

Maria Gavrilescu

List of Publications by Year in descending order

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188
papers

6,937
citations

147726

31
h-index

69214

77
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191
all docs

191
docs citations

191
times ranked

8045
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial recovery of critical metals from secondary sources. <i>Bioresource Technology</i> , 2022, 344, 126208.	4.8	28
2	Enhancing phytoremediation of soils polluted with heavy metals. <i>Current Opinion in Biotechnology</i> , 2022, 74, 21-31.	3.3	122
3	Modeling the Biosorption Process of Heavy Metal Ions on Soybean-Based Low-Cost Biosorbents Using Artificial Neural Networks. <i>Processes</i> , 2022, 10, 603.	1.3	7
4	Modeling and Optimization of Heavy Metals Biosorption by Low-Cost Sorbents Using Response Surface Methodology. <i>Processes</i> , 2022, 10, 523.	1.3	15
5	New Evidence of Model Crop <i>Brassica napus</i> L. in Soil Clean-Up: Comparison of Tolerance and Accumulation of Lead and Cadmium. <i>Plants</i> , 2021, 10, 2051.	1.6	13
6	Sustainable Application of Biosorption and Bioaccumulation of Persistent Pollutants in Wastewater Treatment: Current Practice. <i>Processes</i> , 2021, 9, 1696.	1.3	49
7	Occurrence and Fate of Emerging Pollutants in Water Environment and Options for Their Removal. <i>Water (Switzerland)</i> , 2021, 13, 181.	1.2	125
8	Behind the Mechanism of Chromium (VI) Removal and Reduction from Aqueous Solutions by Fungal Biomass Using a Bio-Inspired Process Modelling and Optimization. <i>Environmental Science and Engineering</i> , 2021, , 517-521.	0.1	0
9	Water, Soil, and Plants Interactions in a Threatened Environment. <i>Water (Switzerland)</i> , 2021, 13, 2746.	1.2	72
10	ENVIRONMENTAL IMPACTS QUANTIFICATION OF PVC PRODUCTION. <i>Environmental Engineering and Management Journal</i> , 2021, 20, 1693-1702.	0.2	3
11	ARTIFICIAL NEURAL NETWORK APPLIED IN FORECASTING THE COMPOSITION OF MUNICIPAL SOLID WASTE IN IASI, ROMANIA. <i>Journal of Environmental Engineering and Landscape Management</i> , 2021, 29, 368-380.	0.4	1
12	Recovery of Valuable Heavy Metals from Polluted Soil Using Phytomining Process - A New Challenge for Earning Secondary Raw Materials and Health Risk Reduction. , 2021, , .		0
13	Progress in Microbial Bioremediation of Industrial Effluents using Different Bioreactors Design: an Overview. , 2021, , .		2
14	Identification of the Risks Generated in the Environment by Food Waste. , 2021, , .		0
15	Scaling-Up Strategies of Heavy Metals Microbial Bioremediation. , 2021, , .		4
16	Environmental Pressures Generated by Bakery Waste for Sustainable Management. , 2021, , .		2
17	Investigation of the Toxic Effects of Lead on Maize Germination and Growth (<i>Zea mays</i>). , 2021, , .		1
18	Efficacy of Alkaline-Treated Soy Waste Biomass for the Removal of Heavy-Metal Ions and Opportunities for Their Recovery. <i>Materials</i> , 2021, 14, 7413.	1.3	11

