

Biplab K Maiti

List of Publications by Citations

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30
papers

229
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34
ext. papers

312
ext. citations

4.9
avg, IF

4.4
L-index

#	Paper	IF	Citations
30	Can Papain-like Protease Inhibitors Halt SARS-CoV-2 Replication?. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 1017-1019	5.9	22
29	Flexible Cu ^I thiolate Clusters with Relevance to Metallothioneins. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5548-5555	2.3	21
28	A structural model of mixed metal sulfide cluster of molybdenum and copper present in the orange protein of <i>Desulfovibrio gigas</i> . <i>Inorganic Chemistry Communication</i> , 2004 , 7, 1027-1029	3.1	21
27	Potential Role of Peptide-Based Antiviral Therapy Against SARS-CoV-2 Infection. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 783-785	5.9	17
26	One electron reduced square planar bis(benzene-1,2-dithiolato) copper dianionic complex and redox switch by O ₂ /HO(-). <i>Inorganic Chemistry</i> , 2014 , 53, 12799-808	5.1	15
25	Rubredoxins derivatives: Simple sulphur-rich coordination metal sites and its relevance for biology and chemistry. <i>Coordination Chemistry Reviews</i> , 2017 , 352, 379-397	23.2	12
24	Copper-substituted forms of the wild type and C42A variant of rubredoxin. <i>Journal of Inorganic Biochemistry</i> , 2013 , 127, 232-7	4.2	10
23	Unusual Reduction Mechanism of Copper in Cysteine-Rich Environment. <i>Inorganic Chemistry</i> , 2018 , 57, 8078-8088	5.1	10
22	Protein-Assisted Formation of Molybdenum Heterometallic Clusters: Evidence for the Formation of SMoS-M-SMoS Clusters with M = Fe, Co, Ni, Cu, or Cd within the Orange Protein. <i>Inorganic Chemistry</i> , 2017 , 56, 2210-2220	5.1	9
21	A straightforward and generalizable synthetic methodology for the synthesis of ruthenium(II) complexes with thioether ligands from either Ru(III) or Ru(0) precursors. <i>Dalton Transactions</i> , 2010 , 39, 5713-20	4.3	9
20	Designed Metal-ATCUN Derivatives: Redox- and Non-redox-Based Applications Relevant for Chemistry, Biology, and Medicine. <i>IScience</i> , 2020 , 23, 101792	6.1	9
19	Diverse biological roles of the tetrathiomolybdate anion. <i>Coordination Chemistry Reviews</i> , 2021 , 429, 213635	23.2	8
18	Incorporation of molybdenum in rubredoxin: models for mononuclear molybdenum enzymes. <i>Journal of Biological Inorganic Chemistry</i> , 2015 , 20, 821-9	3.7	7
17	Insights into the Molybdenum/Copper Heterometallic Cluster Assembly in the Orange Protein: Probing Intermolecular Interactions with an Artificial Metal-Binding ATCUN Tag. <i>Inorganic Chemistry</i> , 2017 , 56, 8900-8911	5.1	7
16	Oxomolybdenum monodithiolene complexes linked with sulfur bridged iron: antiferromagnetically coupled Fe(III)Mo(V) systems. <i>Dalton Transactions</i> , 2012 , 41, 12926-35	4.3	7
15	Two enantiomers of [Cu(3)(mnt)(3)](3-) as ligands to Cu(I) or Ag(I) in building [Cu(6)M(2)(mnt)(6)](4-) complexes (M = Cu or Ag) with the reversal of the reaction by X(-) (X = Cl, Br). <i>Dalton Transactions</i> , 2008 , 1003-8	4.3	7
14	Plasticity in [(R ₄ R ₁ x) ₄ N] ₄ [Cu ₄ {S ₂ C ₂ (CN) ₂] ₄] (x = 0) is Molded by a Guest Cation on an Elastic Anionic Host. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2407-2420	2.3	6

13	The small iron-sulfur protein from the ORP operon binds a [2Fe-2S] cluster. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016 , 1857, 1422-1429	4.6	5
12	Synthesis of [MoS ₄] ₂ M (M = Cu and Cd) Clusters: Potential NMR Spectroscopic Structural Probes for the Orange Protein. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4159-4166	2.3	5
11	Heme/Hemeoxygenase-1 System Is a Potential Therapeutic Intervention for COVID-19 Patients with Severe Complications. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 1032-1034	5.9	5
10	Ni -ATCUN-Catalyzed Tyrosine Nitration in the Presence of Nitrite and Sulfite. <i>Chemistry - A European Journal</i> , 2019 , 25, 4309-4314	4.8	4
9	Rearrangement of Mo-Cu-S Cluster Reflects the Structural Instability of Orange Protein Cofactor. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1361-1364	1.3	4
8	Photochemical Synthesis of Ruthenium Carbonyl Compounds with Thioether Ligands and Subsequent Oxidative Cleavage of Trinuclear Complexes by Chlorinated Solvents. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1545-1552	2.3	3
7	Synthesis and characterization of [S ₂ MoS ₂ Cu(n-SPhF)] ₂ (n=o, m, p) clusters: Potential 19F-NMR structural probes for Orange Protein. <i>Inorganic Chemistry Communication</i> , 2014 , 45, 97-100	3.1	2
6	Cleavage of thioether bridges in dinuclear ruthenium complexes by Lewis bases: Synthesis and crystal structure of [RuCl ₂ (CO)(THT)(PPh ₃) ₂]. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1294-1296	3.1	1
5	Oxidation of phosphine by sulfur or selenium involving a catalytic cycle in the interconversion of monomer and tetramer forms of copper-maleonitriledithiolate complexes. <i>Journal of Chemical Sciences</i> , 2009 , 121, 37-41	1.8	1
4	Sulfide and transition metals - A partnership for life.. <i>Journal of Inorganic Biochemistry</i> , 2021 , 227, 111687.	4.2	1
3	A review on chemical and physical properties of tetrathiomolybdate (TTM) anion drug is useful for TTM treated diseases. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100117		0
2	Small phospho-donors phosphorylate MorR without inducing protein conformational changes. <i>Biophysical Chemistry</i> , 2018 , 240, 25-33	3.5	
1	Selective inclusion of DMF molecules within non-covalent cavity. <i>Inorganica Chimica Acta</i> , 2011 , 372, 213-219	2.7	