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List of Publications by Year in descending order

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293
papers

3,385
citations

87888

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46
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all docs

299
docs citations

299
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, crystal structure, Hirshfeld surface analysis and DFT calculations of 2-[(2,3-dimethylphenyl)amino]-N ⁺ =[(E)-thiophen-2-ylmethylidene]benzohydrazide. <i>Journal of Molecular Structure</i> , 2020, 1205, 127654.	3.6	76
2	Synthesis, Crystal Structure, Hirshfeld Surface Analysis, and Computational Study of a Novel Organic Salt Obtained from Benzylamine and an Acidic Component. <i>ACS Omega</i> , 2021, 6, 22357-22366.	3.5	66
3	5-((1H-imidazol-1-yl)methyl)quinolin-8-ol as potential antiviral SARS-CoV-2 candidate: Synthesis, crystal structure, Hirshfeld surface analysis, DFT and molecular docking studies. <i>Journal of Molecular Structure</i> , 2021, 1232, 130005.	3.6	62
4	The synthesis, characterization and theoretical study on nicotinic acid [1-(2,3-dihydroxyphenyl)methylidene]hydrazide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 323-331.	3.9	61
5	Synthesis, structural and molecular characterization of 2,2-diphenyl-2H,3H,5H,6H,7H-imidazo[2,1-b][1,3]thiazin-3-one. <i>Journal of Molecular Structure</i> , 2019, 1197, 369-376.	3.6	60
6	Hirshfeld surface, crystal structure and spectroscopic characterization of (E)-4-(diethylamino)-2-((4-phenoxyphenylimino)methyl)phenol with DFT studies. <i>Journal of Molecular Structure</i> , 2019, 1179, 181-191.	3.6	60
7	Vibrational spectroscopic studies, NMR, HOMO ^o LUMO, NLO and NBO analysis of 1-(2-nitrobenzoyl)-3,5-diphenyl-4,5-dihydro-1 H -pyrazole with use X-ray diffractions and DFT calculations. <i>Journal of Molecular Structure</i> , 2016, 1108, 637-648.	3.6	59
8	Synthesis, crystallographic structure, DFT calculations and Hirshfeld surface analysis of a fumarate bridged Co(II) coordination polymer. <i>Journal of Molecular Structure</i> , 2018, 1173, 42-51.	3.6	59
9	Crystal structure and spectroscopic characterization of (E)-2-(((4-bromo-2-(trifluoromethoxy)phenyl)imino)methyl)-4-nitrophenol: A combined experimental and computational study. <i>Journal of Molecular Structure</i> , 2014, 1063, 295-306.	3.6	57
10	Synthesis of a novel phenytoin derivative: Crystal structure, Hirshfeld surface analysis and DFT calculations. <i>Journal of Molecular Structure</i> , 2020, 1205, 127630.	3.6	56
11	Copper(II) complex with 6-methylpyridine-2-carboxylic acid: Experimental and computational study on the XRD, FT-IR and UV ^o Vis spectra, refractive index, band gap and NLO parameters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 220-230.	3.9	55
12	Synthesis, spectroscopy, crystal structure, TGA/DTA study, DFT and molecular docking investigations of (E)-4-(4-methylbenzyl)-6-styrylpyridazin-3(2H)-one. <i>Journal of Molecular Structure</i> , 2021, 1228, 129435.	3.6	55
13	Towards white light emission from a hybrid thin film of a self-assembled ternary samarium(ⁱⁱⁱ) complex. <i>New Journal of Chemistry</i> , 2020, 44, 5673-5683.	2.8	54
14	Co(ⁱⁱ) and Zn(ⁱⁱ) pyrazolyl-benzimidazole complexes with remarkable antibacterial activity. <i>New Journal of Chemistry</i> , 2020, 44, 2210-2221.	2.8	54
15	A novel 3-acetoxy-2-methyl-N-(4-methoxyphenyl)benzamide: Molecular structural describe, antioxidant activity with use X-ray diffractions and DFT calculations. <i>Journal of Molecular Structure</i> , 2015, 1100, 582-591.	3.6	53
