

Gunjan Rajput

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Recent advances in metal-organic frameworks as adsorbent materials for hazardous dye molecules. Dalton Transactions, 2021, 50, 3083-3108.	3.3	88
2	Effect of Substituents on the Crystal Structures, Optical Properties, and Catalytic Activity of Homoleptic Zn(II) and Cd(II) \hat{I}^2 -oxodithioester Complexes. Inorganic Chemistry, 2020, 59, 11417-11431.	4.0	17
3	Structural and vibrational characteristics and vibronic coupling of tetramethyltetraselenafulvalene. Journal of Molecular Structure, 2019, 1175, 1-12.	3.6	2
4	Spontaneous Resolution upon Crystallization and Preferential Induction of Chirality in a Discrete Tetrahedral Zinc(II) Complex Comprised of Achiral Precursors. Inorganic Chemistry, 2019, 58, 14449-14456.	4.0	15
5	Cooperative metal-ligand influence on the formation of coordination polymers, and conducting and photophysical properties of Tl(I) \hat{I}^2 -oxodithioester complexes. Dalton Transactions, 2018, 47, 16264-16278.	3.3	14
6	New planar <i>trans</i> -copper(II) \hat{I}^2 -dithioester chelate complexes: synthesis, characterization, anticancer activity and DNA-binding/cleavage studies. Journal of Coordination Chemistry, 2017, 70, 565-583.	2.2	12
7	Synthesis, characterization, DNA binding and cleavage activity of homoleptic zinc(II) \hat{I}^2 -oxodithioester chelate complexes. Journal of Coordination Chemistry, 2017, 70, 3171-3185.	2.2	5
8	Potential Impact of Substituents on the Crystal Structures and Properties of Tl(I) Ferrocenyl/Picolyl-Functionalized Dithiocarbamates; Tl- \hat{H} -Anagostic Interactions. ChemistrySelect, 2016, 1, 5733-5742.	1.5	8
9	Anti-leishmanial activity of Ni(\hat{I}^2), Pd(\hat{I}^2) and Pt(\hat{I}^2) \hat{I}^2 -oxodithioester complexes. New Journal of Chemistry, 2015, 39, 6358-6366.	2.8	11
10	Impact of Ligand Framework on the Crystal Structures and Luminescent Properties of Cu(I) and Ag(I) Clusters and a Coordination Polymer Derived from Thiolate/Iodide/dppm Ligands. Inorganic Chemistry, 2015, 54, 2572-2579.	4.0	48
11	Rare intermolecular \hat{H} -C anagostic interactions in homoleptic Ni(\hat{I}^2)-Pd(\hat{I}^2) dithiocarbamate complexes. New Journal of Chemistry, 2015, 39, 5493-5499.	2.8	39
12	Influence of the ligand frameworks on the coordination environment and properties of new phenylmercury(\hat{I}^2) \hat{I}^2 -oxodithioester complexes. Dalton Transactions, 2015, 44, 5909-5916.	3.3	18
13	Investigation of crystal structure, vibrational characteristics and molecular conductivity of 2,3-dichloro-5,6-dicyno-p-benzoquinone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 1334-1347.	3.9	5
14	Versatile coordination environment and interplay of metal assisted secondary interactions in the organization of supramolecular motifs in new Hg(II)/PhHg(II) dithiolates. Polyhedron, 2014, 69, 225-233.	2.2	19
15	Exploring the coordinative behaviour and molecular architecture of new PhHg(II)/Hg(II) dithiocarbamate complexes. Inorganica Chimica Acta, 2014, 421, 210-217.	2.4	22
16	Unusual \hat{H} -Ni anagostic interactions in new homoleptic Ni(ii) dithio complexes. CrystEngComm, 2013, 15, 4676.	2.6	46
17	Cooperative Metal-Ligand-Induced Properties of Heteroleptic Copper(I) Xanthate/Dithiocarbamate PPH ₃ Complexes. European Journal of Inorganic Chemistry, 2012, 2012, 3885-3891.	2.0	43
18	The interplay of secondary Hg-S, Hg-N and Hg- \hat{I} bonding interactions in supramolecular structures of phenylmercury(ii) dithiocarbamates. CrystEngComm, 2011, 13, 6817.	2.6	48