțu, Cristina Dumitrescu, Adrian Badea, Environmental Assessment of Pyrolysis as Ex-Situ Thermal Treatment Applied to PAHs Contaminated Soils, Editura Politehnicum, Buletinul Institutului Politehnic din Iași, Tomul LVIII (LXII), Fasc.3, Secția Chimie și Inginerie Chimică, 2012, p.111-121, ISSN:0254-7104 [Scopus, Google Academic]	0	5	4.00
6	Bulmău Cora , Cocârță Diana Mariana, Neamțu Silvia, Removal of Benzo(A)Pyrene from Oil Contaminated Soil by Oxygen-Free Thermal Treatments, Analele Universității din Craiova, seria Agricultură – Montanologie – Cadastru Vol. XLII-2012/1, p. 95 – 101, ISSN 1841-8317 [Google Academic, Index Copernicus]	0	3	6.67
7	Irina Istrate, Adrian Badea, Cora Bulmău , Tiberiu Apostol, The Assessment of a New Technology Used for the Treatment of Petroleum Contaminated Soils – Laboratory Study, Revista "Buletin științific" - Seria D: Inginerie Mecanică, Ed. POLITEHNICA PRESS 2012, Vol. 74, Nr. 1/2012, p. 187-194, ISSN 1454-2358 [Scopus, Google Academic, Index Copernicus]	0	4	5.00

8	Cora Bulmău , Adrian Badea, Diana Cocârță, Irina Aura Istrate, Applications of The Thermochemical Treatments in the Sustainable Development Context, Present Environment and Sustainable Development, vol.5, nr.1/2011, p. 121 – 129, SSN 1843-5971 (Printed version), ISSN 2284 – 7820 (online) [Index Copernicus, Doaj, EBSCO, Google Academic, Genamics, UlrichsWeb, Scipio]	0	4	5.00
9	Irina Istrate, Adrian Badea, Diana Cocârță, Cora Bulmău , Electrochemical Treatment of PAH Contaminated Sediments and Human Health Risk Assessment, Present Environment and Sustainable Development, vol.5, nr.1/2011, p. 101 – 112, SSN 1843-5971 (Printed version), ISSN 2284 – 7820 (online), [Index Copernicus, Doaj, EBSCO, Google Academic, Genamics, UlrichsWeb, Scipio]	0	4	5.00
10	Pătrașcu Roxana, Cora Gheorghe , Environmental Impact Quantification of The Cogeneration Systems – Case Analysis, Revista "Buletin Științific" - Seria C: Inginerie Electrică, Ed. POLITEHNICA PRESS 2010, Vol. 72, Nr. 2/2010, p. 247-256, ISSN 1454-234x, [Scopus, Google Academic, Index Copernicus]	0	2	10.0 0
11	Cora Bulmău (Gheorghe) , Cosmin Mărculescu, Adrian Badea, Tiberiu Apostol, Pyrolysis parameters influencing the biochar generation from wooden biomass, Revista "Buletin Științific" - Seria C: Inginerie Electrică, Ed. POLITEHNICA PRESS 2010, Vol. 72, Nr. 1/2010, p. 29-38, ISSN 1454-234x [Scopus, Google Academic, Index Copernicus]	0	4	5.00
12	A. Badea, Cora Gheorghe , C. Mărculescu, Eduard Minciuc, Biomass Pyrolysis Experimental Investigations, Revista "Buletin Științific" - Seria C: Inginerie Electrică, Ed. Politehnica Press 2008, Vol. 70, Nr. 3/2008, p. 129-138, ISSN 1454-234X [Scopus, Google Academic, Index Copernicus]	0	4	5.00
13	A. Badea, Cora Gheorghe , C. Mărculescu, T. Apostol, L'influence des proprietes physiques du bois et du parametres du processus sur les produits de pyrolyse, Revista "Buletin Științific" - Seria C: Inginerie Electrică, Ed. POLITEHNICA PRESS 2008, Vol. 70, Nr. 2/2008, p. 103-110, ISSN 1454-234x [Scopus, Google Academic, Index Copernicus]	0	4	5.00
14	Roxana Pătrașcu, Cora Gheorghe , Adriana Pribeanu, Municipal Wastes as a possible energy source for a city, Revista "Buletin Stiintific" - Seria C: Inginerie Electrică, Ed. POLITEHNICA PRESS 2007, Nr. The 3rd International Conference on ENERGY and ENVIRONMENT "CIEM 2007", Bucharest, November 22-23, 2007, Vol. 69, Nr. 4/2007, ISSN 1454-234x, [Scopus, Google Academic, Index Copernicus]	0	3	6.67
15	Roxana Pătrașcu, Cora Gheorghe , The Determination of the Production Energy Costs for Different Cogeneration Systems Applying the Eco-Taxes – Case Analysis, Revista "Buletin Stiintific" - Seria C: Inginerie Electrică, Ed. POLITEHNICA PRESS 2007, Nr. The 3rd International Conference on ENERGY and ENVIRONMENT "CIEM 2007", Bucharest, November 22-23, 2007, Vol. 69, Nr. 4/2007, ISSN 1454-234x [Scopus, Google Academic, Index Copernicus]	0	2	10.0 0