16	Synthesis, Crystal Structure, DFT Calculations and Hirshfeld Surface Analysis of 3-Chloro-2,6-Bis(4-Chlorophenyl)-3-Methylpiperidin-4-One. <i>Journal of Chemical Crystallography</i> , 2021, 51, 273-287.	1.1	51
17	A tris β^2 -diketonate europium(III) complex based OLED fabricated by thermal evaporation method displaying efficient bright red emission. <i>Organic Electronics</i> , 2021, 96, 106216.	2.6	51
18	Synthesis, crystal structure, spectroscopic characterization and nonlinear optical properties of (Z)-N'-(2,4-dinitrobenzylidene)-2-(quinolin-8-yloxy) acetohydrazide. <i>Journal of Molecular Structure</i> , 2019, 1194, 112-123.	3.6	50

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19	Synthesis, structure, Hirshfeld surface analysis and photophysical studies of red emitting europium acetylacetonate complex incorporating a phenanthroline derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 268-281.	3.9	50
20	Acesulfame based Co(II) complex: Synthesis, structural investigations, solvatochromism, Hirshfeld surface analysis and molecular docking studies. <i>Polyhedron</i> , 2022, 218, 115762.	2.2	50
21	Three novel Cu(II), Cd(II) and Cr(III) complexes of 6- <i>N</i> -methylpyridine-2-carboxylic acid with thiocyanate: Synthesis, crystal structures, DFT calculations, molecular docking and α -Glucosidase inhibition studies. <i>Tetrahedron</i> , 2018, 74, 7198-7208.	1.9	49
22	Novel Cu(II), Co(II) and Zn(II) metal complexes with mixed-ligand: Synthesis, crystal structure, α -glucosidase inhibition, DFT calculations, and molecular docking. <i>Journal of Molecular Structure</i> , 2019, 1197, 645-655.	3.6	49
23	Synthesis of the first mixed ligand Mn (II) and Cd (II) complexes of 4-methoxy-2-pyridine-carboxylic acid, molecular docking studies and investigation of their anti-tumor effects <i>in vitro</i> . <i>Applied Organometallic Chemistry</i> , 2020, 34, e5416.	3.5	49
24	Peripherally tetra-benzimidazole units-substituted zinc(II) phthalocyanines: Synthesis, characterization and investigation of photophysical and photochemical properties. <i>Journal of Luminescence</i> , 2018, 194, 123-130.	3.1	48
25	Synthesis, crystal structure analysis, spectral IR, NMR UV-Vis investigations, NBO and NLO of 2-benzoyl-N-(4-chlorophenyl)-3-oxo-3-phenylpropanamide with use of X-ray diffractions studies along with DFT calculations. <i>Journal of Molecular Structure</i> , 2016, 1118, 316-324.	3.6	47
26	Two new copper (II) carboxylate complexes based on N,N,N',N'-tetramethylethylenediamine: Synthesis, crystal structures, spectral properties, dft studies and hirshfeld surface analysis. <i>Journal of Molecular Structure</i> , 2021, 1230, 129916.	3.6	47
27	Experimental and DFT Studies on Poly[di- μ -acesulfamato-O,O';O μ :O,O-di- μ -acesulfamato-O,O';N-di- μ -aqua-dicalcium(II)] Complex. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 671-679.	3.7	46
28	Direct and solvent-assisted thione-thiol tautomerism in 5-(thiophen-2-yl)-1,3,4-oxadiazole-2(3H)-thione: Experimental and molecular modeling study. <i>Chemical Physics</i> , 2014, 439, 1-11.	1.9	46
29	Experimental (XRD, IR and NMR) and theoretical investigations on 1-(2-nitrobenzoyl)-3,5-bis(4-methoxyphenyl)-4,5-dihydro-1H-pyrazole. <i>Journal of Molecular Structure</i> , 2016, 1126, 117-126.	3.6	46
