

Simona Gabriela Muntean

List of Publications by Year in descending order

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26
papers

541
citations

758635

12
h-index

642321

23
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26
all docs

26
docs citations

26
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic and thermodynamic studies on methylene blue biosorption using corn-husk. RSC Advances, 2014, 4, 62621-62630.	1.7	78
2	Adsorption of phenol and p-chlorophenol from aqueous solutions on poly (styrene-co-divinylbenzene) functionalized materials. Chemical Engineering Journal, 2013, 222, 218-227.	6.6	75
3	Combustion synthesis of iron oxide/carbon nanocomposites, efficient adsorbents for anionic and cationic dyes removal from wastewaters. Journal of Alloys and Compounds, 2018, 741, 1235-1246.	2.8	47
4	Removal of Colored Organic Pollutants from Wastewaters by Magnetite/Carbon Nanocomposites: Single and Binary Systems. Journal of Chemistry, 2018, 2018, 1-16.	0.9	42
5	Combustion synthesis of Fe ₃ O ₄ /Ag/C nanocomposite and application for dyes removal from multicomponent systems. Applied Surface Science, 2019, 481, 825-837.	3.1	38
6	Effective removal of methylene blue from aqueous solution using a new magnetic iron oxide nanosorbent prepared by combustion synthesis. Clean Technologies and Environmental Policy, 2016, 18, 705-715.	2.1	36
7	Adsorption studies on copper, cadmium, and zinc ion removal from aqueous solution using magnetite/carbon nanocomposites. Separation Science and Technology, 2018, 53, 2352-2364.	1.3	30
8	Dye adsorbed on copolymer, possible specific sorbent for metal ions removal. RSC Advances, 2014, 4, 27354-27362.	1.7	23
9	Mesoporous magnetic nanocomposites: a promising adsorbent for the removal of dyes from aqueous solutions. Journal of Porous Materials, 2020, 27, 413-428.	1.3	22
10	One-dimensional cadmium(II) coordination polymers: Structural diversity, luminescence and photocatalytic properties. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 404, 112961.	2.0	22
11	Evaluation of a functionalized copolymer as adsorbent on direct dyes removal process: Kinetics and equilibrium studies. Journal of Applied Polymer Science, 2013, 127, 4409-4421.	1.3	19
12	Phosphonate metal-organic frameworks used as dye removal materials from wastewaters. Applied Organometallic Chemistry, 2020, 34, e5939.	1.7	16
13	Removal of non benzidine direct red dye from aqueous solution by using natural sorbents: beech and silver fir. , 0, 66, 235-250.		16
14	Ultrasound effect on dyeing wool fibers with two anthraquinone dyes. Fibers and Polymers, 2015, 16, 62-66.	1.1	12
15	Adsorption of Anionic Dyes from Wastewater onto Magnetic Nanocomposite Powders Synthesized by Combustion Method. Applied Sciences (Switzerland), 2021, 11, 9236.	1.3	12
16	Resins containing β -hydroxyphosphonic acid groups used for adsorption of dyes from wastewater. Polymer Bulletin, 2011, 66, 419-432.	1.7	10
17	Decontamination of colored wastewater using synthetic sorbents. Pure and Applied Chemistry, 2014, 86, 1771-1780.	0.9	9
18	Composition, antioxidant and antimicrobial activity of the essential oil of Achillea collina Becker growing wild in Western Romania. Hemijska Industrija, 2015, 69, 381-386.	0.3	9

#	ARTICLE	IF	CITATIONS
19	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.	0.4	7
20	Synthesis, characterization and colour determination using CIELAB colour space of stilbene dyes. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 807-816.	1.2	7
21	Investigation of aggregation behavior using computational methods and absorption spectra for trisazo direct dyes. <i>Structural Chemistry</i> , 2016, 27, 1049-1059.	1.0	5
22	Azo Direct Dye Immobilized onto Copolymer (Styrene DVB Functionalized with Quaternary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T 416, 137-144.	0.4	2
23	Modeling and optimization of Acid Orange 7 adsorption process using magnetite/carbon nanocomposite. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 29, 100778.	1.6	2
24	Dissociation Energy Computations for Saline Bonds Implied in Interactions Mediated by Peptidoglicans. <i>Macromolecular Symposia</i> , 2006, 235, 215-219.	0.4	1
25	Molecular modeling of some calcium and magnesium ionic bridges. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 1714-1718.	1.0	1
26	Enzymatic degradation of azo dyes using peroxidase immobilized onto commercial carriers with epoxy groups. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2020, 65, 279-290.	0.1	0