

# Biplab K Maiti

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

229  
citations

9  
h-index

13  
g-index

34  
ext. papers

312  
ext. citations

4.9  
avg, IF

4.4  
L-index

#	Paper	IF	Citations
30	Sulfide and transition metals - A partnership for life.. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 227, 111687.	7.2	1
29	Diverse biological roles of the tetrathiomolybdate anion. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 429, 213635	23.2	8
28	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> , <b>2021</b> , 98, 100117		0
27	Heme/Hemeoxygenase-1 System Is a Potential Therapeutic Intervention for COVID-19 Patients with Severe Complications. <i>ACS Pharmacology and Translational Science</i> , <b>2020</b> , 3, 1032-1034	5.9	5
26	Designed Metal-ATCUN Derivatives: Redox- and Non-redox-Based Applications Relevant for Chemistry, Biology, and Medicine. <i>IScience</i> , <b>2020</b> , 23, 101792	6.1	9
25	Potential Role of Peptide-Based Antiviral Therapy Against SARS-CoV-2 Infection. <i>ACS Pharmacology and Translational Science</i> , <b>2020</b> , 3, 783-785	5.9	17
24	Can Papain-like Protease Inhibitors Halt SARS-CoV-2 Replication?. <i>ACS Pharmacology and Translational Science</i> , <b>2020</b> , 3, 1017-1019	5.9	22
23	Ni -ATCUN-Catalyzed Tyrosine Nitration in the Presence of Nitrite and Sulfite. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 4309-4314	4.8	4
22	Small phospho-donors phosphorylate MorR without inducing protein conformational changes. <i>Biophysical Chemistry</i> , <b>2018</b> , 240, 25-33	3.5	
21	Unusual Reduction Mechanism of Copper in Cysteine-Rich Environment. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 8078-8088	5.1	10
20	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> , <b>2017</b> , 56, 2210-2220	5.1	9
19	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> , <b>2017</b> , 56, 8900-8911	5.1	7
18	Rubredoxins derivatives: Simple sulphur-rich coordination metal sites and its relevance for biology and chemistry. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 352, 379-397	23.2	12
17	The small iron-sulfur protein from the ORP operon binds a [2Fe-2S] cluster. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2016</b> , 1857, 1422-1429	4.6	5
16	Incorporation of molybdenum in rubredoxin: models for mononuclear molybdenum enzymes. <i>Journal of Biological Inorganic Chemistry</i> , <b>2015</b> , 20, 821-9	3.7	7
15	Synthesis and characterization of [S <sub>2</sub> MoS <sub>2</sub> Cu(n-SPhF)] <sub>2</sub> (n=o, m, p) clusters: Potential 19F-NMR structural probes for Orange Protein. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 45, 97-100	3.1	2
14	One electron reduced square planar bis(benzene-1,2-dithiolato) copper dianionic complex and redox switch by O <sub>2</sub> /HO(-). <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 12799-808	5.1	15

13	Copper-substituted forms of the wild type and C42A variant of rubredoxin. <i>Journal of Inorganic Biochemistry</i> , <b>2013</b> , 127, 232-7	4.2	10
12	Rearrangement of Mo-Cu-S Cluster Reflects the Structural Instability of Orange Protein Cofactor. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2013</b> , 639, 1361-1364	1.3	4
11	Oxomolybdenum monodithiolene complexes linked with sulfur bridged iron: antiferromagnetically coupled Fe(III)Mo(V) systems. <i>Dalton Transactions</i> , <b>2012</b> , 41, 12926-35	4.3	7
10	Synthesis of [MoS <sub>4</sub> ] <sub>2</sub> M (M = Cu and Cd) Clusters: Potential NMR Spectroscopic Structural Probes for the Orange Protein. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 4159-4166	2.3	5
9	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> , <b>2011</b> , 2011, 1545-1552	2.3	3
8	Cleavage of thioether bridges in dinuclear ruthenium complexes by Lewis bases: Synthesis and crystal structure of [RuCl <sub>2</sub> (CO)(THT)(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 1294-1296	3.1	1
7	Selective inclusion of DMF molecules within non-covalent cavity. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 372, 213-219	2.7	
6	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> , <b>2010</b> , 39, 5713-20	4.3	9
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> , <b>2009</b> , 121, 37-41	1.8	1
4	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> , <b>2008</b> , 1003-8	4.3	7
3	Plasticity in [(R <sub>4</sub> R <sub>1</sub> x) <sub>4</sub> N] <sub>4</sub> [Cu <sub>4</sub> {S <sub>2</sub> C <sub>2</sub> (CN) <sub>2</sub> }] <sub>4</sub> (x = 0) is Molded by a Guest Cation on an Elastic Anionic Host. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 2407-2420	2.3	6
2	Flexible Cu Thiolate Clusters with Relevance to Metallothioneins. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 5548-5555	2.3	21
1	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> , <b>2004</b> , 7, 1027-1029	3.1	21