

Maria Mihaly

List of Publications by Year in descending order

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30
papers

445
citations

759233

12
h-index

713466

21
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all docs

30
docs citations

30
times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Fly Ash Waste Recycling by Pt/TiO ₂ Incorporation for Industrial Dye Removal. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3887.	2.6	5
2	Coal bottom ash processing for capitalization according to circular economy concept. <i>Minerals Engineering</i> , 2021, 170, 107055.	4.3	6
3	An integrated value chain to iron-containing mine tailings capitalization by a combined process of magnetic separation, microwave digestion and microemulsion assisted extraction. <i>Chemical Engineering Research and Design</i> , 2021, 154, 118-130.	5.6	10
4	Fluid structures used for wastewaters treatment with complex load. <i>Separation and Purification Technology</i> , 2018, 197, 1-7.	7.9	5
5	Synergism of thiocyanate ions and microinterfacial surface as driving forces for heavy multi-metals extraction. <i>Arabian Journal of Chemistry</i> , 2018, 11, 501-512.	4.9	13
6	No Catalyst Dye Photodegradation in a Microemulsion Template. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5273-5283.	6.7	15
7	Tandem adsorption-photodegradation activity induced by light on NiO-ZnO couple modified silica nanomaterials. <i>Materials Science in Semiconductor Processing</i> , 2017, 57, 1-11.	4.0	37
8	Recovery of targeted hydrophilic compounds from simulated wastewaters using nonionic microemulsion systems. <i>Chemical Engineering Research and Design</i> , 2017, 109, 648-658.	5.6	8
9	Novel materials based on DNA-TMA and lanthanide (Ce ³⁺ , Pr ³⁺). <i>Biopolymers</i> , 2016, 105, 613-617.	2.4	10
10	DNA based materials doped with praseodymium (III) hydroxide nanoparticles. <i>Optical Materials</i> , 2016, 56, 3-7.	3.6	6
11	One-pot synthesis of Au-ZnO-SiO ₂ nanostructures for sunlight photodegradation. <i>Journal of Molecular Catalysis A</i> , 2016, 414, 148-159.	4.8	21
12	Nonionic microemulsion systems applied for removal of ionic dyes mixtures from textile industry wastewaters. <i>Separation and Purification Technology</i> , 2016, 158, 155-159.	7.9	43
13	One-pot synthesis of fluorescent Au@SiO ₂ and SiO ₂ @Au nanoparticles. <i>Arabian Journal of Chemistry</i> , 2016, 9, 854-864.	4.9	26
14	Extension of optical properties of ZnO/SiO ₂ materials induced by incorporation of Au or NiO nanoparticles. <i>Optical Materials</i> , 2016, 56, 45-48.	3.6	25
15	Specific interactions within micelle microenvironment in different charged dye/surfactant systems. <i>Arabian Journal of Chemistry</i> , 2016, 9, 9-17.	4.9	49
16	Chromatic analysis of blue ballpoint pen inks and related dyes. <i>Color Research and Application</i> , 2015, 40, 169-177.	1.6	9
17	Fullerene-modified silica materials designed for highly efficient dyes photodegradation. <i>Materials Letters</i> , 2015, 151, 119-121.	2.6	7
18	Highly homogeneous nanostructured templates based on environmental friendly microemulsion for nanomaterials processing. <i>Materials Letters</i> , 2014, 132, 346-348.	2.6	7

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19	A systematic methodology to design silica templates: Silica microemulsion formulation and nanodroplet type and size estimation. <i>Comptes Rendus Chimie</i> , 2014, 17, 342-351.	0.5	5
20	Tunning the Colour of Solar Absorbers by Changing Chromophore Nature and Nanoparticle Size. <i>Springer Proceedings in Energy</i> , 2014, , 311-324.	0.3	0
21	Physical–chemical parameters promoting phase changes in non-ionic environmental-friendly microemulsions. <i>Fluid Phase Equilibria</i> , 2013, 337, 18-25.	2.5	17
22	Synthesis of gold nanoparticles by microemulsion assisted photoreduction method. <i>Comptes Rendus Chimie</i> , 2012, 15, 1012-1021.	0.5	19
23	NiO–silica based nanostructured materials obtained by microemulsion assisted sol–gel procedure. <i>Materials Research Bulletin</i> , 2011, 46, 1746-1753.	5.2	21
24	Enhancement of linear and nonlinear optical properties of deoxyribonucleic acid-silica thin films doped with rhodamine. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	18
25	Nonionic Microemulsion Extraction of Ni (II) from Wastewater. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 523, 63/[635]-72/[644].	0.9	12
26	Biomaterials based on DNA embedded in silica matrix. , 2009, , .		1
27	Experimental and theoretical studies of NLO properties of organic–inorganic materials base on p-nitroaniline. <i>Chemical Physics Letters</i> , 2008, 455, 270-274.	2.6	38
28	Fe ₂ O ₃ Nanoparticles Coated in a SiO ₂ Shell by Microemulsion Method. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 483, 228-236.	0.9	1
29	Hybride Nanomaterials Based on Silica Coated C60Clusters Obtained by Microemulsion Technique. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 483, 205-215.	0.9	11
30	C60Based Hybrid Nanocomposites Obtained in the Presence of Ultrasounds. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 31, 51-58.	2.4	0