

Saied M Soliman

List of Publications by Year in descending order

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195
papers

1,814
citations

331670

21
h-index

477307

29
g-index

197
all docs

197
docs citations

197
times ranked

1557
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Crystal Structure, Quantum Chemical Calculations, DNA Interactions, and Antimicrobial Activity of [Ag(2-amino-3-methylpyridine) ₂]NO ₃ and [Ag(pyridine-2-carboxaldoxime)NO ₃]. <i>Inorganic Chemistry</i> , 2010, 49, 9788-9797.	4.0	71
2	Experimental and theoretical spectroscopic studies, HOMO–LUMO, NBO analyses and thione–thiol tautomerism of a new hybrid of 1,3,4-oxadiazole-thione with quinazolin-4-one. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 270-279.	3.9	53
3	Synthesis and structure investigation of novel pyrimidine-2,4,6-trione derivatives of highly potential biological activity as anti-diabetic agent. <i>Journal of Molecular Structure</i> , 2015, 1098, 365-376.	3.6	50
4	Electronic spectral studies and DFT computational analysis of hydrogen bonded charge transfer complexes between chloranilic acid and 2,5-dihydroxy-p-benzoquinone with 2-amino-4-methylbenzothiazole in methanol. <i>Journal of Molecular Liquids</i> , 2018, 256, 433-444.	4.9	43
5	Ultrasonic promoted synthesis of novel s -triazine-Schiff base derivatives; molecular structure, spectroscopic studies and their preliminary anti-proliferative activities. <i>Journal of Molecular Structure</i> , 2016, 1125, 121-135.	3.6	41
6	Novel enamione derived from thieno [2,3-b] thiene: Synthesis, x-ray crystal structure, HOMO, LUMO, NBO analyses and biological activity. <i>Chemistry Central Journal</i> , 2015, 9, 24.	2.6	39
7	New spiro-oxindole constructed with pyrrolidine/thioxothiazolidin-4-one derivatives: Regioselective synthesis, X-ray crystal structures, Hirshfeld surface analysis, DFT, docking and antimicrobial studies. <i>Journal of Molecular Structure</i> , 2018, 1152, 101-114.	3.6	37
8	Synthesis, spectral studies and DFT computational analysis of hydrogen bonded-charge transfer complex between chloranilic acid with 2,4-diamino-quinoline-3-carbonitrile in different polar solvents. <i>Journal of Molecular Liquids</i> , 2017, 231, 602-619.	4.9	36
9	Synthesis, spectroscopic, thermal, structural characterization and DFT/TD-DFT computational studies for charge transfer complexes of 2,4-diamino pyrimidine with some benzoquinone acceptors. <i>Journal of Molecular Liquids</i> , 2020, 309, 113210.	4.9	29
10	Ultrasonic Synthesis, Molecular Structure and Mechanistic Study of 1,3-Dipolar Cycloaddition Reaction of 1-Alkynylpyridinium-3-olate and Acetylene Derivatives. <i>Molecules</i> , 2016, 21, 848.	3.8	28
11	Zn(II) complex derived from bidentate Schiff base ligand: Synthesis, characterization, DFT studies and evaluation of anti-inflammatory activity. <i>Journal of Molecular Structure</i> , 2020, 1201, 127177.	3.6	28
12	Synthesis, structure and biological activity of zinc(II) pincer complexes with 2,4-bis(3,5-dimethyl-1H-pyrazol-1-yl)-6-methoxy-1,3,5-triazine. <i>Inorganica Chimica Acta</i> , 2020, 508, 119627.	2.4	28
13	Quinazolin-4-yl-sulfanylacetyl-hydrazone derivatives; Synthesis, molecular structure and electronic properties. <i>Journal of Molecular Structure</i> , 2013, 1049, 177-188.	3.6	26
14	Synthesis, NMR, FT-IR, X-ray structural characterization, DFT analysis and isomerism aspects of 5-(2,6-dichlorobenzylidene)pyrimidine-2,4,6(1H,3H,5H)-trione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 107-116.	3.9	25
15	Synthesis, molecular structure and spectroscopic studies of some new quinazolin-4(3H)-one derivatives; an account on the N- versus S-Alkylation. <i>Journal of Molecular Structure</i> , 2016, 1108, 667-679.	3.6	24
16	Structural analyses of two new highly distorted octahedral copper(II) complexes with quinoline-type ligands; Hirshfeld, AIM and NBO studies. <i>Polyhedron</i> , 2017, 127, 36-50.	2.2	23
17	One pot synthesis of two Mn(II) perchlorate complexes with s -triazine NNN -pincer ligand; molecular structure, Hirshfeld analysis and DFT studies. <i>Journal of Molecular Structure</i> , 2018, 1164, 344-353.	3.6	23
18	s -triazine pincer ligands: Synthesis of their metal complexes, coordination behavior, and applications. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6317.	3.5	23

