Manuela Stan

List of Publications by Year
in descending order

23 papers	767 citations	759233 12 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	1138 citing authors

#	Article	IF	Citations
1	Enhanced photocatalytic degradation properties of zinc oxide nanoparticles synthesized by using plant extracts. Materials Science in Semiconductor Processing, 2015, 39, 23-29.	4.0	162
2	Removal of antibiotics from aqueous solutions by green synthesized magnetite nanoparticles with selected agro-waste extracts. Chemical Engineering Research and Design, 2017, 107, 357-372.	5.6	116
3	Antibacterial and Antioxidant Activities of ZnO Nanoparticles Synthesized Using Extracts of Allium sativum, Rosmarinus officinalis and Ocimum basilicum. Acta Metallurgica Sinica (English Letters), 2016, 29, 228-236.	2.9	115
4	Reduced graphene oxide decorated with Fe doped SnO2 nanoparticles for humidity sensor. Applied Surface Science, 2017, 402, 410-417.	6.1	100
5	Visible-light-driven photocatalytic degradation of different organic pollutants using Cu doped ZnO-MWCNT nanocomposites. Journal of Alloys and Compounds, 2021, 866, 159010.	5.5	51
6	Starch-coated green synthesized magnetite nanoparticles for removal of textile dye Optilan Blue from aqueous media. Journal of the Taiwan Institute of Chemical Engineers, 2019, 100, 65-73.	5.3	39
7	Removal of Lead(II), Cadmium(II), and Arsenic(III) from Aqueous Solution Using Magnetite Nanoparticles Prepared by Green Synthesis with Boxâ€“Behnken Design. Analytical Letters, 2018, 51, 2519-2531.	1.8	38
8	Influence of microwave frequency electromagnetic radiation on terpene emission and content in aromatic plants. Journal of Plant Physiology, 2014, 171, 1436-1443.	3.5	31
9	Hybrid PVDF-P(L-DOPA)-ZnO membranes for dyes and antibiotics removal through simultaneous action of adsorption and photocatalysis processes. Journal of Environmental Chemical Engineering, 2021, 9, 106812.	6.7	18
10	Luminescent properties of vanadium-doped SnO2 nanoparticles. Optical Materials, 2014, 37, 223-228.	3.6	17
11	Ferromagnetic behaviour of vanadium doped SnO2 nanoparticles annealed at different temperatures. Journal of Alloys and Compounds, 2014, 591, 201-206.	5.5	14
12	The efficiency of the multi-walled carbon nanotubes used for antibiotics removal from wastewaters generated by animal farms. Environmental Science and Pollution Research, 2017, 24, 16396-16406.	5.3	12
13	Electron Paramagnetic Resonance of Mn-Doped Sn1â^'x Mn x O2 Powders. Applied Magnetic Resonance, 2012, 42, 453-462.	1.2	11
14	Co2+ Ions in ZnO powders as seen by Magnetic Resonance. Applied Magnetic Resonance, 2011, 40, 245-250.	1.2	10
15	Enhanced antibacterial activity of zinc oxide nanoparticles synthesized using Petroselinum crispum extracts. AIP Conference Proceedings, 2015, , .	0.4	8
16	Determination of Myristicin and Linalool in Plants Exposed to Microwave Radiation by High-Performance Liquid Chromatography. Analytical Letters, 2015, 48, 567-574.	1.8	5
17	Effect of Fe Concentration in ZnO Powders on Ferromagnetic Resonance Spectra. Applied Magnetic Resonance, 2012, 42, 499-509.	1.2	4
18	Spin dynamics evidenced by EPR in Sn1â^'xMnxO2 nanoparticles annealed at different temperatures. Journal of Alloys and Compounds, 2013, 551, 300-305.	5.5	4

#	Article	IF	Citations
19	High-Performance Thin-Layer Chromatographic Quantification of Myristicin and Linalool from Leaf Extracts of Microwave-Irradiated Parsley, Dill, and Celery. Journal of Planar Chromatography - Modern TLC, 2014, 27, 97-101.	1.2	4
20	High-Performance Thin-Layer Chromatographic Quantification of Some Essential Oils fromAnethum graveolensExtracts. Journal of Planar Chromatography - Modern TLC, 2014, 27, 33-37.	1.2	3
21	Microwave Field Effect on Polyphenolic Compounds from Aromatic Plants. Journal of Sustainable Development of Energy, Water and Environment Systems, 2016, 4, 48-55.	1.9	3
22	The Influence of the Annealing Temperature on the Properties of Sn1â˜'x Fe x O2 Powders Evidenced by EMR Spectroscopy. Applied Magnetic Resonance, 2011, 40, 261-266.	1.2	2
23	Microwave irradiation effect on polyphenol content and antioxidant activity of basil. Studia Universitatis Babes-Bolyai Chemia, 2018, 63, 87-94.	0.2	0