30	Structural features of 7-methoxy-5-methyl-2-(pyridin-3-yl)-11,12-dihydro-5,11-methano[1,2,4]triazolo[1,5-c][1,3,5]benzoxadiazocine: Experimental and theoretical (HF and DFT) studies, surface properties (MEP), <i>Tj ETQq0 OorgBT /Overlock 10</i>		
31	Synthesis, structural and spectroscopic evaluations and nonlinear optical properties of 3,5-bis(4-methoxyphenyl)-4,5-dihydro-1H-pyrazole-1-carbothioic O-acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1387-1396.	3.9	45
32	Synthesis, crystal structure, DFT calculations, Hirshfeld surface, vibrational and optical properties of a novel hybrid non-centrosymmetric material (C10H15N2)2H2P2O7. <i>Journal of Molecular Structure</i> , 2019, 1196, 499-507.	3.6	45
33	A new dinuclear copper (II) complex of 2,5-Furandicarboxylic acid with 4(5)-Methylimidazole as a high potential α -glucosidase inhibitor: Synthesis, Crystal structure, Cytotoxicity study, and TD/DFT calculations. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4725.	3.5	45
34	A novel series of mixed-ligand M(II) complexes containing 2,2'-bipyridyl as potent α -glucosidase inhibitor: synthesis, crystal structure, DFT calculations, and molecular docking. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 747-764.	2.6	44
35	A theoretical and experimental study on isonitrosoacetophenone nicotinoyl hydrazone: Crystal structure, spectroscopic properties, NBO, NPA and NLMO analyses and the investigation of interaction with some transition metals. <i>Journal of Molecular Structure</i> , 2018, 1162, 125-139.	3.6	42
36	Synthesis, crystal structure, spectroscopic studies, NBO, AIM and SQMFF calculations of new pyridazinone derivative. <i>Journal of Molecular Structure</i> , 2021, 1223, 129213.	3.6	42

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37	An experimental and theoretical study on the novel (Z)-1-((naphthalen-2-ylamino)methylene)naphthalen-2(1H)-one crystal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 13-23.	3.9	41
38	Synthesis, characterization and properties of nicotinamide and isonicotinamide complexes with diverse dicarboxylic acids. <i>Polyhedron</i> , 2017, 127, 293-301.	2.2	41
39	Synthesis, characterization, and pharmacological studies of ferrocene-1H-1,2,3-triazole hybrids. <i>Journal of Molecular Structure</i> , 2017, 1146, 536-545.	3.6	41
40	The Synthesis, Characterization, Crystal Structure and Photophysical Properties of a New Meso-BODIPY Substituted Phthalonitrile. <i>Journal of Fluorescence</i> , 2015, 25, 1225-1234.	2.5	40
41	Synthesis of complexes Fe, Co and Cu supported by π -pincer ligands and their ability to catalytically form cyclic carbonates. <i>Inorganica Chimica Acta</i> , 2018, 471, 290-296.	2.4	39
42	Synthesis, crystal structure, vibrational spectral investigation, intermolecular interactions, chemical reactivity, NLO properties and molecular docking analysis on (E)-N-(4-nitrobenzylidene)-3-chlorobenzenamine: A combined experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2021, 1240, 130589.	3.6	37
43	Crystal structure and Hirshfeld surface analysis of 7-ethoxy-5-methyl-2-(pyridin-3-yl)-11,12-dihydro-5,11-methano[1,2,4]triazolo[1,5-c][1,3,5]benzoxadiazocine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 367-370.		27
44	Synthesis, crystal structures and characterizations of three new copper(II) complexes including anti-inflammatory diclofenac. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 388-397.	0.5	23
45	Bis(acesulfamato- λ^2 O4,N)bis(3-methylpyridine)copper(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m401-m403.	0.4	22