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19	Structural and Theoretical Investigations, Hirshfeld Surface Analyses, and Cytotoxicity of a Naphthalene-Based Chiral Compound. <i>ACS Omega</i> , 2020, 5, 27227-27234.	3.5	23
20	Synthesis, characterization, and structural studies of two heteroleptic Mn(II) complexes with tridentate <i>s</i> -triazine-pincer type ligand. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2373-2388.	2.2	22
21	Bis-pyrazolyl- <i>s</i> -triazine Ni(II) pincer complexes as selective gram positive antibacterial agents; synthesis, structural and antimicrobial studies. <i>Journal of Molecular Structure</i> , 2019, 1195, 315-322.	3.6	22
22	Design, Synthesis, Chemical and Biochemical Insights Into Novel Hybrid Spirooxindole-Based p53-MDM2 Inhibitors With Potential Bcl2 Signaling Attenuation. <i>Frontiers in Chemistry</i> , 2021, 9, 735236.	3.6	22
23	Two heptacoordinated manganese(II) complexes of giant pentadentate <i>s</i> -triazine bis-Schiff base ligand: Synthesis, crystal structure, biological and DFT studies. <i>Inorganica Chimica Acta</i> , 2018, 479, 275-285.	2.4	21
24	Synthesis of novel 5-monoalkylbarbiturate derivatives: new access to 1,2-oxazepines. <i>Tetrahedron Letters</i> , 2015, 56, 6984-6987.	1.4	19
25	Synthesis, structural and biological studies of two new Co(III) complexes with tridentate hydrazone ligand derived from the antihypertensive drug hydralazine. <i>Inorganica Chimica Acta</i> , 2017, 466, 16-29.	2.4	19
26	Synthesis, Molecular and Supramolecular Structures of New Cd(II) Pincer-Type Complexes with <i>s</i> -TriazineCore Ligand. <i>Crystals</i> , 2019, 9, 226.	2.2	19
27	Synthesis, X-ray structure, and DFT studies of five- and eight-coordinated Cd(II) complexes with <i>s</i> -triazine-pincer chelate. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1621-1636.	2.2	19
28	Synthesis, molecular structure investigations and antimicrobial activity of 2-thioxothiazolidin-4-one derivatives. <i>Journal of Molecular Structure</i> , 2015, 1081, 519-529.	3.6	18
29	Synthesis, crystal structure, evaluation of urease inhibition potential and the docking studies of cobalt(III) complex based on barbituric acid Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2020, 503, 119405.	2.4	18
30	Syntheses, structure, Hirshfeld analysis and antimicrobial activity of four new Co(II) complexes with <i>s</i> -triazine-based pincer ligand. <i>Inorganica Chimica Acta</i> , 2020, 510, 119753.	2.4	17
31	Spectral analysis and DFT computations of the hydrogen bonded complex between 2,6-diaminopyridine with 2,6-dichloro-4-nitrophenol in different solvents. <i>Journal of Molecular Structure</i> , 2017, 1143, 31-41.	3.6	15
32	Synthesis, structural analyses and antimicrobial activity of the water soluble 1D coordination polymer [Ag(3-aminopyridine)]ClO ₄ . <i>Journal of Molecular Structure</i> , 2017, 1149, 58-68.	3.6	15
33	Synthesis and structure diversity of high coordination number Cd(II) complexes of large <i>s</i> -triazine bis-Schiff base pincer chelate. <i>Inorganica Chimica Acta</i> , 2019, 488, 131-140.	2.4	15
34	Novel one-dimensional polymeric Cu(II) complexes via Cu(II)-assisted hydrolysis of the 2,4-bis(3,5-dimethyl-1 <i>H</i> -pyrazol-1-yl)-6-methoxy-1,3,5-triazine pincer ligand: Synthesis, structure, and antimicrobial activities. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5941.	3.6	15
35	Synthesis and molecular characterization of 5,5'-((2,4-dichlorophenyl)methylene)bis(1,3-dimethylpyrimidine-2,4,6(1 <i>H</i> ,3 <i>H</i> ,5 <i>H</i>)-trione). <i>Journal of Molecular Structure</i> , 2015, 1084, 207-215.	3.6	14
36	Intermolecular interactions in crystal structure, Hirshfeld surface, characterization, DFT and thermal analysis of 5-((5-bromo-1 <i>H</i> -indol-3-yl)methylene)-1,3-dimethylpyrimidine-2,4,6(1 <i>H</i> ,3 <i>H</i> ,5 <i>H</i>)		

