

# Sudharsan S

## List of Publications by Year in descending order

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14  
papers

234  
citations

1307543

7  
h-index

1281846

11  
g-index

14  
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14  
docs citations

14  
times ranked

343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallation of ethylenediamine based Schiff base with biologically active Cu(II), Ni(II) and Zn(II) ions: Synthesis, spectroscopic characterization, electrochemical behaviour, DNA binding, photonuclease activity and in vitro antimicrobial efficacy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 873-883.	3.9	65
2	Synthesis and structural reactivity of inorganic-organic hybrid nanocomposites – A review. <i>Journal of Saudi Chemical Society</i> , 2012, 16, 339-352.	5.2	39
3	Pithecellobium dulce mediated extra-cellular green synthesis of larvicidal silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 1031-1037.	3.9	32
4	Metal based pharmacologically active agents: Synthesis, structural elucidation, DNA interaction, in vitro antimicrobial and in vitro cytotoxic screening of copper(II) and zinc(II) complexes derived from amino acid based pyrazolone derivatives. <i>Arabian Journal of Chemistry</i> , 2013, 6, 235-247.	4.9	32
5	Synthesis, characterization and ion-exchange properties of novel hybrid polymer nanocomposites for selective and effective mercury(II) removal. <i>RSC Advances</i> , 2015, 5, 79665-79678.	3.6	31
6	Selective Co(II) removal from aqueous media by immobilizing silver nanoparticles within a polymer-matrix through a formaldehyde cross linking agent. <i>RSC Advances</i> , 2015, 5, 23340-23349.	3.6	15
7	Phase transfer synthesis of N,N-(1,2-phenylene)bis-hippuramide tethered metal based functionalized nanoparticles: A study on some novel microbial targeting peptide-mimic nanoparticles. <i>Applied Surface Science</i> , 2011, 257, 10659-10666.	6.1	10
8	Phase-assisted synthesis and DNA unpacking evaluation of biologically inspired metallo nanocomplexes using peptide as unique building block. <i>Journal of Colloid and Interface Science</i> , 2011, 364, 140-147.	9.4	4
9	DNA, the biopolymer as a target material for metalloinsertors: From chemistry to preclinical implications. <i>Materials Science and Engineering C</i> , 2015, 53, 239-251.	7.3	3
10	Phase-Transfer Synthesis and an Insight Into the Interfacial Antitumor Mechanism of Novel Peptide Functionalized Metal Nanoparticles. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 355-365.	0.6	1
11	Synthesis, phase transition and structural properties of LPMO nanoperovskites with influence of grain size towards ultrasonic studies. <i>Cogent Chemistry</i> , 2015, 1, 1080209.	2.5	1
12	Synthesis, Phase Transition of La <sub>0.69</sub> Sr <sub>0.31</sub> MnO <sub>3</sub> Nanoperovskites Toward Its Versatile Structural, Electrical and Mechanical Properties Employing Ultrasonic Measurements. <i>Journal of Cluster Science</i> , 2016, 27, 1963-1975.	3.3	1
13	In vitro antitumor assessments of peptide nanocomplexes on Dalton's lymphoma ascites tumor model. <i>Materials Science and Engineering C</i> , 2013, 33, 884-891.	7.3	0
14	Self-Assemblies and In Vitro Cancer Inhibition of Peptide Based Nanocomplexes. <i>Science of Advanced Materials</i> , 2013, 5, 127-136.	0.7	0