

# Maria Gavrilescu

## List of Publications by Year in descending order

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188  
papers

6,937  
citations

147801

31  
h-index

69250

77  
g-index

191  
all docs

191  
docs citations

191  
times ranked

8045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging pollutants in the environment: present and future challenges in biomonitoring, ecological risks and bioremediation. <i>New Biotechnology</i> , 2015, 32, 147-156.	4.4	850
2	Removal of Heavy Metals from the Environment by Biosorption. <i>Engineering in Life Sciences</i> , 2004, 4, 219-232.	3.6	575
3	Biotechnology – a sustainable alternative for chemical industry. <i>Biotechnology Advances</i> , 2005, 23, 471-499.	11.7	541
4	Characterization and remediation of soils contaminated with uranium. <i>Journal of Hazardous Materials</i> , 2009, 163, 475-510.	12.4	481
5	Fate of Pesticides in the Environment and its Bioremediation. <i>Engineering in Life Sciences</i> , 2005, 5, 497-526.	3.6	460
6	Pharmaceuticals, Personal Care Products and Endocrine Disrupting Agents in the Environment – A Review. <i>Clean - Soil, Air, Water</i> , 2009, 37, 277-303.	1.1	386
7	Forecasting municipal solid waste generation using prognostic tools and regression analysis. <i>Journal of Environmental Management</i> , 2016, 182, 80-93.	7.8	125
8	Occurrence and Fate of Emerging Pollutants in Water Environment and Options for Their Removal. <i>Water (Switzerland)</i> , 2021, 13, 181.	2.7	125
9	Enhancing phytoremediation of soils polluted with heavy metals. <i>Current Opinion in Biotechnology</i> , 2022, 74, 21-31.	6.6	122
10	Soil and groundwater cleanup: benefits and limits of emerging technologies. <i>Clean Technologies and Environmental Policy</i> , 2011, 13, 241-268.	4.1	120
11	MARINE MICRO AND MACRO ALGAL SPECIES AS BIOSORBENTS FOR HEAVY METALS. <i>Environmental Engineering and Management Journal</i> , 2007, 6, 237-251.	0.6	108
12	Rhizobacteria and plant symbiosis in heavy metal uptake and its implications for soil bioremediation. <i>New Biotechnology</i> , 2017, 39, 125-134.	4.4	105
13	OVERVIEW OF EX SITU DECONTAMINATION TECHNIQUES FOR SOIL CLEANUP. <i>Environmental Engineering and Management Journal</i> , 2008, 7, 815-834.	0.6	103
14	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.	5.6	100
15	Characterization of heavy metal toxicity in some plants and microorganisms – A preliminary approach for environmental bioremediation. <i>New Biotechnology</i> , 2020, 56, 130-139.	4.4	94
16	Comparing environmental impacts of natural inert and recycled construction and demolition waste processing using LCA. <i>Journal of Environmental Engineering and Landscape Management</i> , 2013, 21, 273-287.	1.0	88
17	Options for the Treatment and Management of Municipal Landfill Leachate: Common and Specific Issues. <i>Clean - Soil, Air, Water</i> , 2010, 38, 1101-1110.	1.1	86
18	Modeling and simulation of high pressure water scrubbing technology applied for biogas upgrading. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 373-391.	4.1	72