16	Cora BULMĂU , Diana. M. COCĂRȚĂ, Ana Maria Reșetar-Deac, Evaluation of Integrated Time-Temperature Effect in Pyrolysis Process of Historically Contaminated Soils with Cadmium (Cd) and Lead (Pb), Proceedings of 16th International Conference on Heavy Metals in the Environment (ICHMET), Rome, Italy, September 23-27, 2012, E3S Web of Conferences Volume: 1, Article Number: 01002, 01002-p.1 -- 01002-p.4, Published: 2013, Published by EDP Sciences 2013, DOI: 10.1051/e3sconf/20130101002 [ISI Proc.]	0	3	6.67
17	Cristian Dincă, Adrian Badea, Cosmin Mărculescu, Cora Gheorghe , Environmental Analysis of Biomass Combustion Process, Book Series: Energy and Environmental Engineering Series, 2009, p. 234-239, ISSN: 1790-5095, ISBN 978-960-474-093-2, WOS: 000268805800031 [ISI Proc.]	0	4	6.25
18	Cristian Dincă, Cosmin Mărculescu, Adrian Badea, Cora Gheorghe , Critical Analysis of GHG Emissions Generate by the Fossil Fuel Power Plant, Book Series: Mathematics and Computers in Science and Engineering, p. 408-413, ISSN: 1790-2769, ISBN 978-960-474-012-3, WOS:000271258000103 [ISI Proc.]	0	4	6.25
19	Cosmin Mărculescu, Cristian Dincă, Adrian Badea, Cora Gheorghe , Heterogeneous solid waste stabilization for energy conversion using thermochemical processes, Book Series: Energy and Environmental Engineering Series, p. 235-238, 2009, ISSN: 1790-5095, ISBN 978-960-474-017-8, WOS:000262931000040, [ISI Proc.]	0	4	6.25
20	Cora Bulmău , Synthetic Presentation of a Carbon-Based Product from Biomass, Proceedings of 5th International Conference on Thermal Equipment, Renewable Energy and Rural Development – TE-RE-RD, June 02-04, 2016, Golden Sands, Bulgaria, Editura POLITEHNICA PRESS 2016, ISSN 2359-7941 ISSN-L 2359-7941, p.181-186.		1	20.0 0
	2.4.1. Director/ responsabil			100.00
	2.4.1.1. Director/ responsabil pr. Internationale			60.00
1	Director Contract NR. 614 /01.01.2013, Development of Thermal Treatments of PCB Polluted Soil and Human Health Risk Assessment – SOTREAT, (2013-2015), PN II – CAPACITĂȚI (Modulul III) – Cooperare bilaterală Romania – China, Nr. înregistrare UEFISCDI 11178/18.012013, Autoritatea Contractantă: Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării și Universitatea POLITEHNICA București http://www.research.gov.ro/uploads/programe-internationale/cooperari-bilaterale/rezultate-finale/lista-proiectelor-aprobate-ro-cn-2013-2014.pdf			60.0 0
	2.4.1.1. Director/ responsabil pr. nationale			40.00

1	Director Contract Nr. 202/2008, Contribuții privind valorificarea biomasei în procese de piroliză, PN II-RU-TD-2008-3 Proiecte de Cercetare pentru Tineri Doctoranzi, Autoritate Contractantă: Unitatea Executivă pentru Finanțarea Învățământului Superior și a Cercetării Științifice și Universitatea POLITEHNICA București http://old.uefiscdi.ro/UserFiles/File/TD_2008/COMISIA%20PROIECTE%20CARE%20CONTINUA%20FINANTAREA.pdf			20.0 0
2	Director Contract Nr. 87/26.09.2016, Procese termice avansate de conversie a deșeurilor cu poligenerare de produse carbonice și combustibili derivați superiori – ThermoCarb, Granturi interne de cercetare Universitatea POLITEHNICA București, Competitia 2015/2016 http://www.upb.ro/files/evenimente/cercetare/2016/Rezultate_finale_granturi_UPB.pdf			20.0 0
	2.4.2. Membru in echipa			96.2 5
	2.4.2.1 Proiecte internationale			21.6 5
1	Smart and Local Renewable Energy District Heating and Cooling Solutions for Sustainable Living – WEDISTRICT, H2020-LC-SC3-2018-2019-2020, Project no. 857801, Implementation period: 2019 – 2023 (42 months), UPB Budget: 1,276,094 EUR, Consortium: 22 partners / 11 countries, Project Coordinator: ACCIONA Engineering (Spain)			3.32
2	Producția de BIOcombustibili prin metode iNOVatoare de PIROLIZĂ /gazeificare și TEHnologii avansate - Un Program Dedicat Recrutării și Formării Tinerilor Cercetători Români în Domeniul Energiei și Produselor din Biomasă - BIONov-PyroTECH – ID:37_768, PROGRAMUL OPERAȚIONAL COMPETITIVITATE 2014-2020, axa prioritară 1 – cercetare, dezvoltare tehnologică și inovare (cdi) în sprijinul competitivității economice și dezvoltării afacerilor, Acțiunea 1.1.4 Atragerea de personal cu competențe avansate din străinătate pentru consolidarea capacității de CD			14.0 0
3	SUSPOWER, Proiect European din cadrul Programului FP6 al Uniunii Europene, activitatea de cercetare desfășurându-se în Universitatea Royal Institute of Technology din Stockholm, Suedia – Cercetător			0.33
4	Sistem educațional și de instruire pentru tehnologii curate de ardere a cărbunelui “CleanCOALtech”, LIFELONG LEARNING PROGRAMME / LEONARDO DA VINCI / Transfer of Innovation TOI/2012 (2012-2014)			2.00
5	Contaminated Sites Assessment for the Reduction of Environmental Pollution by Risk-based Approach – RISKASSESS, PN II – CAPACITĂȚI (Modulul III) – Cooperare bilaterală Romania – Turcia, Contract nr. 606/2013 (2013-2014) – Specialist tratamente termice decontaminare soluri poluate			2.00
	2.4.2.2 Proiecte nationale			74.6 0

