

Carmen Zaharia

List of Publications by Year in descending order

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54
papers

863
citations

758635

12
h-index

500791

28
g-index

54
all docs

54
docs citations

54
times ranked

884
citing authors

#	ARTICLE	IF	CITATIONS
1	Polysaccharides Used in Biosorbents Preparation for Organic Dyes Retaining from Aqueous Media. <i>Polymers</i> , 2022, 14, 588.	2.0	6
2	BIOMASS-BASED SOIL IN ECOLOGICAL AGRICULTURE: CHARACTERISTICS AND WHEAT GRAINS DEVELOPMENT TRENDS. <i>Journal of Applied Life Sciences and Environment</i> , 2022, 187, 273-288.	0.1	0
3	Empirical Modeling and Optimization by Active Central Composite Rotatable Design: Brilliant Red HE-3B Dye Biosorption onto Residual Yeast Biomass-Based Biosorbents. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6377.	1.3	2
4	Eco-friendly O/W emulsions with potential application in skincare products. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 612, 125969.	2.3	10
5	Hydrogel Based on Tricarboxi-Cellulose and Poly(Vinyl Alcohol) Used as Biosorbent for Cobalt Ions Retention. <i>Polymers</i> , 2021, 13, 1444.	2.0	5
6	Preliminary evaluation of vegetal extract characteristics from spontaneous flora of Moldova area (Romania). <i>Romanian Biotechnological Letters</i> , 2021, 26, 2594-2605.	0.5	3
7	Brilliant Red HE-3B Dye Biosorption by Immobilized Residual Consortium <i>Bacillus</i> sp. Biomass: Fixed-Bed Column Studies. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4498.	1.3	7
8	Polysaccharides as Support for Microbial Biomass-Based Adsorbents with Applications in Removal of Heavy Metals and Dyes. <i>Polymers</i> , 2021, 13, 2893.	2.0	34
9	Preparation, characterization, and application of polysaccharide-based emulsions incorporated with lavender essential oil for skin-friendly cellulosic support. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 405-413.	3.6	10
10	Textile Wastewater Treatment in a Spinning Disc Reactor: Improved Performances – Experimental, Modeling and SVM Optimization. <i>Processes</i> , 2021, 9, 2003.	1.3	5
11	Textile Wastewater Treatment on a Spinning Disc Reactor: Characteristics, Performances, and Empirical Modeling. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8687.	1.3	5
12	Bioactive emulsions with beneficial antimicrobial application in textile material production. <i>Cellulose</i> , 2020, 27, 9711-9723.	2.4	9
13	Challenge of Utilization Vegetal Extracts as Natural Plant Protection Products. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8913.	1.3	30
14	FIXED-BED-COLUMN STUDIES FOR METHYLENE BLUE REMOVAL BY CELLULOSE CELLETS. <i>Environmental Engineering and Management Journal</i> , 2020, 19, 269-279.	0.2	4
15	ADSORPTIVE MATERIALS BASED ON CELLULOSE: PREPARATION, CHARACTERIZATION AND APPLICATION FOR COPPER IONS RETENTION. <i>Cellulose Chemistry and Technology</i> , 2020, 54, 579-590.	0.5	7
16	Bioactive Textiles Obtained by Using Aqueous Extracts of Vine Leaves. <i>Fibers and Polymers</i> , 2020, 21, 2505-2512.	1.1	4
17	Decentralized wastewater treatment systems: Efficiency and its estimated impact against onsite natural water pollution status. A Romanian case study. <i>Chemical Engineering Research and Design</i> , 2017, 108, 74-88.	2.7	29
18	WATER POLLUTION STATUS OF SIRET RIVER IN PASCANI TOWN AREA DUE TO DIFFERENT DOMESTIC AND WASTEWATER TREATMENT ACTIVITIES (WINTER SEASON). <i>Environmental Engineering and Management Journal</i> , 2017, 16, 615-623.	0.2	3