46	Crystal structure, DFT studies and thermal characterization of new luminescent stannate (IV) based inorganic-organic hybrid compound. <i>Journal of Molecular Structure</i> , 2021, 1224, 129266.	3.6	22
47	Regio- and diastereoselective synthesis of spiropyrroloquinoxaline grafted indole heterocyclic hybrids and evaluation of their anti- <i>Mycobacterium tuberculosis</i> activity. <i>RSC Advances</i> , 2020, 10, 23522-23531.	3.6	21
48	Synthesis, crystallographic structure, theoretical calculations, spectral and thermal properties of trans-diaquabis(trans-4-aminoantipyrine)cobalt(II) acesulfamate. <i>Journal of Molecular Structure</i> , 2019, 1190, 102-115.	3.6	20
49	Theoretical and experimental approaches of new Schiff bases: efficient synthesis, X-ray structures, DFT, molecular modeling and ADMET studies. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2345-2368.	2.2	20
50	Stereoselective synthesis and discovery of novel spirooxindolopyrrolidine engrafted indandione heterocyclic hybrids as antimycobacterial agents. <i>Bioorganic Chemistry</i> , 2021, 110, 104798.	4.1	20
51	3-(2-Hydroxyphenyl)-4-phenyl-1H-1,2,4-triazole-5(4H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o1580-o1582.	0.2	19
52	Synthesis, characterization and single crystal X-ray studies of pincer type Ni(II)-Schiff base complexes: Application in synthesis of 2-substituted benzimidazoles. <i>Journal of Organometallic Chemistry</i> , 2019, 890, 13-20.	1.8	18
53	1,4-Disubstituted 1H-1,2,3-Triazoles for Renal Diseases: Studies of Viability, Anti-Inflammatory, and Antioxidant Activities. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3823.	4.1	18
54	Crystal structure and Hirshfeld surface analysis of 2-methyl-3-nitro-N-[(E)-(5-nitrothiophen-2-yl)methylidene]aniline. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 138-141.	0.5	17

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55	Synthesis, X-ray crystallography, vibrational spectroscopy, thermal and DFT studies of (E)-6-(4-methylstyryl)-4,5-dihydropyridazin-3(2H)-one. <i>Journal of Molecular Structure</i> , 2021, 1225, 129180.	3.6	16
56	Concentration effects on optical properties, DFT, crystal characterization and α -glucosidase activity studies: Novel Zn(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120072.	3.9	16
57	Dinicotinamidium squarate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o727-o729.	0.4	15
58	Synthesis and evaluation of new isatin-aminorhodanine hybrids as PIM1 and CLK1 kinase inhibitors. <i>Journal of Molecular Structure</i> , 2019, 1192, 82-90.	3.6	15
59	Synthesis, crystal structure, photophysical properties, density functional theory calculations and molecular docking studies on Cd(II) complex of 4,4'-dimethyl-2,2'-dipyridyl. <i>Journal of Molecular Structure</i> , 2020, 1202, 127288.	3.6	15
60	Novel metal complexes containing 6-methylpyridine-2-carboxylic acid as potent α -glucosidase inhibitor: synthesis, crystal structures, DFT calculations, and molecular docking. <i>Molecular Diversity</i> , 2021, 25, 171-189.	3.9	15
61	Synthesis, crystal structure, Cu ²⁺ doped EPR, thermal and voltammetric studies of [Ni(isonicotinamide) ₂ (H ₂ O) ₄](<i>sac</i>) ₂ single crystal. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1540-1548.	4.0	14
62	A novel series of M(II) complexes of 6-methylpyridine-2-carboxylic acid with 4(5)methylimidazole: Synthesis, crystal structures, α -glucosidase activity, density functional theory calculations and molecular docking. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4935.	3.5	14
