

Taha Guerfel

List of Publications by Year in descending order

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45
papers

407
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759233

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#	ARTICLE	IF	CITATIONS
1	Non-covalent assembly of $\hat{\Gamma}^2$ -iminoamine-chlorocobaltate(II) hybrid material: Molecular structure, computational simulations and antimicrobial activity. <i>Journal of Molecular Structure</i> , 2022, 1251, 131967.	3.6	5
2	Synthesis, Thermal Properties and Electrical Conductivity of Na-Sialate Geopolymer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 3083-3092.	3.7	3
3	Structural and computational analyses of a 2-propanolammonium-chlorocadmate(II) assembly: Pivotal role of hydrogen bonding and $H\hat{\alpha}^{\prime\prime}H$ interactions. <i>Journal of Molecular Structure</i> , 2021, 1223, 128998.	3.6	14
4	Spectroscopic, Electrochemical, Magnetic and Structural Characterization of an Hexamethylenetetramine Co(II) Porphyrin Complex $\hat{\alpha}^{\prime\prime}$ Application in the Catalytic Degradation of Vat Yellow 1 dye. <i>Journal of Molecular Structure</i> , 2021, 1231, 129676.	3.6	12
5	Computational chemistry methods for modelling non-covalent interactions and chemical reactivity $\hat{\alpha}^{\prime\prime}$ An overview. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100208.	2.8	22
6	Synthesis, structure and theoretical simulation of a zinc(II) coordination complex with 2,3-pyridinedicarboxylate. <i>Journal of Molecular Structure</i> , 2020, 1199, 127015.	3.6	14
7	Synthesis and structural studies of hexafluorophosphate-based organic salts: A combined experimental and computational analysis. <i>Journal of Molecular Structure</i> , 2020, 1202, 127337.	3.6	1
8	Heteroleptic cobalt(II) complex with nitrogen-rich macrocycles $\hat{\alpha}^{\prime\prime}$ Structure, bioactivity and DFT modelling. <i>Solid State Sciences</i> , 2020, 100, 106117.	3.2	17
9	Experimental and computational studies on the structure and properties of a novel low-spin iron(III) macrocyclic complex. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 702, 92-109.	0.9	4
10	A newly synthesized nitrogen $\hat{\alpha}^{\prime\prime}$ rich derivative of bicyclic quinoxaline $\hat{\alpha}^{\prime\prime}$ Structural and conceptual DFT reactivity study. <i>Journal of Physical Organic Chemistry</i> , 2020, 33, e4055.	1.9	19
11	Neutral nickel(II) complex bearing hemilabile N,S-donor ligands $\hat{\alpha}^{\prime\prime}$ structural, Hirshfeld surfaces and DFT studies. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 709, 98-110.	0.9	5
12	Crystallographic and first $\hat{\alpha}^{\prime\prime}$ principles density functional theory study on the structure, noncovalent interactions, and chemical reactivity of 1,5 $\hat{\alpha}^{\prime\prime}$ benzodiazepin $\hat{\alpha}^{\prime\prime}$ 2 $\hat{\alpha}^{\prime\prime}$ ones derivatives. <i>International Journal of Quantum Chemistry</i> , 2019, 119, e26000.	2.0	30
13	Synthesis, structure, photophysical properties and biological activity of a cobalt(II) coordination complex with 4,4 $\hat{\alpha}^{\prime\prime}$ -bipyridine and porphyrin chelating ligands. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 781-794.	5.2	34
14	A new high-spin iron(III) bis(aqua) complex with the meso-tetra(para-chlorophenyl)porphyrin: X-ray crystallography, Hirshfeld surface analysis, magnetic, EPR and electrochemical properties. <i>Research on Chemical Intermediates</i> , 2018, 44, 7259-7276.	2.7	13
15	Modelling, structural, thermal, optical and vibrational studies of a new organic $\hat{\alpha}^{\prime\prime}$ inorganic hybrid material (C ₅ H ₁₆ N ₂)Cd _{1.5} Cl ₅ . <i>Bulletin of Materials Science</i> , 2017, 40, 55-66.	1.7	18
16	Crystal structure, vibrational studies, optical properties and TG-DTA investigations of a new chlorocadmate templated by 1-methylimidazolium. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 253-260.	2.6	3
17	Two New Coordination Compounds Based on Polymeric, [CdCl ₃ O] $n\hat{\alpha}^{\prime\prime}$ Chains or [Cd _{2.5} Cl ₇ O ₂] $n\hat{\alpha}^{\prime\prime}$ Layers: Synthesis, Crystal Structures, Physico-Chemical Properties and Theoretical Calculations. <i>Journal of Cluster Science</i> , 2016, 27, 1395-1417.	3.3	15
18	Synthesis, structure, spectroscopic investigations, and computational studies of optically pure $\hat{\Gamma}^2$ -ketoamide. <i>Crystallography Reports</i> , 2016, 61, 1064-1071.	0.6	2

