

Sagarika Bhattacharya

List of Publications by Year in descending order

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823
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#	ARTICLE	IF	CITATIONS
1	Aggregation-Induced Emission: Crystallization-Induced Emissive Invisible Ink (Advanced Optical) Tj ETQq1 1 0.784314 rgBT /Overled	3.6	8
2	Elastic carbon dot/polymer films for fluorescent tensile sensing and mechano-optical tuning. Carbon, 2019, 152, 363-371.	5.4	42
3	Crystallization-Induced Emissive Invisible Ink. Advanced Optical Materials, 2019, 7, 1900232.	3.6	8
4	Selective Labeling and Growth Inhibition of <i>Pseudomonas aeruginosa</i> by Aminoguanidine Carbon Dots. ACS Infectious Diseases, 2019, 5, 292-302.	1.8	50
5	Fluorescent Self-Healing Carbon Dot/Polymer Gels. ACS Nano, 2019, 13, 1433-1442.	7.3	73
6	Carbon-dot hydrogel for enzyme-mediated bacterial detection. RSC Advances, 2017, 7, 588-594.	1.7	51
7	Nitric Oxide Sensing through Azo-Dye Formation on Carbon Dots. ACS Sensors, 2017, 2, 1215-1224.	4.0	63
8	Syntheses, Crystal Structures and Photophysical Aspects of Discrete and Polymeric Azido-Bridged Zinc(II) and Cadmium(II) Complexes: Sensing Properties and Structural Resemblance. ChemistrySelect, 2017, 2, 11091-11099.	0.7	10
9	Detection of Reactive Oxygen Species by a Carbon-Dot-Ascorbic Acid Hydrogel. Analytical Chemistry, 2017, 89, 830-836.	3.2	60
10	Heterometallic copper(II)-lead(II), nickel(II)-lead(II) and copper(II)-indium(III) compounds derived from an acyclic double-compartment Schiff base ligand. Inorganica Chimica Acta, 2015, 432, 169-175.	1.2	14
11	Crystal structure and magnetic properties of a hexacopper(II)-based azide-bridged one-dimensional coordination polymer: A new pattern of azide-bridged network. Polyhedron, 2014, 73, 67-71.	1.0	9
12	Syntheses, crystal structures and magnetic properties of a series of $\text{1,1'-(1,3-dicarboxylato)tr nickel(II)}$ compounds. Dalton Transactions, 2014, 43, 12065.	1.6	7
13	Diaquadinitratouranyl(VI) enforces the O(phenoxo)2O(methoxy)2 compartment of 3-methoxysalicylaldehyde-diamine ligands to interact with water molecules. Inorganica Chimica Acta, 2013, 405, 196-202.	1.2	16
14	Syntheses, Structures, Magnetic Properties, and Density Functional Theory Magneto-Structural Correlations of Bis(1-phenoxo) and Bis(1-phenoxo)-1-acetate/Bis(1-phenoxo)-bis(1-acetate) Dinuclear $\text{Fe}^{\text{III}}\text{Ni}^{\text{II}}$ Compounds. Inorganic Chemistry, 2013, 52, 12881-12892.	1.9	45
15	Syntheses, crystal structures and spectroscopy of di/tri/tetranuclear discrete and co-crystalline copper(II)-NaI/ZnII/CdII complexes derived from a compartmental ligand: Inconsistency in the shifting of the copper(II) d-d band. Polyhedron, 2013, 62, 234-242.	1.0	24
16	First examples of 3d-uranium compounds derived from single-compartment Schiff base ligands: Syntheses, crystal structures and d-d band correlation. Inorganica Chimica Acta, 2013, 406, 87-94.	1.2	15
17	Crystal structures of discrete, one-dimensional and cocrystalline copper(ii)-uranyl(vi) systems: the influence of the reactant ratio in the competition between hydrogen bonds and coordinate bonds. CrystEngComm, 2013, 15, 10374.	1.3	33
18	Bis(nitrate)diaquauranyl(vi) synthon to generate $[1 \text{ Å}^{-2} + 1 \text{ Å}^{-1}]$ and $[1 \text{ Å}^{-1} + 1 \text{ Å}^{-1}]$ co-crystalized 3d ⁵ f self-assemblies. CrystEngComm, 2011, 13, 1029-1036.	1.3	38