

Shyamal Kumar Saha

List of Publications by Year in descending order

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20
papers

921
citations

687363

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h-index

752698

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20
all docs

20
docs citations

20
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Selective Detection of Trinitrophenol by Luminescent Functionalized Reduced Graphene Oxide through FRET Mechanism. ACS Applied Materials & Interfaces, 2014, 6, 10722-10728.	8.0	182
2	Removal of toxic Cr(vi) by UV-active functionalized graphene oxide for water purification. Journal of Materials Chemistry A, 2013, 1, 11221.	10.3	136
3	Amorphous molybdenum sulfide quantum dots: an efficient hydrogen evolution electrocatalyst in neutral medium. Journal of Materials Chemistry A, 2016, 4, 15486-15493.	10.3	105
4	Thymine Functionalized Graphene Oxide for Fluorescence "Turn-off-on" Sensing of Hg ²⁺ and I ⁻ in Aqueous Medium. ACS Applied Materials & Interfaces, 2015, 7, 14743-14749.	8.0	78
5	Nitrogen, sulphur co-doped graphene quantum dot: An excellent sensor for nitroexplosives. Sensors and Actuators B: Chemical, 2018, 257, 586-593.	7.8	73
6	High selectivity in water soluble MoS ₂ quantum dots for sensing nitro explosives. Journal of Materials Chemistry C, 2016, 4, 6321-6326.	5.5	69
7	Sulfuric acid doped poly diaminopyridine/graphene composite to remove high concentration of toxic Cr(VI). Journal of Hazardous Materials, 2015, 291, 93-101.	12.4	62
8	Field-Induced Ferromagnetism and Multiferroic Behavior in End-on Pseudohalide-Bridged Dinuclear Copper(II) Complexes with Tridentate Schiff Base Blocking Ligands. Inorganic Chemistry, 2014, 53, 8723-8734.	4.0	48
9	NiO Nanoparticle Synthesis Using a Triblock Copolymer: Enhanced Magnetization and High Specific Capacitance of Electrodes Prepared from the Powder. ACS Omega, 2017, 2, 283-289.	3.5	28
10	Superior magnetic, dielectric, and magnetodielectric effects in graphene/ZnCo ₂ O ₄ nanocomposites. Journal of Applied Physics, 2014, 115, .	2.5	25
11	Photoluminescence study of optically active diaminopyridine intercalated graphene oxide. RSC Advances, 2014, 4, 50542-50548.	3.6	24
12	Mononuclear manganese(III) complexes of bidentate NO donor Schiff base ligands: synthesis, structural characterization, magnetic and catecholase studies. RSC Advances, 2015, 5, 23855-23864.	3.6	19
13	Synthesis of multilayered structure of nano-dimensional silica glass/reduced graphene oxide for advanced electrochemical applications. Nanoscale, 2018, 10, 5539-5549.	5.6	18
14	Surfactant-assisted hydrothermal synthesis of CdS nanotips: optical and magnetic properties. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	12
15	Fast Ion Conduction in Nanodimensional Lithium Silicate Glasses. Journal of Physical Chemistry C, 2016, 120, 431-436.	3.1	12
16	Field-induced ferromagnetism due to magneto-striction in 1-D helical chains. RSC Advances, 2016, 6, 22980-22988.	3.6	11
17	Asymmetric bis-(1,1-azido) bridged dinuclear copper(II) complex with N ₂ O donor Schiff base: synthesis, structure and magnetic study. Journal of Coordination Chemistry, 2015, 68, 1361-1373.	2.2	8
18	An unusual magnetic response in a π -stacked 6 ⁶ -dia net structure of [4 + 2] copper(II) cubane. RSC Advances, 2015, 5, 46869-46872.	3.6	5

#	ARTICLE	IF	CITATIONS
19	Two new mononuclear cobalt(II) complexes of pyrazole-based ligands: synthesis, structures and magnetic studies. <i>Transition Metal Chemistry</i> , 2016, 41, 347-355.	1.4	3
20	Ionic conductivity of sodium silicate glasses grown within confined volume of mesoporous silica template. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3