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19	Crystal structure, phase transitions, and IR spectroscopic investigations of a new sulfate templated by diethylene triammonium. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 765-771.	1.6	1
20	Crystal structure of 2-isopropyl-5,7-dimethyl-1,3,3a',6a',8a',8b'-hexahydrospiro[cyclohexane-1,6-furo[3,4-d]imidazo[1,5-b]isoxazol]-8(7a')-one. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1150-1152.	0.5	1
21	Synthesis, Crystal Structure, Vibrational Spectra, Optical Properties and Thermal Analysis of a New Chlorocadmate Templated by 1-(2-Ammoniummethyl) Piperazinium. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 766-775.	3.7	14
22	Chemo- and Regioselective 1,3-Dipolar Cycloaddition of 2-Diazopropane over 1,4-Benzoquinone: Synthesis of New Pyrazoloquinones. Synthetic Communications, 2013, 43, 859-864.	2.1	3
23	Crystal Structure, Thermal Analysis, IR and Raman Spectroscopic Investigations of (C ₈ H ₂₂ N ₂)(AsO ₂ (OH) ₂) ₂ . Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 1511-1518.	3.7	1
24	Crystal Structure and Physicochemical Properties of 2-Diisopropylammonium Ethylammonium Sulfate Dihydrate. Crystal Structure Theory and Applications, 2012, 01, 40-45.	0.1	1
25	Crystal structure, thermal analysis and IR spectroscopic investigation of bis (N-methyl anilinium) sulfate. Open Journal of Inorganic Chemistry, 2011, 01, 47-53.	0.7	4
26	Synthesis and structure of new cationic methallyl molybdenum(II) complexes supported by $\hat{1}\pm$ -diimine ligands. Polyhedron, 2009, 28, 569-573.	2.2	7
27	Synthesis and structure of heterodifunctional N,O ligands. Comptes Rendus Chimie, 2009, 12, 521-526.	0.5	1
28	Synthesis and structure of the unsymmetrical $\hat{1}^2$ -diimine precursor: The $\hat{1}^2$ -iminoamine. Comptes Rendus Chimie, 2008, 11, 752-758.	0.5	3
29	Synthesis and X-ray structure of cationic methallyl palladium complexes supported by unsymmetrical $\hat{1}^2$ -diimine ligands. Polyhedron, 2008, 27, 893-897.	2.2	6
30	2,2-Bis(3-chloromethyl-4-ethoxyphenyl)propane. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1360-o1360.	0.2	0
31	Crystal structures, thermal analysis and IR investigations of (C ₄ H ₁₄ N ₂ O)SO ₄ and (C ₄ H ₁₄ N ₂ O)SO ₄ ·H ₂ O. Materials Research Bulletin, 2007, 42, 149-158.	5.2	4
32	Crystal structure and physicochemical properties of a new organic condensed phosphate (C ₇ H ₁₀ NO) ₃ P ₃ O ₉ ·4H ₂ O. Materials Research Bulletin, 2007, 42, 446-455.	5.2	5
33	Synthesis and X-Ray Analysis of a New [6]Helicene. Synthetic Communications, 2006, 36, 1557-1567.	2.1	20
34	Synthesis, characterization and crystal structure of diamagnetic tetracoordinated chromium (II) complexes supported by $\hat{1}\pm$ -diimine ligands. Inorganic Chemistry Communication, 2006, 9, 1023-1025.	3.9	10
35	Synthesis and crystal structure of tetracoordinated molybdenum (II) complexes containing rigid $\hat{1}\pm$ -diimine ligands. Polyhedron, 2006, 25, 1142-1146.	2.2	5
36	Preparation and structural characterization of tetracoordinated tungsten(II) diazadiene complexes. Journal of Organometallic Chemistry, 2006, 691, 1857-1861.	1.8	5

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37	Crystal structure, thermal analysis and IR spectrometric investigation of L-tyrosine hydrazide diphosphate monohydrate. <i>Materials Research Bulletin</i> , 2006, 41, 2024-2034.	5.2	3
38	Crystal structure, thermal analysis and IR spectrometric investigation of bis (2-amino-6-methyl) pyridinium sulfate. <i>Crystal Research and Technology</i> , 2006, 41, 416-422.	1.3	2
39	Crystal structure, thermal analysis, and IR spectroscopic investigation of bis(2-amino-6-methyl) pyridinium sulfate. <i>Journal of Chemical Crystallography</i> , 2005, 35, 513-521.	1.1	6
40	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2001, 31, 333-338.	1.1	12
41	Crystal structure, thermal analysis and IR spectrometric investigation of L-tyrosine hydrazide sulfate. <i>Solid State Sciences</i> , 2001, 3, 859-866.	3.2	11
42	Crystal structure and thermal analysis of 1,5-diammonium-2-methyl pentane sulfate monohydrate. <i>Journal of Chemical Crystallography</i> , 2000, 30, 95-98.	1.1	8
43	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2000, 30, 799-804.	1.1	12
44	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2000, 30, 805-809.	1.1	21
45	Structure, thermal behavior, and IR investigation of a new organic sulfate. <i>Journal of Chemical Crystallography</i> , 1999, 29, 1205-1210.	1.1	11