

Sandip Bhowmik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11757557/publications.pdf>

Version: 2024-02-01

13
papers

751
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1070
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomolar Pyrophosphate Detection in Water and in a Self-Assembled Hydrogel of a Simple Terpyridine-Zn ²⁺ Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 5543-5546.	13.7	230
2	A self-assembled, luminescent europium cholate hydrogel: a novel approach towards lanthanide sensitization. <i>Chemical Communications</i> , 2010, 46, 8642.	4.1	86
3	Very strong π - π^* N ⁺ X ⁺ π - π^* O ⁻ N ⁺ halogen bonds. <i>Chemical Communications</i> , 2016, 52, 2338-2341.	4.1	79
4	Self-organization of multiple components in a steroidal hydrogel matrix: design, construction and studies on novel tunable luminescent gels and xerogels. <i>Soft Matter</i> , 2011, 7, 8207.	2.7	72
5	A highly selective, Hg ²⁺ triggered hydrogelation: modulation of morphology by chemical stimuli. <i>Chemical Communications</i> , 2014, 50, 734-736.	4.1	52
6	A novel α -pro-sensitizer β -based sensing of enzymes using Tb(III) luminescence in a hydrogel matrix. <i>Chemical Communications</i> , 2012, 48, 4624.	4.1	51
7	Transition metal ion induced hydrogelation by amino-terpyridine ligands. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8836-8839.	2.8	45
8	White light emitting soft materials from off-the-shelf ingredients. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5885-5889.	5.5	33
9	N-Alkyl ammonium resorcinarene salts: multivalent halogen-bonded deep-cavity cavitands. <i>Organic Chemistry Frontiers</i> , 2015, 2, 340-345.	4.5	32
10	A room temperature, templated synthesis of lanthanide trifluoride nanoparticles and their unusual self-assembly. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1597.	5.5	21
11	DOSY NMR, X-ray Structural and Ion-Mobility Mass Spectrometric Studies on Electron-Deficient and Electron-Rich M ₆ L ₄ Coordination Cages. <i>Inorganic Chemistry</i> , 2015, 54, 6055-6061.	4.0	20
12	Metallogel formation in aqueous DMSO by perfluoroalkyl decorated terpyridine ligands. <i>Dalton Transactions</i> , 2016, 45, 12756-12762.	3.3	20
13	<i>N</i> -Alkyl Ammonium Resorcinarene Salts as High Affinity Tetravalent Chloride Receptors. <i>Chemistry - A European Journal</i> , 2016, 22, 1355-1361.	3.3	10