

Ashta C Ghosh

List of Publications by Year in descending order

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18
papers

554
citations

759233

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839539

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docs citations

18
times ranked

884
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-synthetic metalation in an anionic MOF for efficient catalytic activity and removal of heavy metal ions from aqueous solution. <i>Chemical Communications</i> , 2016, 52, 2831-2834.	4.1	128
2	Synergy between metals for small molecule activation: Enzymes and bio-inspired complexes. <i>Coordination Chemistry Reviews</i> , 2021, 428, 213606.	18.8	74
3	A Metal-Organic Framework with Highly Polar Pore Surfaces: Selective CO ₂ Adsorption and Guest-Dependent On/Off Emission Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 237-244.	3.3	69
4	Molecular Porous Photosystems Tailored for Long-Term Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5116-5122.	13.8	60
5	Rhodium-Based Metal-Organic Polyhedra Assemblies for Selective CO ₂ Photoreduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 3626-3636.	13.7	57
6	A Vanadium (VO ₂ ⁺) Metal-Organic Framework: Selective Vapor Adsorption, Magnetic Properties, and Use as a Precursor for a Polyoxovanadate. <i>Inorganic Chemistry</i> , 2011, 50, 5145-5152.	4.0	29
7	Finding the Sweet Spot of Photocatalysis—A Case Study Using Bipyridine-Based CTFs. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14182-14192.	8.0	22
8	Synthesis, characterization and oxygen atom transfer reactivity of a pair of Mo(^{iv})O- and Mo(^{vi})O ₂ -enedithiolate complexes—a look at both ends of the catalytic transformation. <i>Dalton Transactions</i> , 2017, 46, 7523-7533.	3.3	19
9	Molecular Porous Photosystems Tailored for Long-Term Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie</i> , 2020, 132, 5154-5160.	2.0	15
10	The unexpected and facile molybdenum mediated formation of tri- and tetracyclic pentathiepins from pyrazine-alkynes and sulfur. <i>Chemical Communications</i> , 2013, 49, 4343-4345.	4.1	12
11	Selective Capture of Ni ²⁺ Ions by Naphthalene- and Coumarin-Substituted Dithiolenes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 208-218.	2.0	12
12	Selectively detecting Hg ²⁺ —A mercury quick test—with bis-(coumarin-dithiolene) niccolate. <i>Inorganica Chimica Acta</i> , 2016, 445, 149-154.	2.4	12
13	Nanocrystalline Polymer Impregnated [Fe(pz)Pt(CN) ₄] Thin Films Prepared by Matrix-Assisted Pulsed Laser Evaporation. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3249-3255.	2.0	12
14	Spin crossover and cooperativity in nanocrystalline [Fe(pyrazine)Pt(CN) ₄] thin films deposited by matrix-assisted laser evaporation. <i>Applied Surface Science</i> , 2021, 541, 148419.	6.1	9
15	An Asymmetrically Substituted Aliphatic Bis-Dithiolene Mono-Oxido Molybdenum(IV) Complex With Ester and Alcohol Functions as Structural and Functional Active Site Model of Molybdoenzymes. <i>Frontiers in Chemistry</i> , 2019, 7, 486.	3.6	8
16	Synthesis, Mössbauer, cyclic voltammetry, magnetic properties and molecular structures of the low-spin iron(III) bis(pyrazine) complexes with the para-fluoro and para-chloro substituted meso-tetraphenylporphyrin. <i>Inorganica Chimica Acta</i> , 2018, 477, 114-121.	2.4	7
17	The ring opening reaction of 1,3-dithiol-2-one systems is fully reversible. <i>Chemical Communications</i> , 2014, 50, 10102-10104.	4.1	6
18	Hexanuclear Fe(III) wheels functionalized by amino-acetonitrile derivatives. <i>Solid State Sciences</i> , 2018, 78, 156-162.	3.2	3