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19	Water, Soil, and Plants Interactions in a Threatened Environment. Water (Switzerland), 2021, 13, 2746.	2.7	72
20	Experimental analysis and mathematical prediction of Cd(II) removal by biosorption using support vector machines and genetic algorithms. New Biotechnology, 2015, 32, 358-368.	4.4	61
21	Cadmium tolerance and adsorption by the marine brown alga Fucus vesiculosus from the Irish Sea and the Bothnian Sea. Bioresource Technology, 2009, 100, 1727-1733.	9.6	60
22	Environmental Impact Assessment of High Pressure Water Scrubbing Biogas Upgrading Technology. Clean - Soil, Air, Water, 2013, 41, 917-927.	1.1	59
23	Biological decolorization of xanthene dyes by anaerobic granular biomass. Biodegradation, 2012, 23, 725-737.	3.0	55
24	Mixing studies in external-loop airlift reactors. Chemical Engineering Journal, 1997, 66, 97-104.	12.7	53
25	Sustainable Application of Biosorption and Bioaccumulation of Persistent Pollutants in Wastewater Treatment: Current Practice. Processes, 2021, 9, 1696.	2.8	49
26	Residence time distribution of the liquid phase in a concentric-tube airlift reactor. Chemical Engineering and Processing: Process Intensification, 1999, 38, 225-238.	3.6	47
27	OCCURRENCE OF PLASTIC WASTE IN THE ENVIRONMENT: ECOLOGICAL AND HEALTH RISKS. Environmental Engineering and Management Journal, 2016, 15, 675-685.	0.6	45
28	ECOLOGICAL FOOTPRINT APPLIED IN THE ASSESSMENT OF CONSTRUCTION AND DEMOLITION WASTE INTEGRATED MANAGEMENT. Environmental Engineering and Management Journal, 2013, 12, 779-788.	0.6	40
29	Response surface methodology applied for Orange II photocatalytic degradation in TiO <sub>2</sub> aqueous suspensions. Journal of Chemical Technology and Biotechnology, 2008, 83, 1454-1465.	3.2	38
30	EFFECTS OF HEAVY METALS ON Lepidium sativum GERMINATION AND GROWTH. Environmental Engineering and Management Journal, 2013, 12, 727-733.	0.6	36
31	Modelling the behavior of pesticide residues in tomatoes and their associated long-term exposure risks. Journal of Environmental Management, 2019, 233, 523-529.	7.8	35
32	REMOVAL OF SOME ENVIRONMENTALLY RELEVANT HEAVY METALS USING LOW-COST NATURAL SORBENTS. Environmental Engineering and Management Journal, 2009, 8, 353-372.	0.6	35
33	BIOMASS POWER FOR ENERGY AND SUSTAINABLE DEVELOPMENT. Environmental Engineering and Management Journal, 2008, 7, 617-640.	0.6	33
34	ENVIRONMENTAL EVALUATION OF WASTE MANAGEMENT SCENARIOS – SIGNIFICANCE OF THE BOUNDARIES APLINKOSAUGINIS ATLIKĀ <sup>2</sup> TVARKYMO SCENARIJŲ <sup>2</sup> ĀVERTINIMAS – RIBŲ <sup>2</sup> REIKĀMINGUMAS / “ENVIRONMENTAL EVALUATION OF WASTE MANAGEMENT SCENARIOS – SIGNIFICANCE OF THE BOUNDARIES APLINKOSAUGINIS ATLIKĀ <sup>2</sup> TVARKYMO SCENARIJŲ <sup>2</sup> ĀVERTINIMAS – RIBŲ <sup>2</sup> REIKĀMINGUMAS”	0.6	30
35	Process engineering in biological aerobic waste-water treatment. Acta Biotechnologica, 1999, 19, 111-145.	0.9	30
36	MODELLING AND SIMULATION OF HEAVY METALS TRANSPORT IN WATER AND SEDIMENTS. Environmental Engineering and Management Journal, 2007, 6, 153-161.	0.6	30