63	Synthesis of two new Schiff bases; crystal structure, Hirshfeld surface analysis, density functional theory and molecular docking. <i>Journal of Molecular Structure</i> , 2021, 1226, 129330.	3.6	14
64	Fabrication and Antimicrobial Activity of Poly(lactic acid) Nanofibers Containing Firstly Synthesized Silver Diclofenac Complex with (2-methylimidazole) for Wound Dressing Applications. <i>Fibers and Polymers</i> , 2021, 22, 2738-2749.	2.1	14
65	Crystal structure of a mixed-ligand silver(I) complex of the non-steroidal anti-inflammatory drug diclofenac and pyrimidine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 1475-1479.	0.5	14
66	Synthesis, crystal structure and Hirshfeld surface analysis of tetraaquabis(isonicotinamide) [Tj ETQq0 0 0 rgBT /Overlock 10 Tf Communications, 2018, 74, 217-220.	0.5	14
67	Growth, crystal structure, Hirshfeld surface analysis, DFT studies, physicochemical characterization, and cytotoxicity assays of novel organic triphosphate. <i>Journal of Molecular Modeling</i> , 2022, 28, 65.	1.8	13
68	A third monoclinic polymorph of 3,4,5-trihydroxybenzoic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1509-o1510.	0.2	12
69	Tri-nuclear phthalocyanine complexes carrying N/O donor ligands as hydrogen peroxide catalysts, and their bleaching activity measurements by an online spectrophotometric method. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2751-2770.	2.2	12
70	Crystal structure, spectroscopic (FT-IR, ¹ H and ¹³ C NMR) characterization and density functional theory calculations on Ethyl 2-(dichloromethyl)-4-methyl-1-phenyl-6-thioxo-1,6-dihydropyrimidine-5-carboxylate. <i>Journal of Molecular Structure</i> , 2018, 1171, 762-770.	3.6	12
71	Anticancer Indole-Based Chalcones: A Structural and Theoretical Analysis. <i>Molecules</i> , 2019, 24, 3728.	3.8	12
72	Synthesis and X-ray crystal structures of three new nickel(II) complexes of benzoylhydrazones: Catalytic applications in the synthesis of 2-arylbenzoxazoles. <i>Inorganica Chimica Acta</i> , 2020, 500, 119222.	2.4	12

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73	Synthesis, experimental and theoretical characterization of (E)-2-((2,3-dimethylphenyl)amino)-N-(furan-2-ylmethylene)benzohydrazide. Journal of Molecular Structure, 2020, 1219, 128518.	3.6	12
74	Formation of a new Cu(II)-triazole ester complex from 1,2-cyclohexanedione-bis(p-bromobenzohydrazone) compound as a consequence of copper(II)-catalyzed click reaction. Chemical Papers, 2021, 75, 3901-3914.	2.2	12
75	Highly functionalized N-1-(2-pyridinylmethyl)-3,5-bis[(E)-arylmethylidene]tetrahydro-4(1H)-pyridinones: Synthesis, characterization, crystal structure and DFT studies. Journal of Molecular Structure, 2020, 1222, 128940.	3.6	11
76	Synthesis, crystal structure, spectroscopic (FT-IR, 1H and 13C NMR) and nonlinear optical properties of a novel potential HIV-1 protease inhibitor. Chemical Physics Letters, 2020, 742, 137171.	2.6	11
77	A newly synthesized small molecule: the evaluation against Alzheimer's Disease by in silico drug design and computational structure analysis methods. Journal of Molecular Structure, 2021, 1236, 130337.	3.6	11
78	Crystallographic, spectroscopic, thermal, optical investigations and density functional theory calculations for novel Co(II) and Mn(II) complexes. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	11