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19	Biomass as a resource for environmental bioremediation and bioenergy. , 2020, , 19-63.		2
20	The Beneficial Role of Some Microorganism in Soil Phytoremediation and Mitigation of Health Risk. , 2020, , .		1
21	Medicinal Plants: Linking Herbs Contamination with Human Health Risks. , 2020, , .		4
22	Human Health Risk Associated with the Use of Products from Contaminated Medicinal Plants. , 2020, , .		3
23	Pesticides in the Environment and Harmonized Risk Indicators. , 2020, , .		1
24	Sorption of Organic Pollutants onto Soils: Surface Diffusion Mechanism of Congo Red Azo Dye. Processes, 2020, 8, 1639.	1.3	14
25	Modelling of Health Risk Associated with the Intake of Pesticides from Romanian Fruits and Vegetables. Sustainability, 2020, 12, 10035.	1.6	17
26	Prediction of Equilibrium Sorption Isotherm for Cadmium Biosorption by Microorganisms: Comparison of Linear and Nonlinear Methods. , 2020, , .		4
27	Characterization of heavy metal toxicity in some plants and microorganisms as a preliminary approach for environmental bioremediation. New Biotechnology, 2020, 56, 130-139.	2.4	94
28	KNOWLEDGE TRANSFER IN UNIVERSITY-INDUSTRY RESEARCH COLLABORATION FOR EXTENDING LIFE CYCLE OF MATERIALS IN THE CONTEXT OF CIRCULAR ECONOMY. Environmental Engineering and Management Journal, 2020, 19, 2097-2112.	0.2	5
29	Identification and Valorization of Agri-Food By-Products: An Overview. , 2020, , .		0
30	Human Health Risks Concerning Food Waste Management. , 2020, , .		2
31	Human Risks Generated by the Bioaccumulation of Pollutants in Cereals and their Consumption. , 2020, , .		1
32	Toxicity and Microbial Bioremediation of Chromium Contaminated Effluents. , 2020, , .		4
33	Ecological Risk Assessment of Nickel in Soil and the Effects on the Brassica Napus Growth. , 2019, , .		0
34	Influence of Cadmium and Lead Ions Toxicity on Lettuce Seeds Germination: a Preliminary Analysis. , 2019, , .		6
35	Ecological and Human Health Risks Generated by Organic UV Filters. , 2019, , .		1
36	Solid Waste Management for Circular Economy: Challenges and Opportunities in Romania – The Case Study of Iasi County. Greening of Industry Networks Studies, 2019, , 25-60.	0.7	12

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37	Modelling the behavior of pesticide residues in tomatoes and their associated long-term exposure risks. <i>Journal of Environmental Management</i> , 2019, 233, 523-529.	3.8	35
38	Bioremediation of Persistent Toxic Substances: From Conventional to New Approaches in Using Microorganisms and Plants. <i>Microorganisms for Sustainability</i> , 2019, , 289-312.	0.4	8
39	INFLUENCE OF CONTROLLED RELEASE FERTILIZERS ON <i>Lilium regale</i> SPECIES GROWTH AND FLOWERING. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 1153-1162.	0.2	4
40	Comparison of <i>Rhodotorula</i> sp. and <i>Bacillus megaterium</i> in the removal of cadmium ions from liquid effluents. <i>Green Processing and Synthesis</i> , 2018, 7, 74-88.	1.3	23
41	EVALUATION OF ECO-EFFICIENCY BY MULTICRITERIA DECISION ANALYSIS. CASE STUDY OF ECO-INNOVATED AND ECO-DESIGNED PRODUCTS FROM RECYCLABLE WASTE. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 1791-1804.	0.2	13
42	COMPRESSIVE STRENGTH ANALYSIS ON PROBLEMATIC SOILS STABILIZED WITH FLY ASH IN JORDAN. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 1855-1861.	0.2	3
43	EVALUATION OF HUMAN HEALTH RISKS ASSOCIATED WITH PESTICIDE DIETARY INTAKE - AN OVERVIEW ON QUANTITATIVE UNCERTAINTY ANALYSIS. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 2263-2274.	0.2	10
44	Extending Production Waste Life Cycle and Energy Saving by Eco-Innovation and Eco-Design: The Case of Packaging Manufacturing. <i>Springer Proceedings in Energy</i> , 2018, , 611-631.	0.2	2
45	Biosorption potential of dead and living <i>Arthrobacter viscosus</i> biomass in the removal of Cr(VI): Batch and column studies. <i>Chemical Engineering Research and Design</i> , 2017, 108, 44-56.	2.7	100
46	Adsorption of organic pollutants onto a Romanian soil: Column dynamics and transport. <i>Chemical Engineering Research and Design</i> , 2017, 108, 108-120.	2.7	26
47	Environmental Bioremediation by Biosorption and Bioaccumulation: Principles and Applications. , 2017, , 289-315.		9
48	The role of <i>Arthrobacter viscosus</i> in the removal of Pb(II) from aqueous solutions. <i>Water Science and Technology</i> , 2017, 76, 1726-1738.	1.2	28
49	Overview of human health hazards posed by pesticides in plant products. , 2017, , .		12
50	Rhizobacteria and plant symbiosis in heavy metal uptake and its implications for soil bioremediation. <i>New Biotechnology</i> , 2017, 39, 125-134.	2.4	105
51	Life cycle assessment of paper manufacturing: Environmental and human health impacts. , 2017, , .		1
52	Bioremediation: An Overview on Current Practices, Advances, and New Perspectives in Environmental Pollution Treatment. <i>BioMed Research International</i> , 2017, 2017, 1-2.	0.9	25
53	INTEGRATING SUSTAINABILITY INDICATORS FOR TRACKING ANTHROPOGENIC PRESSURE ON THE EARTH - THE FOOTPRINT FAMILY. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 935-948.	0.2	3
54	EDITORIAL A SPECIAL ISSUE DEDICATED TO THE 8th INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT, ICEEM08 9-12 September 2015, Iasi, Romania. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 509-512.	0.2	0