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37	Strategies and Practices for Sustainable Use of Water in Industrial Papermaking Processes. Engineering in Life Sciences, 2008, 8, 99-124.	3.6	29
38	The role of <i>Arthrobacter viscosus</i> in the removal of Pb(II) from aqueous solutions. Water Science and Technology, 2017, 76, 1726-1738.	2.5	28
39	BIOMASS - AN IMPORTANT RENEWABLE SOURCE OF ENERGY IN ROMANIA. Environmental Engineering and Management Journal, 2008, 7, 559-568.	0.6	28
40	LIFE CYCLE ASSESSMENT OF WASTE MANAGEMENT AND RECYCLED PAPER SYSTEMS. Environmental Engineering and Management Journal, 2014, 13, 2073-2085.	0.6	28
41	Microbial recovery of critical metals from secondary sources. Bioresource Technology, 2022, 344, 126208.	9.6	28
42	The volumetric oxygen mass transfer coefficient in antibiotic biosynthesis liquids. Acta Biotechnologica, 1993, 13, 59-70.	0.9	27
43	Effects of downcomer-to-riser cross sectional area ratio on operation behaviour of external-loop airlift bioreactors. Bioprocess and Biosystems Engineering, 1996, 15, 77-85.	0.5	27
44	CLEANER PRODUCTION AS A TOOL FOR SUSTAINABLE DEVELOPMENT. Environmental Engineering and Management Journal, 2004, 3, 45-70.	0.6	27
45	Adsorption of organic pollutants onto a Romanian soil: Column dynamics and transport. Chemical Engineering Research and Design, 2017, 108, 108-120.	5.6	26
46	AN INVESTIGATION OF THE SORPTION OF ACID ORANGE 7 FROM AQUEOUS SOLUTION ONTO SOIL. Environmental Engineering and Management Journal, 2009, 8, 1391-1402.	0.6	26
47	BEHAVIOUR OF PERSISTENT POLLUTANTS AND RISKS ASSOCIATED WITH THEIR PRESENCE IN THE ENVIRONMENT - INTEGRATED STUDIES. Environmental Engineering and Management Journal, 2009, 8, 1517-1531.	0.6	26
48	POLLUTION PREVENTION, A KEY TO ECONOMIC AND ENVIRONMENTAL SUSTAINABILITY. Environmental Engineering and Management Journal, 2010, 9, 597-614.	0.6	26
49	Study of the liquid circulation velocity in external-loop airlift bioreactors. Bioprocess and Biosystems Engineering, 1995, 14, 33-39.	0.5	25
50	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
51	Bioremediation: An Overview on Current Practices, Advances, and New Perspectives in Environmental Pollution Treatment. BioMed Research International, 2017, 2017, 1-2.	1.9	25
52	Cultivation of a filamentous mould in an airlift bioreactor. Acta Biotechnologica, 1995, 15, 323-335.	0.9	24
53	$\text{TiO}_2$ Photocatalytic Degradation of Xanthene Dyes. Photochemistry and Photobiology, 2013, 89, 33-39.	2.5	24
54	Comparison of <i>Rhodotorula</i> sp. and <i>Bacillus megaterium</i> in the removal of cadmium ions from liquid effluents. Green Processing and Synthesis, 2018, 7, 74-88.	3.4	23

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55	METHODS AND PROCEDURES FOR ENVIRONMENTAL RISK ASSESSMENT. Environmental Engineering and Management Journal, 2007, 6, 573-592.	0.6	23
56	CHALLENGES AND OPORTUNITIES IN GREEN PLASTICS: AN ASSESSMENT USING THE ELECTRE DECISION-AID METHOD. Environmental Engineering and Management Journal, 2015, 14, 689-702.	0.6	23
57	PLANT PROTECTION PRODUCTS AND THEIR SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY USE. Environmental Engineering and Management Journal, 2009, 8, 607-627.	0.6	22
58	SOLID WASTE IN ROMANIA: MANAGEMENT, TREATMENT AND POLLUTION PREVENTION PRACTICES. Environmental Engineering and Management Journal, 2007, 6, 451-465.	0.6	21
59	MUNICIPAL SOLID WASTE MANAGEMENTIN DEVELOPING COUNTRIES: A PERSPECTIVE ON VIETNAM. Environmental Engineering and Management Journal, 2008, 7, 469-478.	0.6	21
60	BIOAVAILABILITY PROCESSES FOR CONTAMINANTS IN SOILS AND THEIR USE IN RISK ASSESSMENT. Environmental Engineering and Management Journal, 2009, 8, 1199-1206.	0.6	21
61	Rheological behaviour of some antibiotic biosynthesis liquids. Acta Biotechnologica, 1992, 12, 383-396.	0.9	19
62	Hydrodynamics in external-loop airlift bioreactors with static mixers. Bioprocess and Biosystems Engineering, 1997, 16, 93.	0.5	19
63	Concentric-tube airlift bioreactors. Bioprocess and Biosystems Engineering, 1998, 19, 37.	0.5	19
64	Modelling of liquid circulation velocity in concentric-tube airlift reactors. Chemical Engineering Journal, 1998, 69, 85-91.	12.7	19
65	Environmental impacts of polyvinyl chloride (PVC) production process. , 2015, , .		19
66	Potential of biosorption and bioaccumulation processes for heavy metals removal in bioreactors. , 2015, , .		19
67	DECISION SUPPORT MODELS FOR SOLID WASTE MANAGEMENT - AN OVERVIEW. Environmental Engineering and Management Journal, 2010, 9, 869-880.	0.6	18
68	Oxygen transfer efficiency in the biosynthesis of antibiotics in bioreactors with a modified RUSHTON turbine agitator. Acta Biotechnologica, 1994, 14, 181-192.	0.9	17
69	COSTS ANALYSIS OF MUNICIPAL SOLID WASTE MANAGEMENT SCENARIOS: IASI â€œ ROMANIA CASE STUDY. Journal of Environmental Engineering and Landscape Management, 2016, 24, 185-199.	1.0	17
70	Modelling of Health Risk Associated with the Intake of Pesticides from Romanian Fruits and Vegetables. Sustainability, 2020, 12, 10035.	3.2	17
71	MUNICIPAL SOLID WASTE LANDFILLING AND TREATMENT OF RESULTING LIQUID EFFLUENTS. Environmental Engineering and Management Journal, 2010, 9, 993-1019.	0.6	17
72	ANALYSIS AND MODELLING OF THE SOLUBILITY OF BIOGAS COMPONENTS IN WATER FOR PHYSICAL ABSORPTION PROCESSES. Environmental Engineering and Management Journal, 2013, 12, 147-162.	0.6	17