1	Sistem decizional multicriterial pentru remedierea siturilor contaminate cu poluanți toxici și persistenți din marile zone industriale / Recoland, POSCCE-A2-O2.1.2-2009-2, ID 519, Iunie 2010 – Septembrie 2013			6.60
2	Restructurarea sistemului de practica productiva a studentilor din invatamantul tehnici superior - TRIPOD, POSDRU/90/2.1/S/58108, 2010-2013 – Responsabil organizare și monitorizare activitate de practică			2.00
3	Cercetari privind determinarea proceselor si parametrilor optimi pentru imbunatatirea gradului de remediere a solurilor contaminate cu hidrocarburi TERESOL, Ctr. Nr. 32-102/2008, 2008-2011			6.00
4	Metode de evaluare a contaminarii solurilor din zona depozitelor petroliere si tehnologii de remediere ECORES, Ctr. Nr. 32-121/2008, 2008-2011			6.00
5	Valorificarea energetica a emisiilor din depozitele de deseuri municipale, VALENDEM, Ctr. Nr. 32-113/2008, 2008-2011			6.00
6	Procedee termice avansate de piro-gazeificare a deseurilor urbane cu producere de energie - PIROGAD, Ctr. Nr. 31-076/2007, 2007-2010			6.00
7	Realizarea unei infrastructuri de certificare - acreditare pentru monitorizarea capacitatii energetice a deseurilor si a mediului inconjurator, ACROMEDES, CEEX, Contract nr. 280/ 2006; 2006-2008			4.00
8	Sistem integrat de evaluare a vulnerabilitatii si diminuarea consecintelor alunecarilor de teren produse in urma dezastrelor naturale si activitatilor urbane/industriale - SIVAL (CEEX), Contract nr.141/2006, Proiect excelenta 2006-2008			4.00
9	Cercetari in vederea stabilirii gradului de toxicitate al unor poluanti din apele reziduale folosind metoda QSAR-TOPAR (CEEX), Contract nr. 284/2006; 2006-2008			4.00
10	Sistem integrat de evaluare a vulnerabilitatii si diminuare a consecintelor alunecarilor de teren produse in urma dezastrelor naturale si activitatilor umane / industriale, Proiect Excelență 2006-2008			4.00
11	Testarea si experimentarea unor ecotehnologii in vederea reducerii impactului asupra mediului generat de depozitele de zgura si cenusa - ECOTEHNOL (CEEX), Contract nr. 156/2006; 2006-2008			4.00
12	Tehnologii pentru valorificarea biomasei solide agricole si forestiere in vederea obtinerii de energie curata si a reducerii emisiilor de gaze cu efect de sera - TEBIRO			6.00
13	Valorificarea energetica a biomasei in contextul dezvoltarii durabile a resurselor regenerabile de energie - VALBIRO (CEEX), Contract nr. 151/2006; 2006-2008			4.00
14	Rețea europeană de cercetare integrată în domeniul surselor regenerabile de energie - RENET (CEEX), Contract nr. 123/2006; 2006-2008			4.00

15	Impactul asupra mediului pe durata de viață a diferitelor filiere de cogenerare cu aplicații la CET Galați, Palas, Grozăvești, Craiova, Contract nr. 1401/2001 – AMCSIT RELANSIN		4.00
16	Strategii de dezvoltare energetică durabilă utilizând Analiza Ciclului de Viață a tehnologiilor de conversie a energiei primare - STENDUR, Ctr. Nr. 21-009/2007, 2007-2010		4.00