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37	Molecular structure and spectroscopic investigations combined with hypoglycemic/anticancer and docking studies of a new barbituric acid derivative. <i>Journal of Molecular Structure</i> , 2017, 1134, 99-111.	3.6	14
38	Synthesis, molecular structure, spectral analysis, and biological activity of new malonamide derivatives as α -glucosidase inhibitors. <i>Journal of Molecular Structure</i> , 2017, 1134, 253-264.	3.6	14
39	Synthesis, X-ray structure, DFT and antimicrobial studies of Ag(I) complexes with nicotinic acid derivatives. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 187, 48-53.	3.8	14
40	DFT study on the reactivity of mono-substituted pyridine ligands. <i>Computational and Theoretical Chemistry</i> , 2012, 994, 105-111.	2.5	13
41	Towards the chemical control of molecular packing: syntheses and crystal structures of threetrans-[NiL ₄ (NCS) ₂] complexes. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 115-125.	1.1	13
42	Structural and spectral investigations of the recently synthesized chalcone (E)-3-mesityl-1-(naphthalen-2-yl) prop-2-en-1-one, a potential chemotherapeutic agent. <i>Chemistry Central Journal</i> , 2015, 9, 35.	2.6	13
43	Decomposition of Intermolecular Interactions in the Crystal Structure of Some Diacetyl Platinum(II) Complexes: Combined Hirshfeld, AIM, and NBO Analyses. <i>Molecules</i> , 2016, 21, 1669.	3.8	13
44	One pot synthesis, molecular structure and spectroscopic studies (X-ray, IR, NMR, UV-Vis) of novel 2-(4,6-dimethoxy-1,3,5-triazin-2-yl) amino acid ester derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 159, 184-198.	3.9	13
45	A (salicylaldiminato)Pt(II) complex with dimethylpropylene linkage: Synthesis, structural characterization and antineoplastic activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 176, 150-156.	3.8	13
46	Tautomerism aspect of thione-thiol combined with spectral investigation of some 4-amino-5-methyl-1,2,4-triazole-3-thione Schiff's bases. <i>Journal of Molecular Structure</i> , 2017, 1146, 432-440.	3.6	13
47	Stereoselective green synthesis and molecular structures of highly functionalized spirooxindole-pyrrolidine hybrids – A combined experimental and theoretical investigation. <i>Journal of Molecular Structure</i> , 2018, 1152, 266-275.	3.6	13
48	New Diethyl Ammonium Salt of Thiobarbituric Acid Derivative: Synthesis, Molecular Structure Investigations and Docking Studies. <i>Molecules</i> , 2015, 20, 20642-20658.	3.8	12
49	Molecular structure and DFT investigations on new cobalt(II) chloride complex with superbase guanidine type ligand. <i>Journal of Chemical Sciences</i> , 2015, 127, 2137-2149.	1.5	12
50	Molecular structure, spectroscopic properties, NLO, HOMO-LUMO and NBO analyses of 6-hydroxy-3(2H)-pyridazinone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1086-1098.	3.9	12
51	Synthesis, Molecular Structure Optimization, and Cytotoxicity Assay of a Novel 2-Acetyl-3-amino-5-[(2-oxopropyl)sulfanyl]-4-cyanothiophene. <i>Molecules</i> , 2016, 21, 214.	3.8	12
52	Anticancer Indole-Based Chalcones: A Structural and Theoretical Analysis. <i>Molecules</i> , 2019, 24, 3728.	3.8	12
53	Synthesis and characterization of a spiroindolone pyrothiazole analog via X-ray, biological, and computational studies. <i>Journal of Molecular Structure</i> , 2019, 1186, 384-392.	3.6	12
54	Design, Construction, and Characterization of a New Regioisomer and Diastereomer Material Based on the Spirooxindole Scaffold Incorporating a Sulphone Function. <i>Symmetry</i> , 2020, 12, 1337.	2.2	12

