

Sagarika Bhattacharya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluorescent Self-Healing Carbon Dot/Polymer Gels. <i>ACS Nano</i> , 2019, 13, 1433-1442.	7.3	73
2	Nitric Oxide Sensing through Azo-Dye Formation on Carbon Dots. <i>ACS Sensors</i> , 2017, 2, 1215-1224.	4.0	63
3	Detection of Reactive Oxygen Species by a Carbon-Dot-Ascorbic Acid Hydrogel. <i>Analytical Chemistry</i> , 2017, 89, 830-836.	3.2	60
4	Carbon-dot-hydrogel for enzyme-mediated bacterial detection. <i>RSC Advances</i> , 2017, 7, 588-594.	1.7	51
5	Selective Labeling and Growth Inhibition of <i>Pseudomonas aeruginosa</i> by Aminoguanidine Carbon Dots. <i>ACS Infectious Diseases</i> , 2019, 5, 292-302.	1.8	50
6	Syntheses, Structures, Magnetic Properties, and Density Functional Theory Magneto-Structural Correlations of Bis($\frac{1}{4}$ -phenoxo) and Bis($\frac{1}{4}$ -phenoxo)- $\frac{1}{4}$ -acetate/Bis($\frac{1}{4}$ -phenoxo)-bis($\frac{1}{4}$ -acetate) Dinuclear Fe ^{III} /Ni ^{II} Compounds. <i>Inorganic Chemistry</i> , 2013, 52, 12881-12892.	1.9	45
7	Elastic carbon dot/polymer films for fluorescent tensile sensing and mechano-optical tuning. <i>Carbon</i> , 2019, 152, 363-371.	5.4	42
8	Bis(nitrate)diaquauranyl(vi) synthon to generate [1 \bar{A} - 2 + 1 \bar{A} - 1] and [1 \bar{A} - 1 + 1 \bar{A} - 1] co-crystalized 3d ⁵ f self-assemblies. <i>CrystEngComm</i> , 2011, 13, 1029-1036.	1.3	38
9	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. <i>CrystEngComm</i> , 2013, 15, 10374.	1.3	33
10	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. <i>Polyhedron</i> , 2013, 62, 234-242.	1.0	24
11	Diaquadinitratouranyl(VI) enforces the O(phenoxo)2O(methoxy)2 compartment of 3-methoxysalicylaldehyde-diamine ligands to interact with water molecules. <i>Inorganica Chimica Acta</i> , 2013, 405, 196-202.	1.2	16
12	First examples of 3d-uranium compounds derived from single-compartment Schiff base ligands: Syntheses, crystal structures and d-d band correlation. <i>Inorganica Chimica Acta</i> , 2013, 406, 87-94.	1.2	15
13	Heterometallic copper(II)-lead(II), nickel(II)-lead(II) and copper(II)-indium(III) compounds derived from an acyclic double-compartment Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2015, 432, 169-175.	1.2	14
14	Syntheses, Crystal Structures and Photophysical Aspects of Discrete and Polymeric Azido-Bridged Zinc(II) and Cadmium(II) Complexes: Sensing Properties and Structural Resemblance. <i>ChemistrySelect</i> , 2017, 2, 11091-11099.	0.7	10
15	Crystal structure and magnetic properties of a hexacopper(II)-based azide-bridged one-dimensional coordination polymer: A new pattern of azide-bridged network. <i>Polyhedron</i> , 2014, 73, 67-71.	1.0	9
16	Crystallization-Induced Emissive Invisible Ink. <i>Advanced Optical Materials</i> , 2019, 7, 1900232.	3.6	8
17	Syntheses, crystal structures and magnetic properties of a series of $\frac{1}{4}$ -phenoxo- $\frac{1}{4}$ -carboxylato- $\frac{1}{4}$ -1,1,3-carboxylato trinickel(μ_2) compounds. <i>Dalton Transactions</i> , 2014, 43, 12065.	1.6	7
18	Aggregation-Induced Emission: Crystallization-Induced Emissive Invisible Ink (Advanced Optical) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	3.6	8