79	Crystal structure and Hirshfeld surface analysis of dimethyl 3,3'-bis-[[1-(E)-ethane-1,2-diylidene]bis(azanylylidene)]bis(4-methylbenzoate). Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 340-345.	0.5	11
80	Synthesis, spectral properties, in vitro α -glucosidase inhibitory activity and quantum chemical calculations of novel mixed-ligand M(II) complexes containing 1,10-phenanthroline. Applied Organometallic Chemistry, 2020, 34, e5412.	3.5	10
81	Novel Mn(II) and Zn(II) complexes of 6-bromopicolinic acid as a potential optical material: Synthesis, spectral characterizations, linear, and nonlinear optical properties and density functional theory calculations. Applied Organometallic Chemistry, 2021, 35, e6125.	3.5	10
82	Therapeutical Potential of Imines; Synthesis, Single Crystal Structure, Computational, Molecular Modeling, and ADMET Evaluation. ACS Omega, 2022, 7, 10568-10579.	3.5	10
83	Experimental and theoretical approaches on structural, spectroscopic (FT-IR and UV-Vis), nonlinear optical, and molecular docking analyses for Zn (II) and Cu (II) complexes of 6-chloropyridine-2-carboxylic acid. Applied Organometallic Chemistry, 2022, 36, .	3.5	10
84	Solvothermal synthesis, crystal structure, thermal, magnetic properties and DFT computations of a Ytterbium(III) complex derived from pyridine-2,6-dicarboxylic acid. Journal of Molecular Structure, 2022, 1260, 132877.	3.6	10
85	Synthesis, characterization, spectroscopy, X-ray structure and gaussian hybrid computational investigation of (η^3)-(S)-1-[2-(benzenesulfonamido)-3-phenylpropanoyl]-4-[(4-methylphenyl)thiosemicarbazide]. Phosphorus, Sulfur and Silicon and the Related Elements. 2018, 193, 675-684.	1.6	9
86	The clean and mild synthesis, crystal structure, and intra-molecular hydrogen bond study of substituted new 4,8-dihydropyrano[3,2-b]-pyrans containing chlorokojic acid moiety. Research on Chemical Intermediates, 2019, 45, 4543-4554.	2.7	9
87	Crystal structure and the DFT and MEP study of 4-benzyl-2-[2-(4-fluorophenyl)-2-oxoethyl]-6-phenylpyridazin-3(2H)-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1030-1034.	0.5	9
88	Crystal structure and Hirshfeld surface analysis of (Z)-4-[[4-(3-methyl-3-phenylcyclobutyl)thiazol-2-yl]amino]-4-oxobut-2-enoic acid. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 120-124.	0.5	9
89	Stabilization of supramolecular network of fluconazole drug polyiodide: Synthesis, computational and spectroscopic studies. Journal of Molecular Structure, 2022, 1263, 133192.	3.6	9
90	Bis(acesulfamato- λ^4 O4)diaquabis(3-methylpyridine- λ^1 N)nickel(II). Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m13-m15.	0.4	8

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91	Nâ€²-(2,3-Dihydroxybenzylidene)isonicotinohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3369-o3370.	0.2	8
92	X-ray structures and spectroscopic properties of chiral thiosemicarbazides as studied by computational calculations. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 856-865.	1.6	8
93	Two New Co(II) Complexes of Picolinate: Synthesis, Crystal Structure, Spectral Characterization, Î±-Glucosidase Å°nhibition and TD/DFT Study. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1265-1279.	3.7	8
94	A facile ionic liquid-accelerated, four-component cascade reaction protocol for the regioselective synthesis of biologically interesting ferrocene engrafted spiropyrrolidine hybrid heterocycles. Journal of King Saud University - Science, 2020, 32, 2500-2504.	3.5	8