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55	COSTS ANALYSIS OF MUNICIPAL SOLID WASTE MANAGEMENT SCENARIOS: IASI " ROMANIA CASE STUDY. Journal of Environmental Engineering and Landscape Management, 2016, 24, 185-199.	0.4	17
56	Forecasting municipal solid waste generation using prognostic tools and regression analysis. Journal of Environmental Management, 2016, 182, 80-93.	3.8	125
57	Removal of Erythrosine B dye from water effluents using crop waste pumpkin seed hulls as adsorbent. Desalination and Water Treatment, 2016, 57, 22585-22608.	1.0	25
58	ORGANOCHLORINE PESTICIDE RESIDUES IN SOIL AND EDIBLE VEGETABLE. Environmental Engineering and Management Journal, 2016, 15, 527-535.	0.2	6
59	OCCURRENCE OF PLASTIC WASTE IN THE ENVIRONMENT: ECOLOGICAL AND HEALTH RISKS. Environmental Engineering and Management Journal, 2016, 15, 675-685.	0.2	45
60	Environmental impacts of polyvinyl chloride (PVC) production process. , 2015, , .		19
61	Evaluation of pentachlorophenol leaching potential in natural soils. , 2015, , .		1
62	Potential of biosorption and bioaccumulation processes for heavy metals removal in bioreactors. , 2015, , .		19
63	Efficient removal of Pb(II) ions from accidental polluted waters by adsorption onto thermal activated lignin. , 2015, , .		3
64	Modelling and Optimization of CO ₂ Absorption in Pneumatic Contactors Using Artificial Neural Networks Developed with Clonal Selection-Based Algorithm. International Journal of Nonlinear Sciences and Numerical Simulation, 2015, 16, 97-110.	0.4	4
65	Bioremediation of Heavy Metals by Microalgae. , 2015, , 457-469.		11
66	Emerging pollutants in the environment: present and future challenges in biomonitoring, ecological risks and bioremediation. New Biotechnology, 2015, 32, 147-156.	2.4	850
67	Experimental analysis and mathematical prediction of Cd(II) removal by biosorption using support vector machines and genetic algorithms. New Biotechnology, 2015, 32, 358-368.	2.4	61
68	Modeling and simulation of high pressure water scrubbing technology applied for biogas upgrading. Clean Technologies and Environmental Policy, 2015, 17, 373-391.	2.1	72
69	PRELIMINARY ECOTOXICOLOGICAL EVALUATION OF ERYTHROSIN B AND ITS PHOTOCATALYTIC DEGRADATION PRODUCTS. Environmental Engineering and Management Journal, 2015, 14, 465-471.	0.2	15
70	REMOVAL OF CARBAMAZEPINE BY ELECTROCOAGULATION: INVESTIGATION OF SOME KEY OPERATIONAL PARAMETERS. Environmental Engineering and Management Journal, 2015, 14, 639-645.	0.2	13
71	CHALLENGES AND OPORTUNITIES IN GREEN PLASTICS: AN ASSESSMENT USING THE ELECTRE DECISION-AID METHOD. Environmental Engineering and Management Journal, 2015, 14, 689-702.	0.2	23
72	MONITORING PESTICIDES DEGRADATION IN APPLE FRUITS AND POTENTIAL EFFECTS OF RESIDUES ON HUMAN HEALTH. Journal of Environmental Engineering and Landscape Management, 2014, 22, 171-182.	0.4	14

