

# Sudipta Pathak

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

149  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Terpyridine derivatives as fluorescent chemosensors for the selective and sensitive detection of Zn <sup>2+</sup> ions in solution and in live cells. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1068-1074.	2.9	29
2	Chromogenic and fluorogenic chemosensor for selective and sensitive detection of aluminum (Al <sup>3+</sup> ) and bifluoride (HF <sub>2</sub> <sup>-</sup> ) 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
3	A fluorescent and colorimetric chemodosimeter for selective detection of Au <sup>3+</sup> ions in solution and in live cells via Au <sup>3+</sup> -induced hydrolysis of a rhodamine-derived Schiff base. <i>New Journal of Chemistry</i> , 2020, 44, 7954-7961.	2.8	25
4	Syntheses, crystal structures and supramolecular assemblies of two Cu(II) complexes based on a new heterocyclic ligand: insights into C-H...Cl and F...F interactions. <i>CrystEngComm</i> , 2022, 24, 1598-1611.	2.6	17
5	A colorimetric and fluorescent Pd <sup>2+</sup> chemosensor based on a rhodamine-ampyrone conjugate: synthesis, experimental and theoretical studies along with in vitro applications. <i>New Journal of Chemistry</i> , 2019, 43, 3513-3519.	2.8	16
6	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
7	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
8	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
9	Exploration of supramolecular and theoretical aspects of two new Cu(II) complexes: On the importance of lone pair... (chelate ring) and ... (chelate ring) interactions. <i>Journal of Molecular Structure</i> , 2022, 1265, 133358.	3.6	5
10	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