

Sudipta Pathak

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

149
citations

1307594

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1372567

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g-index

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docs citations

10
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Syntheses, crystal structures and supramolecular assemblies of two Cu(II) complexes based on a new heterocyclic ligand: insights into C=H...Cl and I...I interactions. <i>CrystEngComm</i> , 2022, 24, 1598-1611.	2.6	17
2	Exploration of supramolecular and theoretical aspects of two new Cu(II) complexes: On the importance of lone pair...I(chelate ring) and I...I(chelate ring) interactions. <i>Journal of Molecular Structure</i> , 2022, 1265, 133358.	3.6	5
3	An experimental and theoretical exploration of supramolecular interactions and photoresponse properties of two Ni(II) complexes. <i>New Journal of Chemistry</i> , 2021, 45, 12108-12119.	2.8	8
4	Investigation of electrical conductance properties, non-covalent interactions and TDDFT calculation of a newly synthesized copper(II) metal complex. <i>Journal of Molecular Structure</i> , 2020, 1206, 127663.	3.6	5
5	Chromogenic and fluorogenic "off-on" chemosensor for selective and sensitive detection of aluminum (Al ³⁺) and bifluoride (HF ₂ ⁻) ions in solution and in living Hep G2 cells: synthesis, experimental and theoretical studies. <i>New Journal of Chemistry</i> , 2020, 44, 13259-13265.	2.8	26
6	A "turn-on" fluorescent and colorimetric chemodosimeter for selective detection of Au ³⁺ ions in solution and in live cells via Au ³⁺ -induced hydrolysis of a rhodamine-derived Schiff base. <i>New Journal of Chemistry</i> , 2020, 44, 7954-7961.	2.8	25
7	A colorimetric and "off-on" fluorescent Pd ²⁺ chemosensor based on a rhodamine-ampyrone conjugate: synthesis, experimental and theoretical studies along with <i>in vitro</i> applications. <i>New Journal of Chemistry</i> , 2019, 43, 3513-3519.	2.8	16
8	Structures, Photoresponse Properties, and Biological Activity of Dicyano-Substituted 4-Aryl-2-pyridone Derivatives. <i>ACS Omega</i> , 2019, 4, 7200-7212.	3.5	16
9	Synthesis and crystal structure of new copper(II) metal complex: Noncovalent interactions and electrical conductance properties. <i>Journal of Molecular Structure</i> , 2018, 1152, 96-100.	3.6	2
10	Terpyridine derivatives as "turn-on" fluorescence chemosensors for the selective and sensitive detection of Zn ²⁺ ions in solution and in live cells. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1068-1074.	2.9	29