

# Mahesha

## List of Publications by Year in descending order

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15  
papers

144  
citations

1307594

7  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\hat{\Gamma}$ /4-phenoxide bridged mixed ligand Cu(II) complex: Synthesis, 3D supramolecular architecture, DFT, energy frameworks and antimicrobial studies. <i>Polyhedron</i> , 2020, 185, 114571.	2.2	28
2	Structural elucidation, theoretical insights and thermal properties of three novel multicomponent molecular forms of gallic acid with hydroxypyridines. <i>Journal of Molecular Structure</i> , 2020, 1207, 127828.	3.6	18
3	Solvent induced mononuclear and dinuclear mixed ligand Cu( $\langle$ scp>ii</scp>) complex: structural diversity, supramolecular packing polymorphism and molecular docking studies. <i>New Journal of Chemistry</i> , 2020, 44, 18048-18068.	2.8	17
4	Fluorine substituted thiomethyl pyrimidine derivatives as efficient inhibitors for mild steel corrosion in hydrochloric acid solution: Thermodynamic, electrochemical and DFT studies. <i>Journal of Molecular Liquids</i> , 2020, 311, 113311.	4.9	14
5	Post-synthetic modification of supramolecular assemblies of $\hat{\Gamma}^2$ -diketonato Cu( $\langle$ scp>ii</scp>) complexes: comparing and contrasting the molecular topology by crystal structure and quantum computational studies. <i>CrystEngComm</i> , 2021, 23, 4344-4369.	2.6	14
6	Protection of mild steel corrosion by three new quinazoline derivatives: experimental and DFT studies. <i>Surfaces and Interfaces</i> , 2020, 18, 100446.	3.0	12
7	Analysis of supramolecular self-assembly of two chromene derivatives: Synthesis, crystal structure, Hirshfeld surface, quantum computational and molecular docking studies. <i>Journal of Molecular Structure</i> , 2021, 1225, 129104.	3.6	9
8	Structure-property relationship in thioxotriaza-spiro derivative: Crystal structure and molecular docking analysis against SARS-CoV-2 main protease. <i>Journal of Molecular Structure</i> , 2022, 1250, 131746.	3.6	8
9	Synthesis of novel spirobibenzopyrans as potent anticancer leads inducing apoptosis in HeLa cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127199.	2.2	6
10	Structural-property relationship in halogen-bonded Schiff base derivative: Crystal structure, computational and SARS-CoV-2 docking studies. <i>Journal of Molecular Structure</i> , 2022, 1265, 133409.	3.6	6
11	Understanding the Formation of Novel Hydrated Gallic Acid-Creatinine Molecular Salt: Crystal Structure, Hirshfeld Surface and DFT Studies. <i>Journal of Chemical Crystallography</i> , 2020, 50, 410-421.	1.1	5
12	Synthesis, characterization, crystal structure and theoretical simulation of novel ethyl 2-(7-hydroxy-4-methyl-2-oxo-2H-chromen-3-yl)acetate. <i>Chemical Data Collections</i> , 2020, 28, 100425.	2.3	4
13	A solid state analysis of metformin picrate salt. <i>Chemical Data Collections</i> , 2020, 30, 100577.	2.3	2
14	Synthesis, Structural Characterization and Hirshfeld Surface Analysis of Mixed Ligand Copper(II) Complex. <i>Chemical Data Collections</i> , 2020, 28, 100374.	2.3	1
15	Analysis of structural conformation and supramolecular self-assembly of novel oxalate-bridged tetranuclear Cu(II) complex by combined crystallographic and computational studies. <i>Journal of Molecular Structure</i> , 2022, 1250, 131658.	3.6	0