

Soumyabrata Goswami

List of Publications by Year in descending order

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36
papers

1,073
citations

471371

17
h-index

395590

33
g-index

37
all docs

37
docs citations

37
times ranked

1468
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the structural features and magnetic behaviors in dinuclear cobalt(II) and trinuclear iron(III) complexes. <i>Inorganica Chimica Acta</i> , 2022, 535, 120852.	1.2	2
2	Design of Dinuclear Lanthanide Complexes from N ₂ O ₂ Donor Ligand for Single Molecule Magnets: Crystalline Architecture and Slow Magnetic Relaxation Studies. <i>ChemistrySelect</i> , 2022, 7, .	0.7	0
3	Structural perception into the supramolecular self-assembly directed by C-H \cdots N and π - π interactions of 5,15-di(4-carboxyphenyl)-10,20-di(pyrenyl) zinc porphyrin linker. <i>Journal of Molecular Structure</i> , 2021, 1227, 129567.	1.8	1
4	Role of Framework-Carrier Interactions in Proton-Conducting Crystalline Porous Materials. <i>Crystal Growth and Design</i> , 2021, 21, 1378-1388.	1.4	20
5	Solvent Influence in Obtaining Diverse Coordination Symmetries of Dy(III) Metal Centers in Coordination Polymers: Synthesis, Characterization, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2020, 20, 2973-2984.	1.4	20
6	Fabrication of morphologically modified strong supramolecular nanocomposite antibacterial hydrogels based on sodium deoxycholate with inverted optical activity and sustained release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110803.	2.5	6
7	Location controlled symmetry reduction: paradigm of an open metalloporphyrin framework based on the tetracarboxy porphyrin linker. <i>CrystEngComm</i> , 2019, 21, 5216-5221.	1.3	2
8	Inclusion of Ln(III) in the Complexes of Co(II) with a Mannich Base Ligand: Development of Atmospheric CO ₂ Fixation and Enhancement of Catalytic Oxidase Activities. <i>Inorganic Chemistry</i> , 2019, 58, 5787-5798.	1.9	41
9	Open MOFs with Unique Hexatopic Zinc-5,15-bis(4-carboxyphenyl)-10,20-bis(3,5-dicarboxyphenyl)porphyrin Linker. <i>Crystal Growth and Design</i> , 2018, 18, 230-241.	1.4	11
10	Rare azido and hydroxido bridged tetranuclear Co(II) complexes of a polynucleating Mannich base ligand with a defect dicubane core: structures, magnetism and phenoxazinone synthase like activity. <i>New Journal of Chemistry</i> , 2018, 42, 19377-19389.	1.4	15
11	Dual release kinetics in a single dosage from core-shell hydrogel scaffolds. <i>RSC Advances</i> , 2018, 8, 32695-32706.	1.7	9
12	Field-Dependent Magnetic Behaviour in Mn(II)(dicarboxylate)(bipyridyl)-type 3D Metal-Organic Frameworks with Interpenetrated Structures. <i>ChemistrySelect</i> , 2017, 2, 2322-2329.	0.7	6
13	Novel meso-substituted trans-A ₂ B ₂ porphyrins: synthesis and structure of their metal-mediated supramolecular assemblies. <i>CrystEngComm</i> , 2017, 19, 6845-6857.	1.3	11
14	Mn(II) and Co(II) Coordination Polymers Showing Field-Dependent Magnetism and Slow Magnetic Relaxation Behavior. <i>Crystal Growth and Design</i> , 2017, 17, 4393-4404.	1.4	46
15	Tuning the Magnetoluminescence Behavior of Lanthanide Complexes Having Sphenocorona and Cubic Coordination Geometries. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2774-2782.	1.0	19
16	Can Side Chain Interactions Nucleate Supramolecular Heterogeneity in Synthetic Tripeptides?. <i>Crystal Growth and Design</i> , 2016, 16, 2130-2139.	1.4	12
17	Supramolecular heterogeneity in $\hat{1}^2$ -turn forming synthetic tripeptides nucleated by isomers of fluorinated phenylalanine and aib as corner residues. <i>Supramolecular Chemistry</i> , 2015, 27, 669-678.	1.5	10
18	Influence of the coordination environment on slow magnetic relaxation and photoluminescence behavior in two mononuclear dysprosium(III) based single molecule magnets. <i>Dalton Transactions</i> , 2015, 44, 5086-5094.	1.6	50