A3. Recunoasterea și impactul activității (A3)			721.8 1
Nr. crt.	3.1. Citări în reviste și volumele conferințelor ISI și BDI	Nr. autori	162.81
	3.1.1. Citări în reviste și volumele conferințelor ISI		134.30
1	Gabriela Ionescu and Cora Bulmău , Biomass conversion into valuable products within the integrated management of bio-resources, ISI Proceedings of EENVIRO 2018, Published online: 22 February 2019, https://doi.org/10.1051/e3sconf/20198507008 , WOS:000468021200067 [ISI Proc.].	2	5
1.1	<i>Karaeva, A., Cioca, L. I., Ionescu, G., Magaril, E. R., & Rada, E. C. (2019, October). Renewable sources and its applications awareness in educational institutions. In 2019 International Conference on ENERGY and ENVIRONMENT (CIEM) (pp. 338-342). IEEE.</i>		2.50
1.2	<i>Rada, E. C., Ionescu, G., Ferronato, N., Ragazzi, M., Raspanti, M., Conti, F., & Torretta, V. (2020). Zooming on light packaging waste differences by scanning electron microscopy. Environmental Science and Pollution Research, 1-7.</i>		2.50
2	Ionescu, G., Bulmau, C. , & Mărculescu, C. (2019). Bio-Gaseous Fuels from Agricultural Waste Pyrolysis (Part I), In MATEC Web of Conferences (Vol. 290, p. 11004), EDP Sciences, https://doi.org/10.1051/matecconf/201929011005	3	1.67
2.1	<i>Li, Q., Faramarzi, A., Zhang, S., Wang, Y., Hu, X., & Gholizadeh, M. (2020). Progress in catalytic pyrolysis of municipal solid waste. Energy Conversion and Management, 226, 113525.</i>		1.67
3	Cora Bulmău* , Cosmin Mărculescu, Shengyong Lu, Zhifu Qi, Analysis of Thermal Processing Applied to Contaminated Soil for Organic Pollutants Removal, Journal of Geochemical Exploration, vol. 147, Part B, Soil Pollution and Reclamation: Advances in Data, Experiments and Application, December 2014, pp. 298–305, DOI: 10.1016/j.gexplo.2014.08.005 WOS:000347264500027	4	34.58
3.1	<i>Zhao, C., Dong, Y., Feng, Y., Li, Y., & Dong, Y. (2019). Thermal desorption for remediation of contaminated soil: A review. Chemosphere, 221, 841-855.</i>		1.25

3.2	Bianco, F., Monteverde, G., Race, M., Papirio, S., & Esposito, G. (2020). Comparing performances, costs and energy balance of ex situ remediation processes for PAH-contaminated marine sediments. <i>Environmental Science and Pollution Research</i> , 27(16), 19363-19374.	1.25
3.3	Kang, C. U., Kim, D. H., Khan, M. A., Kumar, R., Ji, S. E., Choi, K. W., ... & Jeon, B. H. (2020). Pyrolytic remediation of crude oil-contaminated soil. <i>Science of the Total Environment</i> , 713, 136498.	1.25
3.4	Vaughn, S. F., Dinelli, F. D., Kenar, J. A., Jackson, M. A., Thomas, A. J., & Peterson, S. C. (2018). Physical and chemical properties of pyrolyzed biosolids for utilization in sand-based turfgrass rootzones. <i>Waste Management</i> , 76, 98-105.	1.25
3.5	He, L., Sang, Y., Yu, W., Li, W., Jiao, Y., Ma, F., ... & Gu, Q. (2020). Polymerization and carbonization behaviors of 2-methylnaphthalene in contaminated soil during thermal desorption. <i>Water, Air, & Soil Pollution</i> , 231(10), 1-10.	1.25
3.6	Xu, H. J., Li, Y. Z., Gao, L. J., & Zhang, X. (2020). Planned Heating Control Strategy and Thermodynamic Modeling of a Natural Gas Thermal Desorption System for Contaminated Soil. <i>Energies</i> , 13(3), 642.	1.25
3.7	Zhai, Z. Z., Yang, L. M., Li, Y. Z., Jiang, H. F., Ye, Y., Li, T. T., ... & Li, T. (2019). Fuzzy Coordination Control Strategy and Thermohydraulic Dynamics Modeling of a Natural Gas Heating System for In Situ Soil Thermal Remediation. <i>Entropy</i> , 21(10), 971.	1.25
3.8	Wang, W., Chen, C., Xu, W., Li, C., & Li, Y. Z. (2021). Experimental research on heat transfer characteristics and temperature rise law of in situ thermal remediation of soil. <i>Journal of Thermal Analysis and Calorimetry</i> , 1-14.	1.25
3.9	Wang, B., Wu, A., Li, X., Ji, L., Sun, C., Shen, Z., ... & Chi, Z. (2021). Progress in fundamental research on thermal desorption remediation of organic compound-contaminated soil. <i>Waste Disposal & Sustainable Energy</i> , 1-13.	1.25
3.1	Cheng, Y., Sun, H., Yang, E., Lv, J., Wen, B., Sun, F., ... & Liu, Z. (2021). Distribution and bioaccessibility of polycyclic aromatic hydrocarbons in industrially contaminated site soils as affected by thermal treatment. <i>Journal of Hazardous Materials</i> , 411, 125129.	1.25
3.11	Remediation of PCB-contaminated soil using a combination of mechanochemical method and thermal desorption By: Zhao, Z.H.; Li, X.D.; Ni, M.J. ; Chen, T.; Yan, J.H. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 24 B12:127 Issue: 12 Pages: 11800-11806 Published: APR 2017 WOS:000399399700082	1.25

