

Ana Mrakovic

List of Publications by Year in descending order

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papers

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933447

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628
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercritical CO ₂ - assisted production of PLA and PLGA foams for controlled thymol release. <i>Materials Science and Engineering C</i> , 2019, 99, 394-404.	7.3	73
2	Adsorption of Organophosphate Pesticide Dimethoate on Gold Nanospheres and Nanorods. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-11.	2.7	43
3	Re-formation of metastable μ -Fe ₂ O ₃ in post-annealing of Fe ₂ O ₃ /SiO ₂ nanostructure: Synthesis, computational particle shape analysis in micrographs and magnetic properties. <i>Ceramics International</i> , 2017, 43, 7497-7507.	4.8	37
4	Superspin-glass like behavior of nanoparticle La _{0.7} Ca _{0.3} MnO ₃ obtained by mechanochemical milling. <i>Journal of Nanoparticle Research</i> , 2011, 13, 763-771.	1.9	27
5	Modified self-propagating high-temperature synthesis of nanosized La _{0.7} Ca _{0.3} MnO ₃ . <i>Ceramics International</i> , 2013, 39, 3771-3777.	4.8	19
6	Synthesis and Characterization of Core-Shell Magnetic Mesoporous Silica and Organosilica Nanostructures. <i>MRS Advances</i> , 2017, 2, 1037-1045.	0.9	18
7	An ac susceptibility study of spin dynamics in a super spin glass nanoparticle La _{0.7} Ca _{0.3} MnO ₃ system: simultaneous relaxation processes. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 165001.	2.8	15
8	Spin-glass dynamics in interacting nanoparticle system La _{0.7} Ca _{0.3} MnO ₃ obtained by mechanochemical milling. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6805-6811.	1.9	12
9	Catalytic activity of titania polymorphs towards desorption reaction of MgH ₂ . <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4703-4711.	7.1	12
10	Relaxation phenomena in super spin glass nanoparticle manganite La _{0.7} Ca _{0.3} MnO ₃ . <i>Materials Chemistry and Physics</i> , 2012, 136, 196-204.	4.0	10
11	Antimicrobial activity of silver nanoparticles supported by magnetite. <i>ChemistrySelect</i> , 2019, 4, 4018-4024.	1.5	10
12	Experimental and theoretical consideration of the factors influencing cationic pollutants retention by seashell waste. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1477-1487.	3.2	9
13	Exploring innovative solutions for aged concrete utilization: treatment of liquid radioactive waste. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 1343-1354.	4.1	8
14	Thermo-oxidative evolution and physico-chemical characterization of seashell waste for application in commercial sectors. <i>Thermochimica Acta</i> , 2020, 686, 178568.	2.7	8
15	Optical properties of titanium oxide films obtained by cathodic arc plasma deposition. <i>Plasma Science and Technology</i> , 2017, 19, 125504.	1.5	7
16	The glassy behaviour of poorly crystalline Fe ₂ O ₃ nanorods obtained by thermal decomposition of ferrous oxalate. <i>Nanotechnology</i> , 2015, 26, 115705.	2.6	6
17	Ni(II) immobilization by bio-apatite materials: Appraisal of chemical, thermal and combined treatments. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2016, 22, 117-126.	0.7	4
18	Removal of heavy metals from aqueous media by sunflower husk: A comparative study of biosorption efficiency by using ICP-OES and LIBS. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 939-952.	0.8	2

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19	Combustion synthesis as a novel approach in preparation of polycrystalline Y ₂ Cu ₂ O ₅ . Journal of Alloys and Compounds, 2013, 568, 55-59.	5.5	1
20	A facile route for hydroxyapatite densification with an increased heating rate. Materials Letters, 2017, 207, 12-15.	2.6	1
21	Crystal structure and magnetic properties of Y ₂ (Cu _{1-x} Mg _x) ₂ O ₅ obtained by SHS method. Journal of Alloys and Compounds, 2014, 582, 186-189.	5.5	0
22	Are the program packages for molecular structure calculations really black boxes?. Journal of the Serbian Chemical Society, 2007, 72, 1329-1341.	0.8	0