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73	Biorefinery Systems. , 2014, , 219-241.		16
74	Colloid-Mediated Transport and the Fate of Contaminants in Soils. , 2014, , 397-451.		6
75	Biomass Potential for Sustainable Environment, Biorefinery Products and Energy. Springer Proceedings in Energy, 2014, , 169-194.	0.2	6
76	EVALUATION OF THE ENVIRONMENTAL IMPACT OF ROAD PAVEMENTS FROM A LIFE CYCLE PERSPECTIVE. Environmental Engineering and Management Journal, 2014, 13, 449-455.	0.2	10
77	LIFE CYCLE ASSESSMENT OF WASTE MANAGEMENT AND RECYCLED PAPER SYSTEMS. Environmental Engineering and Management Journal, 2014, 13, 2073-2085.	0.2	28
78	ENVIRONMENTAL IMPACT ASSESSMENT AND THERMAL PERFORMANCES OF MODERN EARTH SHELTERED HOUSES. Environmental Engineering and Management Journal, 2014, 13, 2363-2369.	0.2	9
79	Environmental Impact Assessment of High Pressure Water Scrubbing Biogas Upgrading Technology. Clean - Soil, Air, Water, 2013, 41, 917-927.	0.7	59
80	Comparing environmental impacts of natural inert and recycled construction and demolition waste processing using LCA. Journal of Environmental Engineering and Landscape Management, 2013, 21, 273-287.	0.4	88
81	<sc>UV</sc>/<sc> <sc>TiO</sc> </sc> ₂ Photocatalytic Degradation of Xanthene Dyes. Photochemistry and Photobiology, 2013, 89, 33-39.	1.3	24
82	ANALYSIS AND MODELLING OF THE SOLUBILITY OF BIOGAS COMPONENTS IN WATER FOR PHYSICAL ABSORPTION PROCESSES. Environmental Engineering and Management Journal, 2013, 12, 147-162.	0.2	17
83	EFFECTS OF HEAVY METALS ON <i>Lepidium sativum</i> GERMINATION AND GROWTH. Environmental Engineering and Management Journal, 2013, 12, 727-733.	0.2	36
84	ECOLOGICAL FOOTPRINT APPLIED IN THE ASSESSMENT OF CONSTRUCTION AND DEMOLITION WASTE INTEGRATED MANAGEMENT. Environmental Engineering and Management Journal, 2013, 12, 779-788.	0.2	40
85	INTEGRATED NETWORK OF CONTINUOUS REACTORS FOR THE DECONTAMINATION OF GASEOUS STREAMS IN HETEROGENEOUS CATALYTIC GAS-LIQUID-SOLID SYSTEMS. Environmental Engineering and Management Journal, 2013, 12, 1603-1617.	0.2	2
86	INTER-REGGIO: CONCEPT OF RESTORATION PROJECTS OF LOCAL STREAMS. Environmental Engineering and Management Journal, 2013, 12, 1735-1746.	0.2	3
87	COMPARISON OF COMBINED ETHANOL AND BIOGAS POLYGENERATION FACILITIES USING EXERGY ANALYSIS. Environmental Engineering and Management Journal, 2013, 12, 1575-1582.	0.2	0
88	HUMAN HEALTH RELATED TO IODINE ENVIRONMENTAL OCCURRENCE AND ITS DEFICIENCY IN WATER AND FOOD. Environmental Engineering and Management Journal, 2013, 12, 1045-1049.	0.2	1
89	ENVIRONMENTAL EVALUATION OF WASTE MANAGEMENT SCENARIOS – SIGNIFICANCE OF THE BOUNDARIES APLINKOSAUGINIS ATLIEKĀ? TVARKYMO SCENARIJĀ? ĀVERTINIMAS – RIBĀ? REIKĀMINGUMAS / ÆŸÐÐ`ÐÐžÐ”ÐžÐŸÐÐÐÐÐÐ ÐÐÐ		
90	Biological decolorization of xanthene dyes by anaerobic granular biomass. Biodegradation, 2012, 23, 725-737.	1.5	55

