

# Simona Gabriela Muntean

## List of Publications by Year in Descending Order

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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 Anionic Dyes from Wastewater onto Magnetic Nanocomposite Powders Synthesized by Combustion Method. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 9236	2.6	1
23	One-dimensional cadmium(II) coordination polymers: Structural diversity, luminescence and photocatalytic properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 404, 112961	4.7	8
22	Mesoporous magnetic nanocomposites: a promising adsorbent for the removal of dyes from aqueous solutions. <i>Journal of Porous Materials</i> , <b>2020</b> , 27, 413-428	2.4	9
21	Phosphonate metal-organic frameworks used as dye removal materials from wastewaters. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5939	3.1	5
20	Combustion synthesis of Fe <sub>3</sub> O <sub>4</sub> /Ag/C nanocomposite and application for dyes removal from multicomponent systems. <i>Applied Surface Science</i> , <b>2019</b> , 481, 825-837	6.7	20
19	Adsorption studies on copper, cadmium, and zinc ion removal from aqueous solution using magnetite/carbon nanocomposites. <i>Separation Science and Technology</i> , <b>2018</b> , 53, 2352-2364	2.5	12
18	Combustion synthesis of iron oxide/carbon nanocomposites, efficient adsorbents for anionic and cationic dyes removal from wastewaters. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 741, 1235-1246	5.7	33
17	Removal of Colored Organic Pollutants from Wastewaters by Magnetite/Carbon Nanocomposites: Single and Binary Systems. <i>Journal of Chemistry</i> , <b>2018</b> , 2018, 1-16	2.3	27
16	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> , <b>2016</b> , 18, 705-715	4.3	30
15	Investigation of aggregation behavior using computational methods and absorption spectra for trisazo direct dyes. <i>Structural Chemistry</i> , <b>2016</b> , 27, 1049-1059	1.8	3
14	Ultrasound effect on dyeing wool fibers with two anthraquinone dyes. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 62-66	2	9
13	Composition, antioxidant and antimicrobial activity of the essential oil of <i>Achillea collina</i> Becker growing wild in Western Romania. <i>Hemijaska Industrija</i> , <b>2015</b> , 69, 381-386	0.6	7
12	Dye adsorbed on copolymer, possible specific sorbent for metal ions removal. <i>RSC Advances</i> , <b>2014</b> , 4, 27354-27362	3.7	19
11	Kinetic and thermodynamic studies on methylene blue biosorption using corn-husk. <i>RSC Advances</i> , <b>2014</b> , 4, 62621-62630	3.7	57
10	Decontamination of colored wastewater using synthetic sorbents. <i>Pure and Applied Chemistry</i> , <b>2014</b> , 86, 1771-1780	2.1	7
9	Evaluation of a functionalized copolymer as adsorbent on direct dyes removal process: Kinetics and equilibrium studies. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 4409-4421	2.9	15
8	Synthesis, characterization and colour determination using CIELAB colour space of stilbene dyes. <i>Journal of the Iranian Chemical Society</i> , <b>2013</b> , 10, 807-816	2	4

7	Adsorption of phenol and p-chlorophenol from aqueous solutions on poly (styrene-co-divinylbenzene) functionalized materials. <i>Chemical Engineering Journal</i> , <b>2013</b> , 222, 218-227	14.7	64
6	Resins containing Hydroxyphosphonic acid groups used for adsorption of dyes from wastewater. <i>Polymer Bulletin</i> , <b>2011</b> , 66, 419-432	2.4	7
5	Molecular modeling of some calcium and magnesium ionic bridges. <i>International Journal of Quantum Chemistry</i> , <b>2007</b> , 107, 1714-1718	2.1	1
4	Dissociation Energy Computations for Saline Bonds Implied in Interactions Mediated by Peptidoglycans. <i>Macromolecular Symposia</i> , <b>2006</b> , 235, 215-219	0.8	1
3	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> , <b>2004</b> , 416, 97-104	0.5	6
2	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> , <b>2004</b> , 416, 137-144	0.5	2
1	Removal of non benzidine direct red dye from aqueous solution by using natural sorbents: beech and silver fir	66, 235-250	9