

# Shyamal Kumar Saha

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

921  
citations

687363

13  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of multilayered structure of nano-dimensional silica glass/reduced graphene oxide for advanced electrochemical applications. <i>Nanoscale</i> , 2018, 10, 5539-5549.	5.6	18
2	Nitrogen, sulphur co-doped graphene quantum dot: An excellent sensor for nitroexplosives. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 586-593.	7.8	73
3	Ionic conductivity of sodium silicate glasses grown within confined volume of mesoporous silica template. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
4	NiO Nanoparticle Synthesis Using a Triblock Copolymer: Enhanced Magnetization and High Specific Capacitance of Electrodes Prepared from the Powder. <i>ACS Omega</i> , 2017, 2, 283-289.	3.5	28
5	Field-induced ferromagnetism due to magneto-striction in 1-D helical chains. <i>RSC Advances</i> , 2016, 6, 22980-22988.	3.6	11
6	Amorphous molybdenum sulfide quantum dots: an efficient hydrogen evolution electrocatalyst in neutral medium. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15486-15493.	10.3	105
7	High selectivity in water soluble MoS <sub>2</sub> quantum dots for sensing nitro explosives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6321-6326.	5.5	69
8	Fast Ion Conduction in Nanodimensional Lithium Silicate Glasses. <i>Journal of Physical Chemistry C</i> , 2016, 120, 431-436.	3.1	12
9	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
10	An unusual magnetic response in a $\pi$ -stacked 6 <sup>6</sup> -dia net structure of [4 + 2] copper(II) cubane. <i>RSC Advances</i> , 2015, 5, 46869-46872.	3.6	5
11	Sulfuric acid doped poly diaminopyridine/graphene composite to remove high concentration of toxic Cr(VI). <i>Journal of Hazardous Materials</i> , 2015, 291, 93-101.	12.4	62
12	Mononuclear manganese(III) complexes of bidentate NO donor Schiff base ligands: synthesis, structural characterization, magnetic and catecholase studies. <i>RSC Advances</i> , 2015, 5, 23855-23864.	3.6	19
13	Thymine Functionalized Graphene Oxide for Fluorescence "Turn-off-on" Sensing of Hg <sup>2+</sup> and I <sup>-</sup> in Aqueous Medium. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 14743-14749.	8.0	78
14	Asymmetric bis-(1,1-azido) bridged dinuclear copper(II) complex with N <sub>2</sub> O donor Schiff base: synthesis, structure and magnetic study. <i>Journal of Coordination Chemistry</i> , 2015, 68, 1361-1373.	2.2	8
15	Photoluminescence study of optically active diaminopyridine intercalated graphene oxide. <i>RSC Advances</i> , 2014, 4, 50542-50548.	3.6	24
16	Field-Induced Ferromagnetism and Multiferroic Behavior in End-on Pseudohalide-Bridged Dinuclear Copper(II) Complexes with Tridentate Schiff Base Blocking Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 8723-8734.	4.0	48
17	Superior magnetic, dielectric, and magnetodielectric effects in graphene/ZnCo <sub>2</sub> O <sub>4</sub> nanocomposites. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	25
18	Highly Selective Detection of Trinitrophenol by Luminescent Functionalized Reduced Graphene Oxide through FRET Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 10722-10728.	8.0	182

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19	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
20	Surfactant-assisted hydrothermal synthesis of CdS nanotips: optical and magnetic properties. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	12