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91	EVALUATION OF HEAVY METALS TOXICITY ON TWO MICROBIAL STRAINS ISOLATED FROM SOIL: <i>Azotobacter</i> sp. AND <i>Pichia</i> sp.. Environmental Engineering and Management Journal, 2012, 11, 165-168.	0.2	11
92	ANALYSIS AND MANAGEMENT OF SPECIFIC PROCESSES FROM ENVIRONMENTAL ENGINEERING AND PROTECTION BASED ON SUSTAINABILITY INDICATORS. Environmental Engineering and Management Journal, 2012, 11, 333-350.	0.2	10
93	APPLICATION OF NATURAL ZEOLITES AS SORBENTS IN THE CLEAN-UP OF AQUEOUS STREAMS. Environmental Engineering and Management Journal, 2012, 11, 867-878.	0.2	9
94	AIRLIFT REACTORS: APPLICATIONS IN WASTEWATER TREATMENT. Environmental Engineering and Management Journal, 2012, 11, 1505-1515.	0.2	16
95	SORPTIVE REMOVAL OF CADMIUM(II) IONS FROM AQUEOUS SOLUTION BY MUSTARD BIOMASS. Environmental Engineering and Management Journal, 2012, 11, 1969-1976.	0.2	9
96	AEROBIC BIODEGRADATION OF PHENOL BY ACTIVATED SLUDGE IN A BATCH REACTOR. Environmental Engineering and Management Journal, 2012, 11, 2053-2058.	0.2	9
97	REDUCING ENVIRONMENTAL RISK OF LANDFILLS: LEACHATE TREATMENT BY REVERSE OSMOSIS. Environmental Engineering and Management Journal, 2012, 11, 2319-2331.	0.2	13
98	EDITORIAL - A SPECIAL ISSUE DEDICATED TO THE 6th INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT ICEEM06, 2011, 01-04 September 2011, Balatonalmadi, Hungary. Environmental Engineering and Management Journal, 2012, 11, 1-4.	0.2	1
99	EDITORIAL - A SPECIAL ISSUE DEDICATED TO ENVIRONMENTAL BIOTECHNOLOGY FOR THE KNOWLEDGE-BASED BIO AND GREEN ECONOMY. Environmental Engineering and Management Journal, 2012, 11, 1731-1732.	0.2	0
100	Soil and groundwater cleanup: benefits and limits of emerging technologies. Clean Technologies and Environmental Policy, 2011, 13, 241-268.	2.1	120
101	SUSTAINABILITY IN ENVIRONMENTAL REMEDIATION. Environmental Engineering and Management Journal, 2011, 10, 1987-1996.	0.2	13
102	STUDY OF CADMIUM SORPTION ON SOME ROMANIAN SOILS. Environmental Engineering and Management Journal, 2011, 10, 367-373.	0.2	1
103	Options for the Treatment and Management of Municipal Landfill Leachate: Common and Specific Issues. Clean - Soil, Air, Water, 2010, 38, 1101-1110.	0.7	86
104	Biosorption in Environmental Remediation. , 2010, , 35-99.		11
105	EQUILIBRIUM AND KINETIC STUDIES OF ACID DYE SORPTION ONTO SOILS FROM IASI AREA. Environmental Engineering and Management Journal, 2010, 9, 57-66.	0.2	6
106	ANALYSIS OF FACTORS DETERMINING THE BEHAVIOUR OF CHROMIUM IN SOME ROMANIAN SOILS. Environmental Engineering and Management Journal, 2010, 9, 89-94.	0.2	7
107	POLLUTION PREVENTION, A KEY TO ECONOMIC AND ENVIRONMENTAL SUSTAINABILITY. Environmental Engineering and Management Journal, 2010, 9, 597-614.	0.2	26
108	AIRLIFT REACTORS: HYDRODYNAMICS, MASS TRANSFER AND APPLICATIONS IN ENVIRONMENTAL REMEDIATION. Environmental Engineering and Management Journal, 2010, 9, 681-702.	0.2	9