3.12	<p><i>Treatability of volatile chlorinated hydrocarbon-contaminated soils of different textures along a vertical profile by mechanical soil aeration: A laboratory test</i></p> <p>By: MMA, Y (Ma, Yan)[1,2] ; Shi, Y (Shi, Yi)[2] ; Hou, DY (Hou, Deyi)[3] ; Zhang, X (Zhang, Xi)[4] ; Chen, JQ (Chen, Jiaqi)[1] ; Wang, ZF (Wang, Zhifen)[5] ; Xu, Z (Xu, Zhu)[2] ; Li, FS (Li, Fasheng)[2] ; Du, XM (Du, Xiaoming)[2]</p> <p>JOURNAL OF ENVIRONMENTAL SCIENCES Volume: 54 Pages: 328-335 Published: APR 1 2017 WOS:000399327300034</p>	0.56
3.13	<p><i>Modelling of in situ microwave heating of hydrocarbon-polluted soils: Influence of soil properties and operating conditions on electric field variation and temperature profiles</i></p> <p>By: Falciglia, Pietro P.; Scandura, Pietro; Vagliasindi, Federico G. A. Conference: International Conference of the European-Geosciences-Union (EGU) Location: Vienna, AUSTRIA Date: APR, 2015 Sponsor(s): European Geosciences Union</p> <p>JOURNAL OF GEOCHEMICAL EXPLORATION Volume: 174 Special Issue: SI Pages: 91-99 Part: 1 Published: MAR 2017 WOS:000390675100014</p>	0.56
3.14	<p><i>Evaluation of AhR-agonists and AhR-agonist activity in sediments of Liaohe River protected areas, China</i></p> <p>By: Zhang, Y (Zhang, Yun)[1] ; Ke, X (Ke, Xin)[2] ; Gui, SF (Gui, Shaofeng)[2] ; Wu, XQ (Wu, Xiaoqiong)[3] ; Wang, CY (Wang, Chunyong)[2] ; Zhang, HJ</p> <p>MARINE POLLUTION BULLETIN Volume: 115 Issue: 1-2 Pages: 292-296 Published: FEB 15 2017 WOS:000394399800047</p>	0.56
3.15	<p><i>Combined mechanochemical and thermal treatment of PCBs contaminated soil</i></p> <p>By: Zhao, ZH (Zhao, Zhonghua)[1] ; Ni, MJ (Ni, Mingjiang)[1] ; Li, XD (Li, Xiaodong)[1] ; Buekens, A (Buekens, Alfons)[1] ; Yan, JH</p> <p>RSC ADVANCES Volume: 7 Issue: 34 Pages: 21180-21186 Published: 2017 WOS:000399722300054</p>	0.56
3.16	<p><i>Suppression of PCDD/Fs during thermal desorption of PCBs-contaminated soil</i></p> <p>By: Zhao, ZH (Zhao, Zhonghua)[1] ; Ni, MJ (Ni, Mingjiang)[1] ; Li, XD (Li, Xiaodong)[1] ; Buekens, A (Buekens, Alfons)[1] ; Yan, JH</p> <p>Conference: 1st International Caparica Conference on Pollutant Toxic Ions and Molecules (PTIM) Location: Caparica, PORTUGAL Date: 2015</p> <p>ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 23 Issue: 24 Pages: 25335-25342 Published: DEC 2016 WOS:000389301700074</p>	0.56
3.17	<p><i>Implications of Using Thermal Desorption to Remediate Contaminated Agricultural Soil: Physical Characteristics and Hydraulic Processes</i></p> <p>By: O'Brien, PL (O'Brien, Peter L.)([1] ; DeSutter, TM (DeSutter, Thomas M.)([1] ; Casey, FXM (Casey, Francis X. M.)([1] ; Derby, NE (Derby, Nathan E.)([1] ; Wick, AF</p>	0.56