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55	Straightforward Regio- and Diastereoselective Synthesis, Molecular Structure, Intermolecular Interactions and Mechanistic Study of Spirooxindole-Engrafted Rhodanine Analogs. <i>Molecules</i> , 2021, 26, 7276.	3.8	12
56	New bioactive 1D Ag(I) coordination polymers with pyrazole and triazine ligands; Synthesis, X-ray structure, Hirshfeld analysis and DFT studies. <i>Inorganica Chimica Acta</i> , 2022, 537, 120948.	2.4	12
57	Synthesis, Spectroscopic, X-ray Diffraction and DFT Studies of Novel Benzimidazole Fused-1,4-Oxazepines. <i>Molecules</i> , 2016, 21, 724.	3.8	11
58	Synthesis of spiroindolone analogue via three components reaction of olefin with isatin and sarcosine: Anti-proliferative activity and computational studies. <i>Journal of Molecular Structure</i> , 2020, 1204, 127500.	3.6	11
59	Highly functionalized N-1-(2-pyridinylmethyl)-3,5-bis[(E)-arylmethylidene]tetrahydro-4(1H)-pyridinones: Synthesis, characterization, crystal structure and DFT studies. <i>Journal of Molecular Structure</i> , 2020, 1222, 128940.	3.6	11
60	Synthesis, X-ray Single Crystal, Conformational Analysis and Cholinesterase Inhibitory Activity of a New Spiropyrrolidine Scaffold Tethered Benzo[b]Thiophene Analogue. <i>Crystals</i> , 2020, 10, 120.	2.2	11
61	Synthesis, crystal structure, DFT and biological activity of E-pyrene-1-carbaldehyde oxime and E-2-naphthaldehyde oxime. <i>Journal of Molecular Structure</i> , 2020, 1207, 127848.	3.6	11
62	Synthesis, and spectroscopic, nanostructure, surface morphology, and density functional theory studies of new charge-transfer complexes of amifampridine with I ⁻ -acceptors. <i>Journal of Molecular Liquids</i> , 2021, 326, 115199.	4.9	11
63	Regio- and stereoselective synthesis of spiro-heterocycles bearing the pyrazole scaffold via [3+2] cycloaddition reaction. <i>Journal of Molecular Structure</i> , 2022, 1250, 131711.	3.6	11
64	Theoretical studies of molecular structure and vibrational spectra of free, H-bonded and coordinated nicotinamide. <i>Computational and Theoretical Chemistry</i> , 2012, 988, 27-33.	2.5	10
65	A Facile and Eco-Friendly Method for the Synthesis of Sulfonamide and Sulfonate Carboxylic Acid Derivatives—X-ray Structure, Hirshfeld Analysis and Spectroscopic Characterizations. <i>Crystals</i> , 2019, 9, 35.	2.2	10
66	Self-assembly of azine-based hydrolysis of pyridine and isatin oxamohydrazides with AgNO ₃ ; synthesis and structural studies of a novel four coordinated Ag(I)-azine 2D coordination polymer. <i>Inorganica Chimica Acta</i> , 2019, 490, 227-234.	2.4	10
67	Synthesis, molecular structure and DFT studies of two heteroleptic nickel(II) s-triazine pincer type complexes. <i>Journal of Molecular Structure</i> , 2019, 1185, 461-468.	3.6	10
68	Synthesis, Structure and In Vitro Anticancer Activity of Pd(II) Complex of Pyrazolyl-s-Triazine Ligand; A New Example of Metal-Mediated Hydrolysis of s-Triazine Pincer Ligand. <i>Crystals</i> , 2021, 11, 119.	2.2	10
69	Quantum chemical study, spectroscopic investigations, NBO and HOMO—LUMO analyses of 3-aminoquinoline (3AQ) and [Ag(3AQ) ₂ (TCA)] complex (TCA=Trichloroacetate). <i>Journal of Molecular Structure</i> , 2014, 1074, 168-179.	3.6	9
70	Synthesis, structure combined with conformational analysis, biological activities and docking studies of bis benzylidene cyclohexanone derivatives. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 619-632.	5.2	9
71	Synthesis, characterization, X-ray structure, computational studies, and bioassay of novel compounds combining thiophene and benzimidazole or 1,2,4-triazole moieties. <i>Chemistry Central Journal</i> , 2017, 11, 51.	2.6	9
72	Stereoselective synthesis, X-ray analysis, computational studies and biological evaluation of new thiazole derivatives as potential anticancer agents. <i>Chemistry Central Journal</i> , 2018, 12, 56.	2.6	9

