

Ashok Kumar Singh

List of Publications by Year in descending order

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19
papers

243
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and calculated non-linear optical properties of two new chalcones. <i>Journal of Molecular Structure</i> , 2012, 1017, 26-31.	3.6	38
2	Synthesis, molecular structure, spectral analysis, natural bond order and intramolecular interactions of 2-acetylpyridine thiosemicarbazone: A combined DFT and AIM approach. <i>Journal of Molecular Structure</i> , 2015, 1094, 61-72.	3.6	29
3	Synthesis, characterization and biological activities of some Ru(II) complexes with substituted chalcones and their applications as chemotherapeutics against breast cancer. <i>Journal of Molecular Structure</i> , 2016, 1111, 90-99.	3.6	29
4	Synthesis, molecular structure, spectral analysis and cytotoxic activity of two new aroylhydrazones. <i>Journal of Molecular Structure</i> , 2017, 1135, 82-97.	3.6	22
5	DFT calculations on molecular structure, spectral analysis, multiple interactions, reactivity, NLO property and molecular docking study of flavanol-2,4-dinitrophenylhydrazone. <i>Journal of Molecular Structure</i> , 2017, 1129, 128-141.	3.6	22
6	Photocatalytic performances of two new Cd(II) and Zn(II)-based coordination polymers. <i>Journal of Molecular Structure</i> , 2019, 1182, 79-86.	3.6	18
7	Synthesis, crystal structure, spectroscopic analysis and computational study of (Z)-1-(2,4-dinitrophenyl)-2-((E)-3-(4-methoxyphenyl)-1-(thiophen-2-yl) allylidene) hydrazine by DFT and AIM approach. <i>Journal of Molecular Structure</i> , 2015, 1089, 191-205.	3.6	17
8	Synthesis, characterization and biological evaluation of ruthenium flavanol complexes against breast cancer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 180, 97-104.	3.9	17
9	Four new luminescent-organic frameworks exhibiting highly sensing of nitroaromatics: An experimental and computational insight. <i>Inorganica Chimica Acta</i> , 2019, 487, 257-263.	2.4	15
10	Experimental, DFT and molecular docking studies on 2-(2-mercaptophenylimino)-4-methyl-2H-chromen-7-ol. <i>Journal of Molecular Structure</i> , 2016, 1122, 318-323.	3.6	14
11	A new 3D Gd-based metal-organic framework with paddle-wheel unit: Structure and photocatalytic property. <i>Inorganic Chemistry Communication</i> , 2018, 95, 104-106.	3.9	8
12	Studies on molecular structure, spectral analysis, chemical reactivity and first hyperpolarizability of a newly synthesized 1,9-bis[(4-isonicotinoyl)-hydrazonomethyl]-5-phenyl-dipyrromethane using experimental and theoretical approaches. <i>Journal of Molecular Structure</i> , 2013, 1052, 67-75.	3.6	6
13	Synthesis, structure and photocatalysis of a new 3D Dy(III)-based metal-organic framework with carboxylate functionalized triazole derivative ligand. <i>Journal of Molecular Structure</i> , 2021, 1238, 130388.	3.6	6
14	Design, Synthesis, Characterization and Biological Evaluation of Ruthenium Complexes of Flavonethiosemicarbazones as Antiproliferative and Mycobacterial Activities. <i>ChemistrySelect</i> , 2018, 3, 12682-12689.	1.5	1
15	Synthesis, Characterization and Antimicrobial Evaluation of Ru(II) and Co(III) Complexes of Phenylene-1,2-bis(iminoflavone) Derivatives. <i>Journal of Biological and Chemical Chronicles</i> , 2019, 5, 61-70.	0.3	1
16	Synthesis, Characterization and Antimicrobial Evaluation of Cobalt(III) Complexes of 4-(2-Substituted) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.3	0
17	Design, Synthesis, Characterization and Antiproliferative Activities of Ru(II) Complexes of Substituted Benzimidazoles. <i>Asian Journal of Chemistry</i> , 2019, 31, 2311-2318.	0.3	0
18	Synthesis, Characterization and Antimycobacterial Activity of Phenanthrenequinone Thiosemicarbazones and their Ruthenium and Zinc Complexes. <i>Asian Journal of Chemistry</i> , 2021, 33, 983-988.	0.3	0

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19	Synthesis, Characterization and Cytotoxicity Evaluation on Monocytic Cell Line THP1 of Ru(II) Complexes with 1, 2-Disubstituted Benzimidazoles. Journal of Biological and Chemical Chronicles, 2019, 5, 130-139.	0.3	0