	<i>JOURNAL OF ENVIRONMENTAL QUALITY</i> Volume: 45 Issue: 4 Pages: 1430-1436 Published: JUL-AUG 2016 WOS:000378856400036	
3.18	<i>Effect of co-contaminated soil mixtures as fixed/fluidized bed media on pollutants emission under thermal treatment</i> By: SSamaksaman, U (Samaksaman, U.)[1] ; Kuo, JH (Kuo, J. -H.)[1] ; Peng, TH (Peng, T. -H.)[1] ; Wey, MY <i>INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY</i> Volume: 13 Issue: 2 Pages: 519-528 Published: FEB 2016 WOS:000368163100012	0.56
3.19	<i>Thermal desorption for remediating PCB-contaminated soil</i> By: ZZhao, ZH (Zhao, Zhonghua)[1] ; Ni, MJ (Ni, Mingjiang)[1] ; Li, XD (Li, Xiaodong)[1] ; Buekens, A <i>INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION</i> Volume: 60 Issue: 1-4 Special Issue: SI Pages: 171-189 Part: 1 Published: 2016 WOS:000396552600009	0.56
3.20	<i>Quicklime-Enhanced Remediation of Volatile Chlorohydrocarbon-Contaminated Soil in an Abandoned Chemical Plant Site by Mechanical Soil Aeration</i> By: Ma, Yan; Du, Xiao-Ming; Dong, Bin-Bin; et al. Ma, Y (Ma, Yan)[1,2] ; Du, XM (Du, Xiao-Ming)[2] ; Dong, BB (Dong, Bin-Bin)[1] ; Shi, Y (Shi, Yi)[2] ; Li, FS Edited by: Yesiller, N; Zekkos, D; Farid, A Conference: Geo-Chicago Conference - Sustainability, Energy, and the Environment (Geo-Chicago) Location: Chicago, IL Date: AUG 14-18, 2016 Sponsor(s): Amer Soc Civil Engineers, Geo Inst Geo-Chicago 2016: Sustainable Waste Management and Remediation Book Series: Geotechnical Special Publication Issue: 273 Pages: 353-364 Published: 2016 WOS:000389439100035	0.56
3.21	<i>Review of chemical and electrokinetic remediation of PCBs contaminated soils and sediments</i> By: FFan, GP (Fan, Guangping)[1,2] ; Wang, Y (Wang, Yu)[1] ; Fang, GD (Fang, Guodong)[1] ; Zhu, XD (Zhu, Xiangdong)[3] ; Zhou, DM <i>ENVIRONMENTAL SCIENCE-PROCESSES & IMPACTS</i> Volume: 18 Issue: 9 Pages: 1140-1156 Published: 2016 WOS:000384252500003	0.56
3.22	<i>Effective decontamination of low dielectric hydrocarbon-polluted soils using microwave heating: Experimental investigation and modelling for in situ treatment</i> By: Falciglia, PP (Falciglia, Pietro P.)[1] ; Mancuso, G (Mancuso, Giuseppe)[1] ; Scandura, P (Scandura, Pietro)[1] ; Vagliasindi, FGA <i>SEPARATION AND PURIFICATION TECHNOLOGY</i> Volume: 156 Pages: 480-488 Part: 2 Published: DEC 17 2015 WOS:000366537900044	0.56

3.23	<p><i>Thermal desorption of PCB-contaminated soil with sodium hydroxide</i> By: Liu, J (Liu, Jie)[1] ; Qi, ZF (Qi, Zhifu)[1] ; Zhao, ZH (Zhao, Zhonghua)[1] ; Li, XD (Li, Xiaodong)[1] ; Buekens, A (Buekens, Alfons)[1] ; Yan, JH (Yan, Jianhua)[1] ; Ni, MJ ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 22 Issue: 24 Pages: 19538-19545 Published: DEC 2015 WOS:000366637300023</p>	0.56
3.24	<p><i>Thermal desorption of PCBs from contaminated soil with copper dichloride</i> By: Liu, J (Liu, Jie)[1] ; Qi, ZF (Qi, Zhifu)[1] ; Li, XD (Li, Xiaodong)[1] ; Chen, T (Chen, Tong)[1] ; Buekens, A (Buekens, Alfons)[1] ; Yan, JH (Yan, Jianhua)[1] ; Ni, MJ ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 22 Issue: 23 Pages: 19093-19100 Published: DEC 2015 WOS:000365816000074</p>	0.56
3.25	<p><i>Effect of oxygen content on the thermal desorption of polychlorinated biphenyl-contaminated soil</i> By: Liu, J (Liu, Jie)[1] ; Qi, ZF (Qi, Zhifu)[1,2] ; Li, XD (Li, Xiaodong)[1] ; Chen, T (Chen, Tong)[1] ; Buekens, A (Buekens, Alfons)[1] ; Yan, JH (Yan, Jianhua)[1] ; Ni, MJ ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 22 Issue: 16 Pages: 12289-12297 Published: AUG 2015 WOS:000358579700030</p>	0.56
3.26	<p><i>Thermal desorption of PCBs from contaminated soil using nano zerovalent iron</i> By: Liu, J (Liu, Jie)[1] ; Chen, T (Chen, Tong)[1] ; Qi, ZF (Qi, Zhifu)[1] ; Yan, JH (Yan, Jianhua)[1] ; Buekens, A (Buekens, Alfons)[1] ; Li, XD ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 21 Issue: 22 Pages: 12739-12746 Published: NOV 2014 WOS:000344546900014</p>	0.56
3.27	<p><i>Effect of co-contaminated soil mixtures as fixed/fluidized bed media on pollutants emission under thermal treatment</i> By: Samaksaman, U., Kuo, J. -H., Peng, T. -H., Wey, M. -Y. INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY Volume: 13 Issue: 2 Pages: 519-528 Published: FEB 2016 WOS:000368163100012</p>	1.25
3.28	<p>Zhao, C., Dong, Y., Feng, Y., Li, Y., & Dong, Y. (2019). <i>Thermal desorption for remediation of contaminated soil: A review</i>. <i>Chemosphere</i>, 221, 841-855.</p>	1.25
3.29	<p>Samaksaman, U., Kuo, J. H., Peng, T. H., & Wey, M. Y. (2016). <i>Effect of co-contaminated soil mixtures as fixed/fluidized bed media on pollutants emission under thermal treatment</i>. <i>International journal of environmental science and technology</i>, 13(2), 519-528.</p>	1.25
3.30	<p>Bianco, F., Monteverde, G., Race, M., Papirio, S., & Esposito, G. (2020). <i>Comparing performances, costs and energy balance of ex situ remediation processes for PAH-contaminated marine sediments</i>. <i>Environmental Science and Pollution Research</i>, 27(16), 19363-19374.</p>	1.25