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19	Neural Modeling and Optimization of a Mechanical-chemical Treatment Applied for Some Industrial Effluents. A Roumanian Case Study. Chemistry Journal of Moldova, 2017, 12, 19-27.	0.3	0
20	Application of waste materials as 'low cost' sorbents for industrial effluent treatment: a comparative overview. International Journal of Materials and Product Technology, 2015, 50, 196.	0.1	14
21	Valorization of food wastes as sorbent for dye retention from aqueous medium. Desalination and Water Treatment, 2015, 54, 2570-2580.	1.0	3
22	MgZnFeALDHs nanoarchitectonics for photocatalytic removal of some organic pollutants by using solar irradiation. International Journal of Materials and Product Technology, 2015, 51, 228.	0.1	17
23	Comparative Overview of Different Physical-Chemical Treatments Applied for Real Textile Effluents. Advanced Materials Research, 2014, 1036, 58-64.	0.3	4
24	Evaluation of Water Pollution Status in Siret Hydrographical Basin (Suceava Region) Due to Agricultural Activities. Chemistry Journal of Moldova, 2014, 9, 42-52.	0.3	2
25	Removal of Remazol Rosso RB Dye from Aqueous Effluents by Homogenous Fenton Oxidation Processes. Chemistry Journal of Moldova, 2014, 9, 74-79.	0.3	2
26	Coal fly ash as adsorptive material for treatment of a real textile effluent: operating parameters and treatment efficiency. Environmental Science and Pollution Research, 2013, 20, 2226-2235.	2.7	45
27	Application of New Synthesized Materials Based on Anionic Clays for Industrial Effluent Decoloration. Advanced Materials Research, 2013, 837, 271-276.	0.3	3
28	Control Study of Siret River Quality in Pascani County Area and Estimation of Its Pollution Level. Acta Chemica Iasi, 2013, 21, 119-136.	0.1	2
29	Equilibrium, kinetic, and thermodynamic studies of Basic Blue 9 dye sorption on agro-industrial lignocellulosic materials. Open Chemistry, 2012, 10, 1913-1926.	1.0	6
30	Evaluation of environmental impact produced by different economic activities with the global pollution index. Environmental Science and Pollution Research, 2012, 19, 2448-2455.	2.7	9
31	ASSESSMENT OF THE ENVIRONMENTAL IMPACT OF SOME NEW ARYLOXYALKYL CARBOXYLIC ACID DERIVATIVES APPLIED AS PLANT PROTECTION COMPOUNDS. Environmental Engineering and Management Journal, 2012, 11, 413-420.	0.2	6
32	OPTIONS AND SOLUTIONS FOR TEXTILE EFFLUENT DECOLORIZATION USING SOME SPECIFIC PHYSICO-CHEMICAL TREATMENT STEPS. Environmental Engineering and Management Journal, 2012, 11, 493-509.	0.2	49
33	Removal of orange 16 reactive dye from aqueous solutions by waste sunflower seed shells. Journal of the Serbian Chemical Society, 2011, 76, 607-624.	0.4	37
34	ASSESSING THE IMPACT OF SOME INDUSTRIAL AND TRANSPORT ACTIVITIES ON SOIL BY THE GLOBAL POLLUTION INDEX. Environmental Engineering and Management Journal, 2011, 10, 387-391.	0.2	7
35	ANALYTICAL CONTROL OF SOIL AND GROUND WATER QUALITY ON A NORTHERN ROMANIAN LANDFILL. Environmental Engineering and Management Journal, 2011, 10, 1693-1701.	0.2	4
36	ENVIRONMENTAL IMPACT ASSESSMENT INDUCED BY AN INDUSTRIAL UNIT OF BASIC CHEMICAL ORGANIC COMPOUNDS SYNTHESIS USING THE ALTERNATIVE METHOD OF GLOBAL POLLUTION INDEX. Environmental Engineering and Management Journal, 2009, 8, 107-112.	0.2	10

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37	USING OF INDUSTRIAL WASTE MATERIALS FOR TEXTILE WASTEWATER TREATMENT. Environmental Engineering and Management Journal, 2009, 8, 1097-1102.	0.2	48
38	TEXTILE WASTEWATER TREATMENT BY HOMOGENEOUS OXIDATION WITH HYDROGEN PEROXIDE. Environmental Engineering and Management Journal, 2009, 8, 1359-1369.	0.2	181
39	PRELIMINARY STUDY OF SIMPLE AND FENTON OXIDATION WITH HYDROGEN PEROXIDE APPLIED ON FINAL EFFLUENTS FROM A ZOOTECHNICAL FARM. Environmental Engineering and Management Journal, 2009, 8, 409-415.	0.2	0
40	Study of flocculation with PONILIT GT-2 anionic polyelectrolyte applied into a chemical wastewater treatment. Open Chemistry, 2007, 5, 239-256.	1.0	13
41	STUDY OF INCREASING SOIL FERTILITY INTO A SITE WITH HIGH ELECTRIC FIELD AROUND USING POLYMERIC CONDITIONING AGENT. Environmental Engineering and Management Journal, 2007, 6, 567-572.	0.2	1
42	ENVIRONMENTAL IMPACT ASSESSMENT USING THE METHOD OF GLOBAL POLLUTION INDEX APPLIED FOR A HEAT AND POWER COGENERATION PLANT. Environmental Engineering and Management Journal, 2006, 5, 1141-1152.	0.2	8
43	OPTIMIZATION STUDY OF A WASTEWATER CHEMICAL TREATMENT WITH PONILIT GT-2 ANIONIC POLYELECTROLYTE. Environmental Engineering and Management Journal, 2006, 5, 1273-1290.	0.2	4
44	THE ENVIRONMENTAL IMPACT OF MUNICIPAL WASTE DEPOSITION ON WATER QUALITY. Environmental Engineering and Management Journal, 2006, 5, 69-78.	0.2	0
45	ENVIRONMENTAL IMPACT ASSESSMENT FOR STEEL PROCESSING. Environmental Engineering and Management Journal, 2005, 4, 51-65.	0.2	10
46	ELECTROCOAGULATION/ELECTROFLOTATION - METHODS APPLIED FOR WASTEWATER TREATMENT. Environmental Engineering and Management Journal, 2005, 4, 463-472.	0.2	7
47	Fe-exchanged Y zeolite as catalyst for wet peroxide oxidation of reactive azo dye Procion Marine H-EXL. Applied Catalysis B: Environmental, 2004, 48, 287-294.	10.8	162
48	Advanced oxidation processes for decolorization of aqueous solution containing acid red G azo dye. Open Chemistry, 2004, 2, 573-588.	1.0	19
49	ADVANCED OXIDATION PROCESSES. DECOLORIZATION OF SOME ORGANIC DYES WITH H ₂ O ₂ . Environmental Engineering and Management Journal, 2004, 3, 629-640.	0.2	0
50	Modified cellulose fibers as adsorbent for dye removal from aqueous environment. , 0, 90, 341-349.		6
51	Discoloration of industrial effluents by adsorption-based treatment onto coal fly ash activated with lime. , 0, 127, 364-376.		2
52	Biosorption of reactive dyes from aqueous media using the Bacillus sp. residual biomass. , 0, 195, 353-360.		5
53	Sorption of reactive dyes from aqueous media using the lavender waste as biosorbent. , 0, 236, 348-358.		1
54	Biosorbents based on residual biomass of Lactobacillus sp. bacteria consortium immobilized in sodium alginate for Orange 16 dye retention from aqueous solutions. , 0, 246, 315-324.		3