

# Joyee Mitra

## List of Publications by Year in descending order

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22  
papers

464  
citations

840776

11  
h-index

713466

21  
g-index

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all docs

22  
docs citations

22  
times ranked

895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd/C-catalyzed reactions of HMF: decarbonylation, hydrogenation, and hydrogenolysis. <i>Green Chemistry</i> , 2015, 17, 307-313.	9.0	167
2	Lignol Cleavage by Pd/C Under Mild Conditions and Without Hydrogen: A Role for Benzylic C-H Activation?. <i>ChemSusChem</i> , 2014, 7, 1623-1626.	6.8	59
3	Multistimuli-Responsive Self-Healable and Moldable Nickel(II)-Based Gels for Reversible Gas Adsorption and Palladium Sequestration via Gel-to-Gel Transformation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10718-10728.	8.0	37
4	Ni <sup>I</sup> /Ru <sup>II</sup> Model for the Ni <sup>I</sup> State of the [NiFe]Hydrogenases: Synthesis, Spectroscopy, and Reactivity. <i>Inorganic Chemistry</i> , 2014, 53, 4243-4249.	4.0	28
5	Electrocatalytic Oxygen Evolution in Acidic and Alkaline Media by a Multistimuli-Responsive Cobalt(II) Organogel. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16094-16102.	6.7	27
6	DFT studies of structural and some spectral parameters of copper(II) complexes with N,N,N',N'-tetrakis(2-hydroxyethyl)propyl ethylenediamine and tris(2-hydroxyethyl)amine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 115, 244-249.	3.9	21
7	Mono-oxo Bis(dithiolene) Mo(IV)/W(IV) Complexes as Building Blocks for Sulfide Bridged Bi- and Tri-Nuclear Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 5360-5364.	4.0	17
8	Regulating the heteroatom doping in metallogel-derived Co@dual self-doped carbon onions to maximize electrocatalytic water splitting. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26800-26809.	10.3	17
9	Oxo <sup>II</sup> Mo(IV)(dithiolene)thiolato Complexes: Analogue of Reduced Sulfite Oxidase. <i>Inorganic Chemistry</i> , 2013, 52, 3032-3042.	4.0	15
10	Synthesis, structure, computational, antimicrobial and <i>in vitro</i> anticancer studies of copper(II) complexes with N,N,N',N'-tetrakis(2-hydroxyethyl)ethylenediamine and tris(2-hydroxyethyl)amine. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2130-2146.	2.2	13
11	Rhenium(II) nitrosyl complexes: synthesis, characterization, DFT calculations and DNA nuclease activity. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1809-1834.	2.2	12
12	Modelling the reduced xanthine oxidase in active sulfo and inactive desulfo forms. <i>Dalton Transactions</i> , 2013, 42, 3050.	3.3	10
13	Self-Assembled Melaminium Adipate Lamellae for Adsorptive Removal of Anionic Dyes from Wastewater. <i>ACS Applied Polymer Materials</i> , 2021, 3, 651-660.	4.4	8
14	Diiron Dithiolate Hydrides Complemented with Proton-Responsive Phosphine-Amine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3169-3173.	2.0	7
15	Selective preparation of renewable ketals from biomass-based carbonyl compounds with polyols using $\beta$ -zeolite catalyst. <i>Molecular Catalysis</i> , 2022, 524, 112269.	2.0	6
16	Synthesis, structural, spectral characterization, DFT analysis and antimicrobial studies of aquabis(L-ornithine)copper(II) picrate. <i>Journal of Molecular Structure</i> , 2014, 1075, 43-48.	3.6	5
17	Visible light induced degradation of pollutant dyes using a self-assembled graphene oxide <sup>II</sup> molybdenum oxo-bis(dithiolene) composite. <i>New Journal of Chemistry</i> , 2018, 42, 14229-14238.	2.8	5
18	Biomimicking Oxidative Bromination and DNA Nuclease Activities of a New Structurally Characterised Oxido-Diperoxidomolybdenum(VI) Complex. <i>ChemistrySelect</i> , 2017, 2, 10199-10205.	1.5	3

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19	A Multifunctional Biomimicking Oxidovanadium(V) Complex: Synthesis, DFT Calculations, Bromo- $\epsilon$ -peroxidation and DNA Nuclease Activities. <i>ChemistrySelect</i> , 2018, 3, 7429-7438.	1.5	3
20	Second order non-linear optical activity of arsenic and antimony dithiolene complexes. <i>Dalton Transactions</i> , 2013, 42, 13905.	3.3	2
21	Substrate induced morphology in a hydrosulfide-molybdenum complex. <i>New Journal of Chemistry</i> , 2016, 40, 8905-8910.	2.8	1
22	Photoinduced electron transfer from the oxo- $\mu$ -MoIVselenolato complex to oxygen. <i>New Journal of Chemistry</i> , 2016, 40, 626-633.	2.8	1