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73	Residence time distribution of liquid phase in an external-loop airlift bioreactor. Bioprocess and Biosystems Engineering, 1996, 14, 183-193.	0.5	16
74	Biorefinery Systems. , 2014, , 219-241.		16
75	PERSISTENT ORGANIC POLLUTANTS IN ENVIRONMENT: INVENTORY PROCEDURES AND MANAGEMENT IN THE CONTEXT OF THE STOCKHOLM CONVENTION. Environmental Engineering and Management Journal, 2006, 5, 1011-1028.	0.6	16
76	MIGRATION AND FATE OF PERSISTENT ORGANIC POLLUTANTS IN THE ATMOSPHERE - A MODELLING APPROACH. Environmental Engineering and Management Journal, 2008, 7, 743-761.	0.6	16
77	UTILIZATION OF COAL FLY ASH FROM POWER PLANTS. Environmental Engineering and Management Journal, 2009, 8, 513-520.	0.6	16
78	AIRLIFT REACTORS: APPLICATIONS IN WASTEWATER TREATMENT. Environmental Engineering and Management Journal, 2012, 11, 1505-1515.	0.6	16
79	EMERGING PROCESSES FOR SOIL AND GROUNDWATER CLEANUP - POTENTIAL BENEFITS AND RISKS. Environmental Engineering and Management Journal, 2009, 8, 1293-1307.	0.6	15
80	PRELIMINARY ECOTOXICOLOGICAL EVALUATION OF ERYTHROSIN B AND ITS PHOTOCATALYTIC DEGRADATION PRODUCTS. Environmental Engineering and Management Journal, 2015, 14, 465-471.	0.6	15
81	Modeling and Optimization of Heavy Metals Biosorption by Low-Cost Sorbents Using Response Surface Methodology. Processes, 2022, 10, 523.	2.8	15
82	Investigation of the bacitracin biosynthesis in an airlift bioreactor. Acta Biotechnologica, 1993, 13, 161-175.	0.9	14
83	Hydrodynamics of non-Newtonian liquids in external-loop airlift bioreactors. Bioprocess and Biosystems Engineering, 1998, 18, 83.	0.5	14
84	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.	1.0	14
85	Sorption of Organic Pollutants onto Soils: Surface Diffusion Mechanism of Congo Red Azo Dye. Processes, 2020, 8, 1639.	2.8	14
86	STUDIES OF VARIOUS WASTEWATER NITRIFICATION BIOREACTOR TYPES BASED ON MODELLING AND SIMULATION. Environmental Engineering and Management Journal, 2004, 3, 101-128.	0.6	14
87	OVERVIEW OF IN SITU REMEDIATION TECHNOLOGIES FOR SITES AND GROUNDWATER. Environmental Engineering and Management Journal, 2006, 5, 79-114.	0.6	14
88	Oxygen mass transfer and gas holdup in a bubble column bioreactor with biosynthesis liquids. Acta Biotechnologica, 1994, 14, 27-36.	0.9	13
89	EFFECTS OF GEOMETRY ON HYDRODYNAMICS IN EXTERNAL-LOOP AIRLIFT REACTORS. Chemical Engineering Communications, 1997, 156, 89-113.	2.6	13
90	New Evidence of Model Crop Brassica napus L. in Soil Clean-Up: Comparison of Tolerance and Accumulation of Lead and Cadmium. Plants, 2021, 10, 2051.	3.5	13