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19	Nanoscope molecular magnets. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 687-712.	3.0	77
20	Stable Multiresponsive Luminescent MOF for Colorimetric Detection of Small Molecules in Selective and Reversible Manner. <i>Chemistry of Materials</i> , 2015, 27, 5349-5360.	3.2	227
21	Concomitant spin-canted antiferromagnetic ordering and proton conduction in homometallic and homoleptic coordination polymers. <i>Dalton Transactions</i> , 2015, 44, 3949-3953.	1.6	10
22	Exploration of the structural features and magnetic behaviour in a novel 3-dimensional interpenetrating Co(II)-based framework. <i>Journal of Chemical Sciences</i> , 2015, 127, 257-264.	0.7	2
23	Formation of a Magnetically Coupled Neutral [4Å–4] Square Grid from a 2,6-Pyridinedicarbaldehyde Bis(hydrazone) Ligand. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 963-967.	1.0	12
24	A porous metal organic framework with a bcu-type topology involving in situ ligand formation $\hat{\epsilon}^{\epsilon}$ synthesis, structure, magnetic property and gas adsorption studies. <i>CrystEngComm</i> , 2014, 16, 369-374.	1.3	48
25	A family of three magnetic metal organic frameworks: their synthesis, structural, magnetic and vapour adsorption study. <i>CrystEngComm</i> , 2014, 16, 4742-4752.	1.3	20
26	A perception of ferro- and antiferromagnetic interactions in a two dimensional Ni($\langle\text{scp}\rangle\text{ii}\langle\text{scp}\rangle$) heterochiral coordination polymer showing unusual CO ₂ uptake behavior. <i>Dalton Transactions</i> , 2014, 43, 16996-16999.	1.6	6
27	Modulating the magnetic properties by structural modification in a family of Co-Ln (Ln = Gd, Dy) molecular aggregates. <i>Dalton Transactions</i> , 2014, 43, 14577-14585.	1.6	26
28	Transparent, free-standing, flexible and selective CO ₂ adsorbent films fabricated from homopolymer/metal salt hybrid gels. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2609.	5.2	4
29	Study of Heterogeneous Catalysis by Iron-Squarate based 3D Metal Organic Framework for the Transformation of Tetrazines to Oxadiazole derivatives. <i>Inorganic Chemistry</i> , 2014, 53, 7071-7073.	1.9	37
30	Synthesis and Characterization of Two Lanthanide (Gd ³⁺ and Dy ³⁺)-Based Three-Dimensional Metal Organic Frameworks with Squashed Metallomacrocyclic Type Building Blocks and Their Magnetic, Sorption, and Fluorescence Properties Study. <i>Crystal Growth and Design</i> , 2014, 14, 1287-1295.	1.4	93
31	Observation of a large magnetocaloric effect in a 2D Gd(III)-based coordination polymer. <i>Dalton Transactions</i> , 2013, 42, 13331.	1.6	74
32	A 3D Iron(II)-Based MOF with Squashed Cuboctahedral Nanoscopic Cages Showing Spin-Canted Long-Range Antiferromagnetic Ordering. <i>Inorganic Chemistry</i> , 2013, 52, 12064-12069.	1.9	48
33	A 2D coordination polymer based on Co ₃ -SBU showing spin-canting ferromagnetic behaviour. <i>RSC Advances</i> , 2013, 3, 25237.	1.7	25
34	Serendipitous Assemblies of Two Large Phosphonate Cages: A Co ₁₅ Distorted Molecular Cube and a Co ₁₂ Butterfly Type Core Structure. <i>Inorganic Chemistry</i> , 2013, 52, 4127-4129.	1.9	24
35	Lanthanide based coordination polymers chill, relax under magnetic field and also fluoresce. <i>Dalton Transactions</i> , 2013, 42, 9813.	1.6	55
36	Halogen Bond Mediated Self-Assembly of Mononuclear Lanthanide Complexes: Perception of Supramolecular Interactions, Slow Magnetic Relaxation, and Photoluminescence Properties. <i>Inorganic Chemistry</i> , 0, , .	1.9	3