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109	DECISION SUPPORT MODELS FOR SOLID WASTE MANAGEMENT - AN OVERVIEW. Environmental Engineering and Management Journal, 2010, 9, 869-880.	0.2	18
110	MUNICIPAL SOLID WASTE LANDFILLING AND TREATMENT OF RESULTING LIQUID EFFLUENTS. Environmental Engineering and Management Journal, 2010, 9, 993-1019.	0.2	17
111	Pharmaceuticals, Personal Care Products and Endocrine Disrupting Agents in the Environment – A Review. Clean - Soil, Air, Water, 2009, 37, 277-303.	0.7	386
112	Cadmium tolerance and adsorption by the marine brown alga <i>Fucus vesiculosus</i> from the Irish Sea and the Bothnian Sea. Bioresource Technology, 2009, 100, 1727-1733.	4.8	60
113	Characterization and remediation of soils contaminated with uranium. Journal of Hazardous Materials, 2009, 163, 475-510.	6.5	481
114	APPLICATION OF NATURAL MATERIALS AS SORBENTS FOR PERSISTENT ORGANIC POLLUTANTS. Environmental Engineering and Management Journal, 2009, 8, 243-252.	0.2	12
115	REMOVAL OF SOME ENVIRONMENTALLY RELEVANT HEAVY METALS USING LOW-COST NATURAL SORBENTS. Environmental Engineering and Management Journal, 2009, 8, 353-372.	0.2	35
116	UTILIZATION OF COAL FLY ASH FROM POWER PLANTS. Environmental Engineering and Management Journal, 2009, 8, 513-520.	0.2	16
117	PLANT PROTECTION PRODUCTS AND THEIR SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY USE. Environmental Engineering and Management Journal, 2009, 8, 607-627.	0.2	22
118	STUDY OF MORPHOLOGY FOR GEOPOLYMER MATERIALS OBTAINED FROM FLY ASH. Environmental Engineering and Management Journal, 2009, 8, 1021-1027.	0.2	12
119	INFLUENCE OF SOIL PARTICLE SIZE ONTO SORPTION OF TARTRAZINE FROM AQUEOUS SOLUTIONS. Environmental Engineering and Management Journal, 2009, 8, 1081-1087.	0.2	3
120	IMPACT OF LANDFILL LEACHATE ON SOIL QUALITY IN IASI COUNTY. Environmental Engineering and Management Journal, 2009, 8, 1155-1164.	0.2	10
121	BIOAVAILABILITY PROCESSES FOR CONTAMINANTS IN SOILS AND THEIR USE IN RISK ASSESSMENT. Environmental Engineering and Management Journal, 2009, 8, 1199-1206.	0.2	21
122	EMERGING PROCESSES FOR SOIL AND GROUNDWATER CLEANUP - POTENTIAL BENEFITS AND RISKS. Environmental Engineering and Management Journal, 2009, 8, 1293-1307.	0.2	15
123	STUDIES ON SORPTION AND TRANSPORT PROCESSES OF CADMIUM IN SOILS. Environmental Engineering and Management Journal, 2009, 8, 1315-1320.	0.2	6
124	STUDY REGARDING THE SORPTION OF ERYTHROSINE FROM AQUEOUS SOLUTION ONTO SOIL. Environmental Engineering and Management Journal, 2009, 8, 1339-1346.	0.2	3
125	AN INVESTIGATION OF THE SORPTION OF ACID ORANGE 7 FROM AQUEOUS SOLUTION ONTO SOIL. Environmental Engineering and Management Journal, 2009, 8, 1391-1402.	0.2	26
126	BEHAVIOUR OF PERSISTENT POLLUTANTS AND RISKS ASSOCIATED WITH THEIR PRESENCE IN THE ENVIRONMENT - INTEGRATED STUDIES. Environmental Engineering and Management Journal, 2009, 8, 1517-1531.	0.2	26