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91	SUSTAINABILITY IN ENVIRONMENTAL REMEDIATION. Environmental Engineering and Management Journal, 2011, 10, 1987-1996.	0.6	13
92	REDUCING ENVIRONMENTAL RISK OF LANDFILLS: LEACHATE TREATMENT BY REVERSE OSMOSIS. Environmental Engineering and Management Journal, 2012, 11, 2319-2331.	0.6	13
93	REMOVAL OF CARBAMAZEPINE BY ELECTROCOAGULATION: INVESTIGATION OF SOME KEY OPERATIONAL PARAMETERS. Environmental Engineering and Management Journal, 2015, 14, 639-645.	0.6	13
94	EVALUATION OF ECO-EFFICIENCY BY MULTICRITERIA DECISION ANALYSIS. CASE STUDY OF ECO-INNOVATED AND ECO-DESIGNED PRODUCTS FROM RECYCLABLE WASTE. Environmental Engineering and Management Journal, 2018, 17, 1791-1804.	0.6	13
95	Intensification of transfer processes in biotechnology and chemical engineering using static mixers. (Review). Acta Biotechnologica, 1995, 15, 3-26.	0.9	12
96	Performance of industrial scale bioreactors with modified RUSHTON turbine agitators. Acta Biotechnologica, 1996, 16, 43-56.	0.9	12
97	Overview of human health hazards posed by pesticides in plant products. , 2017, , .		12
98	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.	1.3	12
99	APPLICATION OF NATURAL MATERIALS AS SORBENTS FOR PERSISTENT ORGANIC POLLUTANTS. Environmental Engineering and Management Journal, 2009, 8, 243-252.	0.6	12
100	STUDY OF MORPHOLOGY FOR GEOPOLYMER MATERIALS OBTAINED FROM FLY ASH. Environmental Engineering and Management Journal, 2009, 8, 1021-1027.	0.6	12
101	Concentric-tube airlift bioreactors. Bioprocess and Biosystems Engineering, 1998, 19, 103.	0.5	11
102	Concentric-tube airlift bioreactors. Bioprocess and Biosystems Engineering, 1998, 19, 175.	0.5	11
103	Biosorption in Environmental Remediation. , 2010, , 35-99.		11
104	Bioremediation of Heavy Metals by Microalgae. , 2015, , 457-469.		11
105	EVALUATION OF HEAVY METALS TOXICITY ON TWO MICROBIAL STRAINS ISOLATED FROM SOIL: Azotobacter sp. AND Pichia sp.. Environmental Engineering and Management Journal, 2012, 11, 165-168.	0.6	11
106	Efficacy of Alkaline-Treated Soy Waste Biomass for the Removal of Heavy-Metal Ions and Opportunities for Their Recovery. Materials, 2021, 14, 7413.	2.9	11
107	IMPACT OF LANDFILL LEACHATE ON SOIL QUALITY IN IASI COUNTY. Environmental Engineering and Management Journal, 2009, 8, 1155-1164.	0.6	10
108	ANALYSIS AND MANAGEMENT OF SPECIFIC PROCESSES FROM ENVIRONMENTAL ENGINEERING AND PROTECTION BASED ON SUSTAINABILITY INDICATORS. Environmental Engineering and Management Journal, 2012, 11, 333-350.	0.6	10

