

Ritwik Modak

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

541
citations

623734

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642732

23
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25
all docs

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docs citations

25
times ranked

829
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | <i>De novo</i> approach for the synthesis of water-soluble interlocked and non-interlocked organic cages. <i>Chemical Communications</i> , 2021, 57, 3995-3998. | 4.1 | 12 |
| 2 | Slow Magnetic Relaxation in a Co ₂ Dy Trimer and a Co ₂ Dy ₂ Tetramer. <i>Chemistry - an Asian Journal</i> , 2021, 16, 666-677. | 3.3 | 8 |
| 3 | Self-Assembly of Octanuclear Pt ^{II} /Pd ^{II} Coordination Barrels and Uncommon Structural Isomerization of a Photochromic Guest in Molecular Space. <i>Jacs Au</i> , 2021, 1, 2242-2248. | 7.9 | 19 |
| 4 | Slow magnetic relaxation and water oxidation activity of dinuclear Co ^{II} Co ^{III} and unique triangular Co ^{II} Co ^{II} Co ^{III} mixed-valence complexes. <i>Dalton Transactions</i> , 2020, 49, 6328-6340. | 3.3 | 15 |
| 5 | Self-assembly of a cationic-cage via the formation of Ag ²⁺ carbene bonds followed by imine condensation. <i>Chemical Communications</i> , 2019, 55, 6711-6714. | 4.1 | 21 |
| 6 | Diazine based ligand supported Co ^{II} and Co ^{III} coordination complexes: role of anions. <i>New Journal of Chemistry</i> , 2018, 42, 17587-17596. | 2.8 | 7 |
| 7 | A highly selective ON-OFF probe for colorimetric and fluorometric sensing of Cu ²⁺ in water. <i>RSC Advances</i> , 2017, 7, 11312-11321. | 3.6 | 23 |
| 8 | A Pyrene-Pyrazole Based Rotamer Senses Hg ²⁺ on the Nanomolar Scale. <i>ChemistrySelect</i> , 2017, 2, 2512-2519. | 1.5 | 12 |
| 9 | A Schiff base platform: structures, sensing of Zn(II) and PPI in aqueous medium and anticancer activity. <i>Dalton Transactions</i> , 2017, 46, 9498-9510. | 3.3 | 56 |
| 10 | Fluorescent sensing of Al ³⁺ by benzophenone based Schiff base chemosensor and live cell imaging applications: Impact of keto-enol tautomerism. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 1194-1204. | 7.8 | 48 |
| 11 | Co ^{II} ₄ , Co ^{II} ₇ , and a Series of Co ^{II} ₂ Ln ^{III} (Ln ^{III} = Nd ^{III} , Sm ^{III} , Tj) Molecular Magnets. <i>Inorganic Chemistry</i> , 2016, 55, 10192-10202. | 4.0 | 35 |
| 12 | Syntheses and non-covalent interactions of naphthalene-bearing Schiff base complexes of Zn(II), Co(III), Cu(II) and V(IV): Selective detection of Zn(II). <i>Polyhedron</i> , 2016, 117, 834-846. | 2.2 | 10 |
| 13 | Family of Mn ^{III} Ln ^{III} (Ln ^{III} = Sm ^{III} , Gd ^{III} , Dy ^{III}) coordination clusters: Experimental and theoretical investigations. <i>Polyhedron</i> , 2016, 119, 202-215. | 2.2 | 8 |
| 14 | A simple Schiff base molecular logic gate for detection of Zn ²⁺ in water and its bio-imaging application in plant system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 321, 99-109. | 3.9 | 42 |
| 15 | Heterometallic Cu ^{II} Dy ^{III} Clusters of Different Nuclearities with Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2016, 55, 691-699. | 4.0 | 37 |
| 16 | Syntheses, crystal structures, spectral study and DFT calculation of three new copper(II) complexes derived from pyridoxal hydrochloride, N,N-dimethylethylenediamine and N,N-diethylethylenediamine. <i>Journal of Molecular Structure</i> , 2015, 1088, 38-49. | 3.6 | 14 |
| 17 | Doubly chloro bridged dimeric copper(II) complex: magneto-structural correlation and anticancer activity. <i>Dalton Transactions</i> , 2015, 44, 8876-8888. | 3.3 | 45 |
| 18 | Homo and heterometallic rhomb-like Ni ₄ and Mn ₂ Ni ₂ complexes. <i>Polyhedron</i> , 2014, 70, 155-163. | 2.2 | 12 |

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|----|--|-----|-----------|
| 19 | Syntheses, crystal structures, spectral studies, and DFT calculations of two new square planar Ni(II) complexes derived from pyridoxal-based Schiff base ligands. <i>Journal of Coordination Chemistry</i> , 2014, 67, 699-713. | 2.2 | 26 |
| 20 | Syntheses, crystallographic characterization, catecholase activity and magnetic properties of three novel aqua bridged dinuclear nickel(II) complexes. <i>Inorganica Chimica Acta</i> , 2014, 416, 122-134. | 2.4 | 18 |
| 21 | Syntheses, crystal structures and spectroscopic characterization of two new octahedral nickel(II) complexes of a Schiff base ligand derived from pyridoxal and 2-(pyrid-2-yl)ethylamine. <i>Journal of Molecular Structure</i> , 2014, 1074, 271-278. | 3.6 | 10 |
| 22 | Syntheses, crystal structures and catecholase activity of new dinuclear and cyclic trinuclear mixed valence cobalt (II, III) complexes. <i>Inorganic Chemistry Communication</i> , 2013, 37, 193-196. | 3.9 | 38 |
| 23 | Synthesis and characterization of a copper(II) complex of a ONN donor Schiff base ligand derived from pyridoxal and 2-(pyrid-2-yl)ethylamine – A novel pyridoxal based fluorescent probe. <i>Journal of Molecular Structure</i> , 2013, 1037, 352-360. | 3.6 | 23 |
| 24 | Bis{2-[(5-hydroxypentyl)iminomethyl]phenolato- η^2 N,O1}copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m412-m413. | 0.2 | 1 |
| 25 | Search for Structurally Resembled Mn/Ca Cubane Core of the Oxygen Evolving Complex of Photosystem II Yielded MnIV, MnIII3MnII and MnIII2CaII2 Entities: Structure and Magnetism. <i>European Journal of Inorganic Chemistry</i> , 0, , . | 2.0 | 1 |