3.31	Vaughn, S. F., Dinelli, F. D., Kenar, J. A., Jackson, M. A., Thomas, A. J., & Peterson, S. C. (2018). <i>Physical and chemical properties of pyrolyzed biosolids for utilization in sand-based turfgrass rootzones</i> . <i>Waste Management</i> , 76, 98-105.		1.25
3.32	Kang, C. U., Kim, D. H., Khan, M. A., Kumar, R., Ji, S. E., Choi, K. W., ... & Jeon, B. H. (2020). <i>Pyrolytic remediation of crude oil-contaminated soil</i> . <i>Science of the Total Environment</i> , 713, 136498.		1.25
3.33	Haghighi Asl, M., Sargolzaei, J., & Moosavi, F. (2016). <i>Identification of the coke deposited on 13X industrial zeolite molecular sieves during mercaptan removal process</i> . <i>Asia-Pacific Journal of Chemical Engineering</i> , 11(2), 164-178.		1.25
3.34	Zhai, Z. Z., Yang, L. M., Li, Y. Z., Jiang, H. F., Ye, Y., Li, T. T., ... & Li, T. (2019). <i>Fuzzy Coordination Control Strategy and Thermohydraulic Dynamics Modeling of a Natural Gas Heating System for in Situ Soil Thermal Remediation</i> . <i>Entropy</i> , 21(10), 971.		1.25
3.35	Xu, H. J., Li, Y. Z., Gao, L. J., & Zhang, X. (2020). <i>Planned Heating Control Strategy and Thermodynamic Modeling of a Natural Gas Thermal Desorption System for Contaminated Soil</i> . <i>Energies</i> , 13(3), 642.		1.25
3.36	<i>Physical and chemical properties of pyrolyzed biosolids for utilization in sand-based turfgrass rootzones</i> By: Vaughn, Steven F.; Dinelli, F. Dan; Kenar, James A.; et al. WASTE MANAGEMENT Volume: 76 Pages: 98-105 Published: JUN 2018 DOI: 10.1016/j.wasman.2018.04.009 WOS:000435064000010 PubMed ID: 29653882 ISSN: 0956-053X		1.25
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4.1.	Savi, P., Cirielli, D., di Summa, D., Ruscica, G., & Sora, I. N. (2019, September). <i>Analysis of shielding effectiveness of cement composites filled with pyrolyzed biochar</i> . In <i>2019 IEEE 5th International forum on Research and Technology for Society and Industry (RTSI)</i> (pp. 376-379). <i>IEEE</i> .		1.67
5	Zhifu Qi, Tong Chen, Sihong Bai, Mi Yan, Shengyong Lu, Alfons Buekens, Jianhua Yan, Cora Bulmău , Xiaodong Li, Effect of temperature and particle size on the thermal desorption of PCBs from contaminated soil, <i>Environmental Science and Pollution Research</i> , Rev. ISI, vol. 21 (6), 2014, p. 4697-4704, ISSN: 0944-1344, eISSN 1614-7499, DOI 10.1007/s11356-013-2392-4, I.F. 2.6 WOS:000332795700062	8	18.75
5.1	Zhao, C., Dong, Y., Feng, Y., Li, Y., & Dong, Y. (2019). <i>Thermal desorption for remediation of contaminated soil: A review</i> . <i>Chemosphere</i> , 221, 841-855.		0.63