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127	Response surface methodology applied for Orange II photocatalytic degradation in TiO ₂ aqueous suspensions. Journal of Chemical Technology and Biotechnology, 2008, 83, 1454-1465.	1.6	38
128	Strategies and Practices for Sustainable Use of Water in Industrial Papermaking Processes. Engineering in Life Sciences, 2008, 8, 99-124.	2.0	29
129	Neural Networks and Genetic Algorithms Optimization of the Photocatalytic Degradation of Alcian Blue 8GX. Journal of Advanced Oxidation Technologies, 2008, 11, .	0.5	5
130	SORPTION OF CATIONIC DYES FROM AQUEOUS SOLUTION ONTO NATURAL CLAY. EQUILIBRIUM AND KINETIC STUDY. Environmental Engineering and Management Journal, 2008, 7, 301-308.	0.2	8
131	TRIPHASIC EXTERNAL-LOOP AIRLIFT REACTORS. HYDRODYNAMIC AND DISPERSION STUDIES. Environmental Engineering and Management Journal, 2008, 7, 217-225.	0.2	2
132	MUNICIPAL SOLID WASTE MANAGEMENT IN DEVELOPING COUNTRIES: A PERSPECTIVE ON VIETNAM. Environmental Engineering and Management Journal, 2008, 7, 469-478.	0.2	21
133	BIOMASS - AN IMPORTANT RENEWABLE SOURCE OF ENERGY IN ROMANIA. Environmental Engineering and Management Journal, 2008, 7, 559-568.	0.2	28
134	BIOMASS POWER FOR ENERGY AND SUSTAINABLE DEVELOPMENT. Environmental Engineering and Management Journal, 2008, 7, 617-640.	0.2	33
135	MIGRATION AND FATE OF PERSISTENT ORGANIC POLLUTANTS IN THE ATMOSPHERE - A MODELLING APPROACH. Environmental Engineering and Management Journal, 2008, 7, 743-761.	0.2	16
136	OVERVIEW OF EX SITU DECONTAMINATION TECHNIQUES FOR SOIL CLEANUP. Environmental Engineering and Management Journal, 2008, 7, 815-834.	0.2	103
137	Rate-based design of integrated distillation sequences. Computer Aided Chemical Engineering, 2007, , 1053-1058.	0.3	0
138	MODELLING AND SIMULATION OF HEAVY METALS TRANSPORT IN WATER AND SEDIMENTS. Environmental Engineering and Management Journal, 2007, 6, 153-161.	0.2	30
139	MARINE MICRO AND MACRO ALGAL SPECIES AS BIOSORBENTS FOR HEAVY METALS. Environmental Engineering and Management Journal, 2007, 6, 237-251.	0.2	108
140	SOLID WASTE IN ROMANIA: MANAGEMENT, TREATMENT AND POLLUTION PREVENTION PRACTICES. Environmental Engineering and Management Journal, 2007, 6, 451-465.	0.2	21
141	STUDY CONCERNING THE INFLUENCE OF OXIDIZING AGENTS ON HETEROGENEOUS PHOTOCATALYTIC DEGRADATION OF PERSISTENT ORGANIC POLLUTANTS. Environmental Engineering and Management Journal, 2007, 6, 483-489.	0.2	3
142	METHODS AND PROCEDURES FOR ENVIRONMENTAL RISK ASSESSMENT. Environmental Engineering and Management Journal, 2007, 6, 573-592.	0.2	23
143	OVERVIEW OF IN SITU REMEDIATION TECHNOLOGIES FOR SITES AND GROUNDWATER. Environmental Engineering and Management Journal, 2006, 5, 79-114.	0.2	14
144	ENVIRONMENTAL BEHAVIOUR AND ASSESSMENT OF PERSISTENT ORGANIC POLLUTANTS. Environmental Engineering and Management Journal, 2006, 5, 213-241.	0.2	4

