

Mohammad Khairul Islam

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pseudotetrahedral Zn(II)-(R or S)-dihalogen-salicylaldiminato complexes with $\hat{\lambda}$ - or $\hat{\mu}$ -chirality induction at-metal. Dalton Transactions, 2022, , .	3.3	4
2	Characterization of Diastereomeric Equilibria of Pseudotetrahedral Bis[(<i>R</i> or <i>S</i>)-Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (<i>S</i> or <i>R</i>)-Induction. ChemistryOpen, 2022, 11, .	1.9	1
3	Heteroleptic enantiopure Pd(<i>S</i> or <i>R</i>)-complexes derived from halogen-substituted Schiff bases and 2-picolylamine: synthesis, experimental and computational characterization and investigation of the influence of chirality and halogen atoms on the anticancer activity. New Journal of Chemistry, 2021, 45, 9163-9180.	2.8	9
4	Pseudotetrahedral high-spin manganese(II)-complexes with (<i>S</i> or <i>R</i>)-N-1-(Ar)ethyl-salicylaldimine: Chiroptical property, chirality induction at-metal, paramagnetism, redox-potential, PXRD structures and DFT/TDDFT. Journal of Molecular Structure, 2021, 1239, 130455.	3.6	5
5	Synthesis and Characterization of Bis[(<i>R</i> or <i>S</i>)-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 592 Td (<i>S</i> or <i>R</i>)-1-(X-C ₃ H ₅ O ₂)- <i>N</i> -1-(X-C ₃ H ₅ O ₂) Schiff base ligands derived from 1,2-bis(2-nitro-/amino-phenoxy)-3-R-benzene and 2-hydroxy-1-naphthaldehyde and their Cu/Zn(<i>S</i> or <i>R</i>)-complexes: synthesis, characterization, X-ray structures and computational studies. CrystEngComm, 2021, 23, 6322-6339.	4.0	10
6	Schiff base ligands derived from 1,2-bis(2-nitro-/amino-phenoxy)-3-R-benzene and 2-hydroxy-1-naphthaldehyde and their Cu/Zn(<i>S</i> or <i>R</i>)-complexes: synthesis, characterization, X-ray structures and computational studies. CrystEngComm, 2021, 23, 6322-6339.	2.6	3
7	Pseudotetrahedral copper(<i>S</i> or <i>R</i>)-complexes with enantiopure (<i>R</i> or <i>S</i>)-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td 9236-9249.	3.3	10
8	Experimental and theoretical studies on isatin-Schiff bases and their copper(II)-complexes: Syntheses, spectroscopy, tautomerism, redox potentials, EPR, PXRD and DFT/TDDFT. Journal of Molecular Structure, 2020, 1201, 127207.	3.6	14
9	Diastereoselection and induced chirality at-metal in distorted-tetrahedral bis[(<i>R</i> or <i>S</i>)-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td Coordination Chemistry, 2020, 73, 1745-1764.	2.2	1
10	Syntheses, spectroscopy, electrochemistry, EPR, PXRD-structure and DFT/TD-DFT of bis[2-oxo-1-naphthaldehydato- $\hat{\rho}$ O,O']copper(II). Journal of Molecular Structure, 2019, 1175, 56-64.	3.6	12
11	Spontaneous resolution of a $\hat{\lambda}$ -chiral-at-metal pseudo-tetrahedral Schiff-base zinc complex to a racemic conglomerate with C ₂ H ₅ O organized 4 ₁ - and 4 ₃ -helices. CrystEngComm, 2018, 20, 4724-4734.	2.6	19
12	Switching from 4+1 to 4+2 zinc coordination number through the methyl group position on the pyridyl ligand in the geometric isomers bis[N-2-(4/6-methyl-pyridyl)salicylaldiminato- $\hat{\rho}$ 2N,O]zinc(II). Inorganica Chimica Acta, 2015, 427, 103-111.	2.4	29
13	Syntheses, spectroscopy, X-ray and DFT/TDDFT investigations of Rh($\hat{\lambda}$ -cod)-enantiopure aminocarboxylate complexes. Journal of Molecular Structure, 2015, 1099, 154-162.	3.6	9
14	Syntheses, spectroscopy, optical properties, and diastereoselectivity of copper(II)-complexes with chiral aminoalcohol based Schiff bases. Journal of Coordination Chemistry, 2013, 66, 4107-4118.	2.2	18