Radhakrishnan Nandini Asha

List of Publications by Year
in descending order

18	207	1163117 8	1058476 14
papers	citations	h-index	g-index

18	18	18	74
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isolation and biological evaluation 7-hydroxy flavone fromAvicennia officinalisL: insights from extensiveinÂvitro, DFT, molecular docking and molecular dynamics simulation studies. Journal of Biomolecular Structure and Dynamics, 2023, 41, 2848-2860.	3.5	5
2	Biologically active oxovanadium(IV) Schiff base metal complex: antibacterial, antioxidant, biomolecular interaction and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2023, 41, 599-610.	3.5	10
3	Water soluble Cu(II) and Zn(II) complexes of bidentate-morpholine based ligand: synthesis, spectral, DFT calculation, biological activities and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 1074-1083.	3.5	19
4	Synthesis, characterization, DNA interaction, BSA/HSA binding activities of VO(IV), Cu(II) and Zn(II) Schiff base complexes and its molecular docking with biomolecules. Journal of Molecular Liquids, 2022, 345, 117045.	4.9	61
5	Bio-inspired nickel nanoparticles of pyrimidine-Schiff base: In vitro anticancer, BSA and DNA interactions, molecular docking and antioxidant studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 10715-10729.	3.5	16
6	Synthesis, structural, spectral, antidiabetic, DNA interactions and molecular docking investigations of a piperidine derivative. Journal of Molecular Structure, 2022, 1250, 131692.	3.6	14
7	2,4-bis(bromomethyl)-1,3,5-trimethylbenzene with 2-mercaptopyridine based derivative: Synthesis, crystal structure, in vitro anticancer activity, DFT, Hirshfeld surface analysis, antioxidant, DNA binding and molecular docking studies. Journal of Molecular Structure, 2022, 1251, 131981.	3.6	2
8	Synthesis, Characterization and Biological Activity of (Phenylthio)Acetic Acid:Theophylline Cocrystal. Journal of Chemical Crystallography, 2021, 51, 225-234.	1.1	6
9	Synthesis, characterization, DFT calculation, biological and molecular docking of Cu(II) complex of pyrimidine derived Schiff base ligand. Journal of Saudi Chemical Society, 2021, 25, 101225.	5.2	16
10	Synthesis, structure, Hirshfeld surface, DFT, and molecular docking studies of a new organic cocrystal: creatinine:2,3â€pyridinedicarboxylic acid. Journal of Physical Organic Chemistry, 2021, 34, e4247.	1.9	2
11	Growth, structural, Hirshfeld surface analysis, DFT validation on the crystal structure of 1, 10-Phenanthrolin-1-ium-5,6-dione perchlorate monohydrate. Chemical Data Collections, 2021, 33, 100706.	2.3	1
12	Synthesis, molecular docking, and in silico ADMET studies of 4-benzyl-1-(2,4,6-trimethyl-benzyl)-piperidine: Potential Inhibitor of SARS-CoV2. Bioorganic Chemistry, 2021, 112, 104967.	4.1	16
13	Investigation on experimental and theoretical studies of NLO active organic single crystal:Â3-methyl-1-[(2,3,5,6-tetramethylphenyl)methyl]piperidin-1-ium bromide. Optik, 2021, 245, 167652.	2.9	2
14	Experimental and theoretical studies of 1,3,5â€tris (bromomethyl)â€2,4,6â€trimethylbenzene with 2â€pyridone. Journal of Physical Organic Chemistry, 2021, 34, e4188.	1.9	1
15	Cocrystallization of 2,4-Diamino-6-phenyl-1,3,5-triazine with Î²-(phenylthio)propionic acid: Crystal structure, Hirshfeld surface, DFT studies and molecular docking. Chemical Data Collections, 2020, 29, 100520.	2.3	1
16	Novel Cu(II) and Ni(II) complexes of nicotinamide based Mannich base: Synthesis, characterization, DFT calculation, DNA binding, molecular docking, antioxidant, antimicrobial activities. Journal of Molecular Liquids, 2020, 320, 114423.	4.9	27
17	Experimental and theoretical studies of 2-Mercaptobenzothiazole with 2-Bromomethylmesitylene and 1,4-Bis(bromomethyl)durene. Journal of Molecular Structure, 2020, 1222, 128894.	3.6	7
18	Synthesis, crystal structure, computational, and molecular docking studies of bis {1,1'-[1,3,5-Trimethyl-1,3-phenylenebis(methylene)]di-1H-piperidinium}tetrabromide tri hydrate. Molecular Crystals and Liquid Crystals, 0, , 1-18.	0.9	1