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145	PERSISTENT ORGANIC POLLUTANTS IN ENVIRONMENT: INVENTORY PROCEDURES AND MANAGEMENT IN THE CONTEXT OF THE STOCKHOLM CONVENTION. <i>Environmental Engineering and Management Journal</i> , 2006, 5, 1011-1028.	0.2	16
146	IMPLEMENTING THE EUROPEAN LEGISLATION CONCERNING DANGEROUS CHEMICALS AND GOODS. THE MATERIAL SAFETY DATA SHEET. <i>Environmental Engineering and Management Journal</i> , 2006, 5, 847-862.	0.2	3
147	Fate of Pesticides in the Environment and its Bioremediation. <i>Engineering in Life Sciences</i> , 2005, 5, 497-526.	2.0	460
148	Biotechnology a sustainable alternative for chemical industry. <i>Biotechnology Advances</i> , 2005, 23, 471-499.	6.0	541
149	BIOSORPTION OF Cu ²⁺ IONS FROM AQUEOUS SOLUTION BY <i>Enteromorpha</i> sp.. <i>Environmental Engineering and Management Journal</i> , 2005, 4, 41-50.	0.2	5
150	Removal of Heavy Metals from the Environment by Biosorption. <i>Engineering in Life Sciences</i> , 2004, 4, 219-232.	2.0	575
151	CLEANER PRODUCTION AS A TOOL FOR SUSTAINABLE DEVELOPMENT. <i>Environmental Engineering and Management Journal</i> , 2004, 3, 45-70.	0.2	27
152	STUDIES OF VARIOUS WASTEWATER NITRIFICATION BIOREACTOR TYPES BASED ON MODELLING AND SIMULATION. <i>Environmental Engineering and Management Journal</i> , 2004, 3, 101-128.	0.2	14
153	BIODEGRADATION - INNOVATIVE TECHNOLOGY FOR TREATING GASEOUS FLUXES CONTAINING VOCs. <i>Environmental Engineering and Management Journal</i> , 2004, 3, 737-754.	0.2	2
154	MODELLING AND SIMULATION OF THREE PHASE BIOREACTORS APPLIED TO THE DEPOLLUTION OF GASEOUS STREAMS CONTAINING VOLATILE ORGANIC COMPOUNDS - A COMPARISON BETWEEN FIXED BED AND FLUIDIZED BED BIOREACTORS. <i>Environmental Engineering and Management Journal</i> , 2004, 3, 177-197.	0.2	0
155	SURVEY ON THE TREATMENT OF GASEOUS STREAMS CONTAINING VOLATILE ORGANIC COMPOUNDS. <i>Environmental Engineering and Management Journal</i> , 2003, 2, 79-103.	0.2	2
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