

Soumya Ranjan Dash

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

174
citations

1684188
5
h-index

1125743
13
g-index

17
all docs

17
docs citations

17
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Devising Chemically Robust and Cationic Ni(II)-MOF with Nitrogen-Rich Micropores for Moisture-Tolerant CO ₂ Capture: Highly Regenerative and Ultrafast Colorimetric Sensor for TNP and Multiple Oxoanions in Water with Theoretical Revelation. ACS Applied Materials & Interfaces, 2019, 11, 40134-40150.	8.0	97
2	Dual-catalyst engineered porous organic framework for visible-light triggered, metal-free and aerobic sp ³ C-H activation in highly synergistic and recyclable fashion. Journal of Catalysis, 2021, 394, 40-49.	6.2	16
3	Enantioselective Cu(I)-catalyzed borylative cyclization of enone-tethered cyclohexadienones and mechanistic insights. Nature Communications, 2022, 13, 854.	12.8	12
4	Organoruthenium (II) complexes featuring pyrazole-linked thiosemicarbazone ligands: Synthesis, DNA/BSA interactions, molecular docking, and cytotoxicity studies. Applied Organometallic Chemistry, 2021, 35, e6343.	3.5	8
5	Prominence of Cu in a plasmonic Cu-Ag alloy decorated SiO ₂ @S-doped C ₃ N ₄ core-shell nanostructured photocatalyst towards enhanced visible light activity. Nanoscale Advances, 0, , .	4.6	8
6	Predicting the Redox Potentials of Phenazine Derivatives Using DFT-Assisted Machine Learning. ACS Omega, 2022, 7, 11742-11755.	3.5	7
7	Evaluation of biomolecular interactions and cytotoxic activity of organometallic binuclear Ru(II) complexes of ferrocenyl thiosemicarbazones. Journal of Biomolecular Structure and Dynamics, 2021, 39, 6044-6055.	3.5	4
8	A Tale of Biphenyl and Terphenyl Substituents for Structurally Diverse Ketiminato Magnesium, Calcium and Germanium Complexes. Chemistry - an Asian Journal, 2020, 15, 820-827.	3.3	4
9	Phosphite mediated asymmetric N to C migration for the synthesis of chiral heterocycles from primary amines. Chemical Science, 2021, 12, 8996-9003.	7.4	4
10	A Multifunctional Biomimicking Oxidovanadium(V) Complex: Synthesis, DFT Calculations, Bromo-peroxidation and DNA Nuclease Activities. ChemistrySelect, 2018, 3, 7429-7438.	1.5	3
11	[1,3]-Claisen Rearrangement via Removable Functional Group Mediated Radical Stabilization. Organic Letters, 2021, 23, 890-895.	4.6	3
12	Five concomitant polymorphs of a green fluorescent protein chromophore (GFPc) analogue: understanding variations in photoluminescence with I π -stacking interactions. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 850-864.	1.1	3
13	Polymorphs of Green Fluorescence Protein Chromophore Analogue: Fluorescence Switching with Thermal Stimuli. Crystal Growth and Design, 2022, 22, 1892-1905.	3.0	2
14	Design, synthesis and in vitro bioactivity of mixed ligand Ru(II) complexes bearing the fluoroquinolone antibacterial agents. Transition Metal Chemistry, 2019, 44, 721-735.	1.4	1
15	Insights Into Chemical Reactions at the Beginning of the Universe: From HeH ⁺ to H ₃ ⁺ . Frontiers in Chemistry, 2021, 9, 679750.	3.6	1
16	Glycerol-Triazole Conjugated Rhodamine as Colorimetric and Fluorimetric Sensor for Cu ²⁺ . ChemistrySelect, 2021, 6, 9288-9292.	1.5	1
17	Imidazole/4,4'-azopyridine bridging binuclear Ru(II) complexes: design, synthesis, bimolecular interactions and cytotoxicity against HeLa cell line. Journal of the Iranian Chemical Society, 2021, 18, 3313.	2.2	0