

Simona Gabriela Muntean

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

356
citations

9
h-index

18
g-index

26
ext. papers

439
ext. citations

3.1
avg, IF

3.61
L-index

#	Paper	IF	Citations
24	Adsorption of phenol and p-chlorophenol from aqueous solutions on poly (styrene-co-divinylbenzene) functionalized materials. <i>Chemical Engineering Journal</i> , 2013 , 222, 218-227	14.7	64
23	Kinetic and thermodynamic studies on methylene blue biosorption using corn-husk. <i>RSC Advances</i> , 2014 , 4, 62621-62630	3.7	57
22	Combustion synthesis of iron oxide/carbon nanocomposites, efficient adsorbents for anionic and cationic dyes removal from wastewaters. <i>Journal of Alloys and Compounds</i> , 2018 , 741, 1235-1246	5.7	33
21	Effective removal of methylene blue from aqueous solution using a new magnetic iron oxide nanosorbent prepared by combustion synthesis. <i>Clean Technologies and Environmental Policy</i> , 2016 , 18, 705-715	4.3	30
20	Removal of Colored Organic Pollutants from Wastewaters by Magnetite/Carbon Nanocomposites: Single and Binary Systems. <i>Journal of Chemistry</i> , 2018 , 2018, 1-16	2.3	27
19	Combustion synthesis of Fe ₃ O ₄ /Ag/C nanocomposite and application for dyes removal from multicomponent systems. <i>Applied Surface Science</i> , 2019 , 481, 825-837	6.7	20
18	Dye adsorbed on copolymer, possible specific sorbent for metal ions removal. <i>RSC Advances</i> , 2014 , 4, 27354-27362	3.7	19
17	Evaluation of a functionalized copolymer as adsorbent on direct dyes removal process: Kinetics and equilibrium studies. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 4409-4421	2.9	15
16	Adsorption studies on copper, cadmium, and zinc ion removal from aqueous solution using magnetite/carbon nanocomposites. <i>Separation Science and Technology</i> , 2018 , 53, 2352-2364	2.5	12
15	Ultrasound effect on dyeing wool fibers with two anthraquinone dyes. <i>Fibers and Polymers</i> , 2015 , 16, 62-66	2	9
14	Removal of non benzidine direct red dye from aqueous solution by using natural sorbents: beech and silver fir66, 235-250		9
13	Mesoporous magnetic nanocomposites: a promising adsorbent for the removal of dyes from aqueous solutions. <i>Journal of Porous Materials</i> , 2020 , 27, 413-428	2.4	9
12	One-dimensional cadmium(II) coordination polymers: Structural diversity, luminescence and photocatalytic properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 404, 112961	4.7	8
11	Decontamination of colored wastewater using synthetic sorbents. <i>Pure and Applied Chemistry</i> , 2014 , 86, 1771-1780	2.1	7
10	Resins containing Hydroxyphosphonic acid groups used for adsorption of dyes from wastewater. <i>Polymer Bulletin</i> , 2011 , 66, 419-432	2.4	7
9	Composition, antioxidant and antimicrobial activity of the essential oil of Achillea collina Becker growing wild in Western Romania. <i>Hemijaska Industrija</i> , 2015 , 69, 381-386	0.6	7
8	Experimental And Theoretical Study Of The Adsorption Of A Trisazo Direct Dye Derived From 4,4'-Diaminobenzanilide On A Cellulose Substrate. <i>Molecular Crystals and Liquid Crystals</i> , 2004 , 416, 97-104	0.5	6

7	Phosphonate metal-organic frameworks used as dye removal materials from wastewaters. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5939	3.1	5
6	Synthesis, characterization and colour determination using CIELAB colour space of stilbene dyes. <i>Journal of the Iranian Chemical Society</i> , 2013 , 10, 807-816	2	4
5	Investigation of aggregation behavior using computational methods and absorption spectra for trisazo direct dyes. <i>Structural Chemistry</i> , 2016 , 27, 1049-1059	1.8	3
4	Azo Direct Dye Immobilized onto Copolymer (Styrene DVB Functionalized with Quaternary Phosphonium Groups) for Removal of Heavy Metal Ions. <i>Molecular Crystals and Liquid Crystals</i> , 2004 , 416, 137-144	0.5	2
3	Molecular modeling of some calcium and magnesium ionic bridges. <i>International Journal of Quantum Chemistry</i> , 2007 , 107, 1714-1718	2.1	1
2	Dissociation Energy Computations for Saline Bonds Implied in Interactions Mediated by Peptidoglycans. <i>Macromolecular Symposia</i> , 2006 , 235, 215-219	0.8	1
1	Adsorption of Anionic Dyes from Wastewater onto Magnetic Nanocomposite Powders Synthesized by Combustion Method. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9236	2.6	1