95	An unprecedented formation of new copper(II) complexes as bioactive materials based on copper-catalyzed click reaction. Polyhedron, 2021, 198, 115084.	2.2	8
96	Crystal structure and Hirshfeld surface analysis of <i>N</i>-{2-[(<i>E</i>)-(4-methylbenzylidene)amino]phenyl}-2-(5-methyl-1-<i>H</i>-pyrazol-3-yl)acetamide hemihydrate. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 154-158.	0.5	8
97	Crystal structure and Hirshfeld surface analysis of (<i>E</i>)-2-(2,4,6-trimethylbenzylidene)-3,4-dihydronaphthalen-1(2<i>H</i>)-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 746-750.	0.5	8
98	Crystal structure, Hirshfeld surface analysis and DFT studies of 6-[(<i>E</i>)-2-(thiophen-2-yl)ethenyl]-4,5-dihydropyridazin-3(2<i>H</i>)-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1880-1883.	0.5	8
99	Synthesis, Structure and Biological Evaluations of Zn(II) Pincer Complexes Based on S-Triazine Type Chelator. Molecules, 2022, 27, 3625.	3.8	8
100	Molecular structure and EPR spectral studies of trans-Bis(perchlorato-Î²O)tetrakis(1-vinyl-1Himidazole-Î²N3)copper(II). Chemical Physics Letters, 2014, 592, 59-63.	2.6	7
101	The synthesis, characterization, crystal structure and theoretical calculations of a new meso-BOBIPY substituted phthalonitrile. Journal of Luminescence, 2014, 149, 297-305.	3.1	7
102	A new antibacterial silver(I) complex incorporating 2,5-dimethylpyrazine and the anti-inflammatory diclofenac. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 947-951.	0.5	7
103	Molecular structure, spectroscopic, and density functional theory studies of <i>o</i>-Dianisidine. Molecular Crystals and Liquid Crystals, 2017, 648, 183-201.	0.9	7
104	SYNTHESIS, CHARACTERIZATION AND CRYSTAL STRUCTURE OF A NOVEL DECAVANADATE SALT, [V0.50(H2O)5]2[H2(V10O28)]Å°4(H2O). Journal of the Chilean Chemical Society, 2017, 62, 3610-3614.	1.2	7
105	Synthesis, characterization, hirshfeld surface and theoretical properties of a new non-centrosymmetric inorganic/organic material: (C 7 H 12 N 2) 7 [Î²-SbMo 6 O 24] 2 Å°8H 2 O. Journal of Molecular Structure, 2018, 1166, 195-201.	3.6	7
106	Crystal Structure and Hirshfeld Surface Analysis of 3,5-Bis(4-Methoxyphenyl)-4,5-Dihydro-1H-Pyrazole-1-Carbothioamide. Journal of Structural Chemistry, 2020, 61, 126-132.	1.0	7
107	Crystal structural and in silico studies of Schiff bases derived from 4-aminoantipyrine. Solid State Sciences, 2020, 106, 106293.	3.2	7
108	(E)-5-Phenyl-N-(2-thienylmethylene)-1,3,4-thiadiazole-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1668-o1668.	0.2	7

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109	Crystal structure and Hirshfeld surface analysis of 4-[4-(1 <i>H</i> -benzo[<i>d</i>]imidazol-2-yl)phenoxy]phthalonitrile monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 994-997.	0.5	7
110	Crystal structure and Hirshfeld surface analysis of a new benzodiazepine derivative: 4-dichloromethyl-2,3-dihydro-1 <i>H</i> -1,5-benzodiazepin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 33-37.	0.5	7
111	Crystal structure, DFT and MEP study of (<i>E</i>)-2-[(3-chlorophenyl)imino]methyl]-6-methylphenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 141-144.	0.5	7
112	(<i>E</i>)- <i>N</i> -(3-chlorophenyl)-1-(5-nitro-2-(piperidin-1-yl)phenyl)methanimine: X-Ray, DFT, ADMET, Boiled-Egg Model, Druggability, Bioavailability, and Human Cyclophilin D (CypD) Inhibitory Activity. <i>Journal of Molecular Structure</i> , 2022, 1250, 131744.	3.6	7
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