

Kalipada Bankura

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

358
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial activity of Ag–Au alloy NPs and chemical sensor property of Au NPs synthesized by dextran. <i>Carbohydrate Polymers</i> , 2014, 107, 151-157.	10.2	57
2	Syntheses, X-ray crystal structures of two new Zn(II)-dicyanamide complexes derived from H ₂ vanen-type compartmental ligands: Investigation of thermal, photoluminescence, in vitro cytotoxic effect and DFT-TDDFT studies. <i>Inorganica Chimica Acta</i> , 2019, 492, 221-234.	2.4	45
3	Syntheses, characterizations, crystal structures, DFT/TDDFT, luminescence behaviors and cytotoxic effect of bicompartamental Zn (II)-dicyanamide Schiff base coordination polymers: An approach to apoptosis, autophagy and necrosis type classical cell death. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5269.	3.5	40
4	Dicyanamide-intertwined assembly of two new Zn complexes based on N ₂ O ₄ -type pro-ligand: Synthesis, crystal networks, spectroscopic insights, and selective nitroaromatic turn-off fluorescence sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 254, 119612.	3.9	39
5	A rare hetero-bimetallic Zn(II)/Ca(II) Schiff base complex: Synthesis, crystal structure, DFT, molecular docking and unveiling antimicrobial activity. <i>Journal of Molecular Structure</i> , 2020, 1222, 128951.	3.6	34
6	Dextrin-mediated synthesis of Ag NPs for colorimetric assays of Cu ²⁺ ion and Au NPs for catalytic activity. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 309-316.	7.5	31
7	Structurally diverse heterobimetallic Pb(II)-Salen complexes mechanistic notion of cytotoxic activity against neuroblastoma cancer cell: Synthesis, characterization, protein–ligand interaction profiler, and intuitions from DFT. <i>Polyhedron</i> , 2021, 210, 115504.	2.2	26
8	Synthesis, spectroscopic findings and crystal engineering of Pb(II)-Salen coordination polymers, and supramolecular architectures engineered by π -hole/spodium/tetrel bonds: a combined experimental and theoretical investigation. <i>RSC Advances</i> , 2022, 12, 6352-6363.	3.6	25
9	Architectural View of Flexible Aliphatic –OH Group Coordinated Hemi-Directed Pb(II)-Salen Coordination Polymer: Synthesis, Crystal Structure, Spectroscopic Insights, Supramolecular Topographies, and DFT Perspective. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 1159-1176.	3.7	18
10	Heterometallic Zn(II)-K(I) complex with salen-type Schiff-base ligand: Synthesis, crystal structure, solid-state photoluminescent property and theoretical study. <i>Journal of Molecular Structure</i> , 2019, 1185, 112-120.	3.6	17
11	Nitrato, Pseudohalide-Linked Zn(II)/Cd(II) Schiff-Base Complexes with 1,3-Diimine Spacer Group: Syntheses, Crystal Structures, DFT, TDDFT and Fluorescence Studies. <i>ChemistrySelect</i> , 2018, 3, 12371-12382.	1.5	14
12	Cd(II) Pseudohalide Complexes with N,N'-Bis(3-ethoxysalicylideneimino) 1,3-diaminopropane: Crystal Structures, Hirshfeld Surface, Antibacterial and Anti-Biofilm Properties. <i>ChemistrySelect</i> , 2018, 3, 2912-2925.	1.5	12