Carmen Zaharia

List of Publications by Year in descending order

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54	863	758635 12	500791 28
papers	citations	h-index	g-index

54	54	54	884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TEXTILE WASTEWATER TREATMENT BY HOMOGENEOUS OXIDATION WITH HYDROGEN PEROXIDE. Environmental Engineering and Management Journal, 2009, 8, 1359-1369.	0.2	181
2	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
3	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
4	USING OF INDUSTRIAL WASTE MATERIALS FOR TEXTILE WASTEWATER TREATMENT. Environmental Engineering and Management Journal, 2009, 8, 1097-1102.	0.2	48
5	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
6	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
7	Polysaccharides as Support for Microbial Biomass-Based Adsorbents with Applications in Removal of Heavy Metals and Dyes. Polymers, 2021, 13, 2893.	2.0	34
8	Challenge of Utilization Vegetal Extracts as Natural Plant Protection Products. Applied Sciences (Switzerland), 2020, 10, 8913.	1.3	30
9	Decentralized wastewater treatment systems: Efficiency and its estimated impact against onsite natural water pollution status. A Romanian case study. Chemical Engineering Research and Design, 2017, 108, 74-88.	2.7	29
10	Advanced oxidation processes for decolorization of aqueous solution containing acid red G azo dye. Open Chemistry, 2004, 2, 573-588.	1.0	19
11	MgZnFeAlLDHs 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
12	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
13	Study of flocculation with PONILIT GT-2 anionic polyelectrolyte applied into a chemical wastewater treatment. Open Chemistry, 2007, 5, 239-256.	1.0	13
14	Eco-friendly O/W emulsions with potential application in skincare products. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 612, 125969.	2.3	10
15	Preparation, characterization, and application of polysaccharide-based emulsions incorporated with lavender essential oil for skin-friendly cellulosic support. International Journal of Biological Macromolecules, 2021, 191, 405-413.	3.6	10
16	ENVIRONMENTAL IMPACT ASSESSMENT FOR STEEL PROCESSING. Environmental Engineering and Management Journal, 2005, 4, 51-65.	0.2	10
17	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
18	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

#	Article	IF	Citations
19	Bioactive emulsions with beneficial antimicrobial application in textile material production. Cellulose, 2020, 27, 9711-9723.	2.4	9
20	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
21	Brilliant Red HE-3B Dye Biosorption by Immobilized Residual Consortium Bacillus sp. Biomass: Fixed-Bed Column Studies. Applied Sciences (Switzerland), 2021, 11, 4498.	1.3	7
22	ELECTROCOAGULATION/ELECTROFLOTATION - METHODS APPLIED FOR WASTEWATER TREATMENT. Environmental Engineering and Management Journal, 2005, 4, 463-472.	0.2	7
23	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
24	ADSORPTIVE MATERIALS BASED ON CELLULOSE: PREPARATION, CHARACTERIZATION AND APPLICATION FOR COPPER IONS RETENTION. Cellulose Chemistry and Technology, 2020, 54, 579-590.	0.5	7
25	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
26	ASSESSMENT OF THE ENVIRONMENTAL IMPACT OF SOME NEW ARYLOXYALKYL CARBOXILIC ACID DERIVATIVES APPLIED AS PLANT PROTECTION COMPOUNDS. Environmental Engineering and Management Journal, 2012, 11, 413-420.	0.2	6
27	Modified cellulose fibers as adsorbent for dye removal from aqueous environment. , 0, 90, 341-349.		6
28	Polysaccharides Used in Biosorbents Preparation for Organic Dyes Retaining from Aqueous Media. Polymers, 2022, 14, 588.	2.0	6
29	Textile Wastewater Treatment on a Spinning Disc Reactor: Characteristics, Performances, and Empirical Modeling. Applied Sciences (Switzerland), 2020, 10, 8687.	1.3	5
30	Hydrogel Based on Tricarboxi-Cellulose and Poly(Vinyl Alcohol) Used as Biosorbent for Cobalt Ions Retention. Polymers, 2021, 13, 1444.	2.0	5
31	Biosorption of reactive dyes from aqueous media using the Bacillus sp. residual biomass. , 0, 195, 353-360.		5
32	Textile Wastewater Treatment in a Spinning Disc Reactor: Improved Performancesâ€"Experimental, Modeling and SVM Optimization. Processes, 2021, 9, 2003.	1.3	5
33	Comparative Overview of Different Physical-Chemical Treatments Applied for Real Textile Effluents. Advanced Materials Research, 2014, 1036, 58-64.	0.3	4
34	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
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	FIXED-BED-COLUMN STUDIES FOR METHYLENE BLUE REMOVAL BY CELLULOSE CELLETS. Environmental Engineering and Management Journal, 2020, 19, 269-279.	0.2	4

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37	Bioactive Textiles Obtained by Using Aqueous Extracts of Vine Leaves. Fibers and Polymers, 2020, 21, 2505-2512.	1.1	4
38	Application of New Synthesized Materials Based on Anionic Clays for Industrial Effluent Decoloration. Advanced Materials Research, 2013, 837, 271-276.	0.3	3
39	Valorization of food wastes as sorbent for dye retention from aqueous medium. Desalination and Water Treatment, 2015, 54, 2570-2580.	1.0	3
40	Preliminary evaluation of vegetal extract characteristics from spontaneous flora of Moldova area (Romania). Romanian Biotechnological Letters, 2021, 26, 2594-2605.	0.5	3
41	WATER POLLUTION STATUS OF SIRET RIVER IN PASCANI TOWN AREA DUE TO DIFFERENT DOMESTIC AND WASTEWATER TREATMENT ACTIVITIES (WINTER SEASON). Environmental Engineering and Management Journal, 2017, 16, 615-623.	0.2	3
42	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
43	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
44	Discoloration of industrial effluents by adsorption-based treatment onto coal fly ash activated with lime. , 0, 127, 364-376.		2
45	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
46	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
47	Empirical Modeling and Optimization by Active Central Composite Rotatable Design: Brilliant Red HE-3B Dye Biosorption onto Residual Yeast Biomass-Based Biosorbents. Applied Sciences (Switzerland), 2022, 12, 6377.	1.3	2
48	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
49	Sorption of reactive dyes from aqueous media using the lavender waste as biosorbent. , 0, 236, 348-358.		1
50	ADVANCED OXIDATION PROCESSES. DECOLORIZATION OF SOME ORGANIC DYES WITH H2O2. Environmental Engineering and Management Journal, 2004, 3, 629-640.	0.2	0
51	THE ENVIRONMENTAL IMPACT OF MUNICIPAL WASTE DEPOSITION ON WATER QUALITY. Environmental Engineering and Management Journal, 2006, 5, 69-78.	0.2	0
52	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
53	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
54	BIOMASS-BASED SOIL IN ECOLOGICAL AGRICULTURE: CHARACTERISTICS AND WHEAT GRAINS DEVELOPMENT TRENDS. Journal of Applied Life Sciences and Environment, 2022, 187, 273-288.	0.1	0