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5.2	<i>Söregård, M., Lindh, A. S., & Ahrens, L. (2020). Thermal desorption as a high removal remediation technique for soils contaminated with per-and polyfluoroalkyl substances (PFASs). PloS one, 15(6), e0234476.</i>	0.63
5.2	<i>Davis, R. J., Liljestrang, H. M., & Katz, L. E. (2020). Evidence for multiple removal pathways in low-temperature (200–400° C) thermal treatment of pentachlorophenol-laden soils. Journal of Hazardous Materials, 400, 122870.</i>	0.63
5.5	<i>He, L., Sang, Y., Yu, W., Li, W., Jiao, Y., Ma, F., ... & Gu, Q. (2020). Polymerization and carbonization behaviors of 2-methylnaphthalene in contaminated soil during thermal desorption. Water, Air, & Soil Pollution, 231(10), 1-10.</i>	0.63
5.6	<i>Wang, B., Wu, A., Li, X., Ji, L., Sun, C., Shen, Z., ... & Chi, Z. (2021). Progress in fundamental research on thermal desorption remediation of organic compound-contaminated soil. Waste Disposal & Sustainable Energy, 1-13.</i>	0.63
5.7	<i>Weber, N. H., Stockenhuber, S. P., Delva, C. S., Abu Fara, A., Grimison, C. C., Lucas, J. A., ... & Kennedy, E. M. (2021). Kinetics of Decomposition of PFOS Relevant to Thermal Desorption Remediation of Soils. Industrial & Engineering Chemistry Research.</i>	0.63
5.8	<i>Xu, H. J., Li, Y. Z., Gao, L. J., & Zhang, X. (2020). Planned Heating Control Strategy and Thermodynamic Modeling of a Natural Gas Thermal Desorption System for Contaminated Soil. Energies, 13(3), 642.</i>	0.63
5.9	<i>Determination of real-world emission factors of trace metals, EC, OC, BTEX, and semivolatile organic compounds (PAHs, PCBs and PCNs) in a rural tunnel in Bilecik, Turkey By: Gaga, Eftade O.; Ari, Akif; Akyol, Nesimi; et al. SCIENCE OF THE TOTAL ENVIRONMENT Volume: 643 Pages: 1285-1296 Published: DEC 1 2018 DOI: 10.1016/j.scitotenv.2018.06.227 WOS:000444625900119 PubMed ID: 30189545 ISSN: 0048-9697 eISSN: 1879-102</i>	0.63
5.10	<i>Distribution of PCDD/Fs over the three product phases in wet sewage sludge pyrolysis By: Dai, Qianjin; Wen, Junming; Jiang, Xuguang; et al. JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS Volume: 133 Pages: 169-175 Published: AUG 2018 https://doi.org/10.1016/j.jaap.2018.04.005 WOS:000435747900021 ISSN: 0165-2370 eISSN: 1873-250X</i>	0.63

5.11	<p><i>Modelling and preliminary technical, energy and economic considerations for full-scale in situ remediation of low-dielectric hydrocarbon-polluted soils by microwave heating (MWH) technique</i> By: Pietro P. FalcigliaEmail authorPietro ScanduraFederico G. A. Vagliasindi <i>JOURNAL OF SOILS AND SEDIMENTS</i> Volume: 18 Issue: 6 Special Issue: SI Pages: 2350-2360 Published: JUN 2018 WOS:000372154600019</p>	0.63
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1.5	<i>Microwave Heating-Mediated Remediation of Hydrocarbon-Polluted Soils: Theoretical Background and Techno-Economic Considerations</i> By: Pietro P. Falciglia , Federico G. A. Vagliasindi <i>Chapter Enhancing Cleanup of Environmental Pollutants</i> 10 May 2017: 75-95 DOI: 10.1007/978-3-319-55423-5_3 https://link.springer.com/chapter/10.1007/978-3-319-55423-5_3		0.33

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1.7	<p><i>Influence Factors on Thermal Desorption of Pahs from Contaminated Soil</i> by Li, L., Li, Y., Wang, L., Wang, Q., Bai, Z., <i>Petroleum Processing and Petrochemicals</i> 49(4), pp. 89-93</p>		0.38
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2.	<p>Cora Bulmău (Gheorghe), Cosmin Mărculescu, Adrian Badea, Tiberiu Apostol, <i>Pyrolysis parameters influencing the biochar generation from wooden biomass</i>, Revista "Buletin Științific" - Seria C: Inginerie Electrică, Ed. POLITEHNICA PRESS 2010, Vol. 72, Nr. 1/2010, p. 29-38, ISSN 1454-234x</p>	4	6.00
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4	ICACEE 2018 : International Conference on Architectural, Civil and Environmental EngineeringKyoto, Japan November 15 - 16, 2018		6.00
5	ICEUSE 2018: International Conference on Environmental and Urban Systems EngineeringBangkok, Thailand December 13 - 14, 2018		6.00

6	CEM 2018: International Conference on Environmental Management Mumbai, India February 22 - 23, 2018		6.00
7	ICMES 2018: International Conference on Marine and Environmental Systems Tokyo, Japan November 12 - 13, 2018		6.00
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3.4.1. Conducere (rector, prorector, cancelar, decan, prodecan, director departament, director scoala doctorala, director, director adj., sef sectie)			0.00
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1	Teza doctorat, Iustina Stanciulescu, Studiu comparativ al procesului de pitoliză aplicat componentelor și amestecului de fracții ligno-celulozice, organice și polimerice, prof. Cosmin Mărculescu, 2020		5.00
2	Teza doctorat, Raluca Tirtea, Studiul proceselor termice de conversie optimă a biomasei prin maximizarea eficienței energetice globale, prof. Cosmin Mărculescu, Iunie 2020		5.00
3	Sustinere examen doctorat, Alexandra Coman, prof. Cristian Dinca, Aprilie 2020		5.00
4	Sustinere examen doctorat, Mircea Macavei, prof. Cosmin Mărculescu, Decembrie 2020		5.00
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