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109	EVALUATION OF THE ENVIRONMENTAL IMPACT OF ROAD PAVEMENTS FROM A LIFE CYCLE PERSPECTIVE. Environmental Engineering and Management Journal, 2014, 13, 449-455.	0.6	10
110	EVALUATION OF HUMAN HEALTH RISKS ASSOCIATED WITH PESTICIDE DIETARY INTAKE - AN OVERVIEW ON QUANTITATIVE UNCERTAINTY ANALYSIS. Environmental Engineering and Management Journal, 2018, 17, 2263-2274.	0.6	10
111	Mixing times in an external-loop airlift bioreactor with static mixers. Acta Biotechnologica, 1996, 16, 145-153.	0.9	9
112	Performance of airlift bioreactors in the cultivation of some antibiotic producing microorganisms. Acta Biotechnologica, 1998, 18, 201-229.	0.9	9
113	Modelling mixing parameters in concentric-tube airlift bioreactors. Bioprocess and Biosystems Engineering, 1999, 20, 423.	0.5	9
114	Environmental Bioremediation by Biosorption and Bioaccumulation: Principles and Applications. , 2017, , 289-315.		9
115	AIRLIFT REACTORS: HYDRODYNAMICS, MASS TRANSFER AND APPLICATIONS IN ENVIRONMENTAL REMEDIATION. Environmental Engineering and Management Journal, 2010, 9, 681-702.	0.6	9
116	APPLICATION OF NATURAL ZEOLITES AS SORBENTS IN THE CLEAN-UP OF AQUEOUS STREAMS. Environmental Engineering and Management Journal, 2012, 11, 867-878.	0.6	9
117	SORPTIVE REMOVAL OF CADMIUM(II) IONS FROM AQUEOUS SOLUTION BY MUSTARD BIOMASS. Environmental Engineering and Management Journal, 2012, 11, 1969-1976.	0.6	9
118	AEROBIC BIODEGRADATION OF PHENOL BY ACTIVATED SLUDGE IN A BATCH REACTOR. Environmental Engineering and Management Journal, 2012, 11, 2053-2058.	0.6	9
119	ENVIRONMENTAL IMPACT ASSESSMENT AND THERMAL PERFORMANCES OF MODERN EARTH SHELTERED HOUSES. Environmental Engineering and Management Journal, 2014, 13, 2363-2369.	0.6	9
120	Bioremediation of Persistent Toxic Substances: From Conventional to New Approaches in Using Microorganisms and Plants. Microorganisms for Sustainability, 2019, , 289-312.	0.7	8
121	SORPTION OF CATIONIC DYES FROM AQUEOUS SOLUTION ONTO NATURAL CLAY. EQUILIBRIUM AND KINETIC STUDY. Environmental Engineering and Management Journal, 2008, 7, 301-308.	0.6	8
122	Application of an airlift bioreactor to the nystatin biosynthesis. Acta Biotechnologica, 1996, 16, 303-314.	0.9	7
123	ANALYSIS OF FACTORS DETERMINING THE BEHAVIOUR OF CHROMIUM IN SOME ROMANIAN SOILS. Environmental Engineering and Management Journal, 2010, 9, 89-94.	0.6	7
124	Modeling the Biosorption Process of Heavy Metal Ions on Soybean-Based Low-Cost Biosorbents Using Artificial Neural Networks. Processes, 2022, 10, 603.	2.8	7
125	Colloid-Mediated Transport and the Fate of Contaminants in Soils. , 2014, , 397-451.		6
126	Influence of Cadmium and Lead Ions Toxicity on Lettuce Seeds Germination: a Preliminary Analysis. , 2019, , .		6



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127	Biomass Potential for Sustainable Environment, Biorefinery Products and Energy. Springer Proceedings in Energy, 2014, , 169-194.	0.3	6
128	STUDIES ON SORPTION AND TRANSPORT PROCESSES OF CADMIUM IN SOILS. Environmental Engineering and Management Journal, 2009, 8, 1315-1320.	0.6	6
129	EQUILIBRIUM AND KINETIC STUDIES OF ACID DYE SORPTION ONTO SOILS FROM IASI AREA. Environmental Engineering and Management Journal, 2010, 9, 57-66.	0.6	6
130	ORGANOCHLORINE PESTICIDE RESIDUES IN SOIL AND EDIBLE VEGETABLE. Environmental Engineering and Management Journal, 2016, 15, 527-535.	0.6	6
131	Neural Networks and Genetic Algorithms Optimization of the Photocatalytic Degradation of Alcian Blue 8GX. Journal of Advanced Oxidation Technologies, 2008, 11, .	0.5	5
132	BIOSORPTION OF Cu <sup>2+</sup> IONS FROM AQUEOUS SOLUTION BY Enteromorpha sp.. Environmental Engineering and Management Journal, 2005, 4, 41-50.	0.6	5
133	RISK ASSESSMENT AND MANAGEMENT - TOOLS FOR SUSTAINABLE DEVELOPMENT. Environmental Engineering and Management Journal, 2002, 1, 3-20.	0.6	5
134	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.	0.6	5
135	Modelling and Optimization of CO <sub>2</sub> 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.	1.0	4
136	Medicinal Plants: Linking Herbs Contamination with Human Health Risks. , 2020, , .		4
137	Prediction of Equilibrium Sorption Isotherm for Cadmium Biosorption by Microorganisms: Comparison of Linear and Nonlinear Methods. , 2020, , .		4
138	ENVIRONMENTAL BEHAVIOUR AND ASSESSMENT OF PERSISTENT ORGANIC POLLUTANTS. Environmental Engineering and Management Journal, 2006, 5, 213-241.	0.6	4
139	INFLUENCE OF CONTROLLED RELEASE FERTILIZERS ON <i>Lilium regale</i> SPECIES GROWTH AND FLOWERING. Environmental Engineering and Management Journal, 2019, 18, 1153-1162.	0.6	4
140	Toxicity and Microbial Bioremediation of Chromium Contaminated Effluents. , 2020, , .		4
141	Scaling-Up Strategies of Heavy Metals Microbial Bioremediation. , 2021, , .		4
142	The specific interfacial area in external-loop airlift bioreactors. Bioprocess and Biosystems Engineering, 1997, 16, 127.	0.5	3
143	Stochastic modelling of axial dispersion in external-loop airlift bioreactors. Bioprocess and Biosystems Engineering, 2000, 23, 543-549.	3.4	3
144	Efficient removal of Pb(II) ions from accidental polluted waters by adsorption onto thermal activated lignin. , 2015, , .		3

