

Jayanthi Narayanan

List of Publications by Year in descending order

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13
papers

152
citations

1307594

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1199594

12
g-index

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all docs

13
docs citations

13
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous recognition of cysteine and cytosine using thiophene-based organic nanoparticles decorated with Au NPs and bio-imaging of cells. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1761-1772.	2.9	32
2	New dinuclear cobalt(II) octaaza macrocyclic complexes with high oxidation redox potentials: Their crystal structure and unusual magnetic properties. <i>Inorganica Chimica Acta</i> , 2008, 361, 2747-2758.	2.4	24
3	Synthesis and Nano-Sized Characterization of Bioactive Oregano Essential Oil Molecule-Loaded Small Unilamellar Nanoliposomes with Antifungal Potentialities. <i>Molecules</i> , 2021, 26, 2880.	3.8	19
4	Sunlight powered degradation of pentoxifylline Cs _{0.5} Li _{0.5} FeO ₂ as a green reusable photocatalyst: Mechanism, kinetics and toxicity studies. <i>Journal of Hazardous Materials</i> , 2021, 416, 125762.	12.4	18
5	1,4,8,11-tetrakis(2-pyridylmethyl)-1,4,8,11-tetraazacyclotetradecane. <i>Journal of Chemical Crystallography</i> , 2001, 31, 129-133.	1.1	16
6	FONs of highly preorganized N,N'-bis(3-aminobenzyl)-5,8-diiminequinoline with aggregation induced emission enhancement and metal-chelation for selective Cd ²⁺ detection. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 367, 1-12.	3.9	12
7	Synthesis, molecular structure and spectral analysis: DFT/TDDFT computational study of ruthenium complex of tetradentate N,N'-bis(benzimidazole-2-yl-ethyl)-ethylenediamine. <i>Journal of Molecular Structure</i> , 2011, 989, 70-79.	3.6	11
8	Mononuclear and Tetranuclear Copper(II) Complexes Bearing Amino Acid Schiff Base Ligands: Structural Characterization and Catalytic Applications. <i>Molecules</i> , 2021, 26, 7301.	3.8	7
9	Synthesis, Spectral and Crystal Structure of Chromium (III) Complex with 1,4,8,11-tetrakis-(2-Methylpyridyl)-1,4,8,11-Tetraazacyclotetradecane. <i>Journal of Chemical Crystallography</i> , 2011, 41, 236-240.	1.1	4
10	Hydrogen bond assisted interaction of glutamine with chromium (III) complex of 8-hydroxyquinoline: Experimental and theoretical studies. <i>Journal of Molecular Structure</i> , 2018, 1155, 831-842.	3.6	4
11	Enhanced photocatalytic degradation of 2-thiobenzimidazole by the tris(8-quinolinolato)cobalt(III) complex through peroxide adduct formation: theoretical and experimental investigations. <i>New Journal of Chemistry</i> , 2020, 44, 4786-4797.	2.8	3
12	Glutamine chelation governs the selective inhibition of <i>Staphylococcus aureus</i> and <i>Salmonella typhi</i> growth by cis-dichloro-bis(8-quinolinolato)zirconium(IV): Theory and experiment. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 151, 105427.	4.0	2
13	Phenol oxidation through its adduct formation with chromium complex of 1,4,8,11-tetrakis(2-pyridylmethyl)-1,4,8,11-tetraazacyclotetradecane: A theoretical study. <i>Journal of Molecular Structure</i> , 2017, 1133, 111-121.	3.6	0