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145	Human Health Risk Associated with the Use of Products from Contaminated Medicinal Plants. , 2020, , .		3
146	STUDY CONCERNING THE INFLUENCE OF OXIDIZING AGENTS ON HETEROGENEOUS PHOTOCATALYTIC DEGRADATION OF PERSISTENT ORGANIC POLLUTANTS. Environmental Engineering and Management Journal, 2007, 6, 483-489.	0.6	3
147	INFLUENCE OF SOIL PARTICLE SIZE ONTO SORPTION OF TARTRAZINE FROM AQUEOUS SOLUTIONS. Environmental Engineering and Management Journal, 2009, 8, 1081-1087.	0.6	3
148	STUDY REGARDING THE SORPTION OF ERYTHROSINE FROM AQUEOUS SOLUTION ONTO SOIL. Environmental Engineering and Management Journal, 2009, 8, 1339-1346.	0.6	3
149	INTER-REGGIO: CONCEPT OF RESTORATION PROJECTS OF LOCAL STREAMS. Environmental Engineering and Management Journal, 2013, 12, 1735-1746.	0.6	3
150	INTEGRATING SUSTAINABILITY INDICATORS FOR TRACKING ANTHROPOGENIC PRESSURE ON THE EARTH - THE FOOTPRINT FAMILY. Environmental Engineering and Management Journal, 2017, 16, 935-948.	0.6	3
151	COMPRESSIVE STRENGTH ANALYSIS ON PROBLEMATIC SOILS STABILIZED WITH FLY ASH IN JORDAN. Environmental Engineering and Management Journal, 2018, 17, 1855-1861.	0.6	3
152	IMPLEMENTING THE EUROPEAN LEGISLATION CONCERNING DANGEROUS CHEMICALS AND GOODS. THE MATERIAL SAFETY DATA SHEET. Environmental Engineering and Management Journal, 2006, 5, 847-862.	0.6	3
153	ENVIRONMENTAL IMPACTS QUANTIFICATION OF PVC PRODUCTION. Environmental Engineering and Management Journal, 2021, 20, 1693-1702.	0.6	3
154	Modelling mixing parameters in concentric-tube airlift bioreactors. Bioprocess and Biosystems Engineering, 1999, 20, 491.	0.5	2
155	Biomass as a resource for environmental bioremediation and bioenergy. , 2020, , 19-63.		2
156	SURVEY ON THE TREATMENT OF GASEOUS STREAMS CONTAINING VOLATILE ORGANIC COMPOUNDS. Environmental Engineering and Management Journal, 2003, 2, 79-103.	0.6	2
157	RISK ASSESSMENT FOR A SHIPYARD FROM ROMANIAN BLACK SEA COAST. Environmental Engineering and Management Journal, 2003, 2, 303-316.	0.6	2
158	BIODEGRADATION - INNOVATIVE TECHNOLOGY FOR TREATING GASEOUS FLUXES CONTAINING VOCs. Environmental Engineering and Management Journal, 2004, 3, 737-754.	0.6	2
159	TRIPHASIC EXTERNAL-LOOP AIRLIFT REACTORS. HYDRODYNAMIC AND DISPERSION STUDIES. Environmental Engineering and Management Journal, 2008, 7, 217-225.	0.6	2
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