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73	Dinuclear uranyl coordination compound: Structural investigations and selective fluorescence sensing properties. <i>Polyhedron</i> , 2020, 189, 114745.	2.2	9
74	Intramolecular Hydrogen Bond, Hirshfeld Analysis, AIM; DFT Studies of Pyran-2,4-dione Derivatives. <i>Crystals</i> , 2021, 11, 896.	2.2	9
75	Synthesis, X-ray structure, Hirshfeld, and antimicrobial studies of new Ag(I) complexes based on pyridine-type ligands. <i>Journal of Molecular Structure</i> , 2022, 1264, 133210.	3.6	9
76	Tautomerism and spectroscopic properties of the immunosuppressant azathioprine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 394-403.	3.9	8
77	Synthesis, Molecular Structure and Spectroscopic Investigations of Novel Fluorinated Spiro Heterocycles. <i>Molecules</i> , 2015, 20, 8223-8241.	3.8	8
78	A new barbituric acid derivatives as reactive oxygen scavenger: Experimental and theoretical investigations. <i>Journal of Molecular Structure</i> , 2019, 1175, 524-535.	3.6	8
79	Fe(III) Complexes Based on Mono- and Bis-pyrazolyl-s-triazine Ligands: Synthesis, Molecular Structure, Hirshfeld, and Antimicrobial Evaluations. <i>Molecules</i> , 2020, 25, 5750.	3.8	8
80	Mono- and penta-nuclear self-assembled silver(I) complexes of pyrazolyl s-triazine ligand; synthesis, structure and antimicrobial studies. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5603.	3.5	8
81	Stereoselective synthesis, structure and DFT studies on fluoro- and nitro- substituted spirooxindole-pyrrolidine heterocyclic hybrids. <i>Journal of Molecular Structure</i> , 2021, 1237, 130396.	3.6	8
82	Synthesis, X-ray analysis and computational studies of two novel thiophene derivatives. <i>Journal of Sulfur Chemistry</i> , 2020, 41, 517-529.	2.0	8
83	Synthesis, Structure and Biological Evaluations of Zn(II) Pincer Complexes Based on S-Triazine Type Chelator. <i>Molecules</i> , 2022, 27, 3625.	3.8	8
84	Molecular structure and vibrational spectra of free and coordinated 3-bromoquinoline: Unexpected intramolecular CH \cdots O interactions. <i>Journal of Molecular Structure</i> , 2012, 1017, 135-142.	3.6	7
85	Molecular structure, spectroscopic properties, NLO and NBO analysis of 3,4-Lutidine and [Ag(3,4-Lutidine)2NO3] complex. <i>Journal of Molecular Structure</i> , 2013, 1048, 308-320.	3.6	7
86	Synthesis, molecular structure and stability of fused bicyclic 4-1,2,4-oxadiazoline Pt(II) complexes. <i>Polyhedron</i> , 2015, 98, 55-63.	2.2	7
87	Synthesis, characterization and DFT studies of two new silver(I) complexes with 3,4-lutidine. <i>Journal of Molecular Structure</i> , 2015, 1085, 126-136.	3.6	7
88	Synthesis, theoretical studies and molecular docking of a novel chlorinated tetracyclic: (Z/E)-3-(1,8-dichloro-9,10-dihydro-9,10-ethanoanthracen-11-yl)acrylaldehyde. <i>Journal of Molecular Structure</i> , 2017, 1150, 358-365.	3.6	7
89	Unexpected formation of polymeric silver(I) complexes of azine-type ligand via self-assembly of Ag-salts with isatin oxamohydrazide. <i>Royal Society Open Science</i> , 2018, 5, 180434.	2.4	7
90	Synthesis, Crystal Structure and DFT Studies of a New Dinuclear Ag(I)-Malonamide Complex. <i>Molecules</i> , 2018, 23, 888.	3.8	7

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91	Three Multi-Components Reaction: Synthesis and X-Ray Single-Crystal of Hydroacridinone-Based Hydrazino-S-Triazine Derivative as a New Class of Urease Inhibitor. <i>Crystals</i> , 2020, 10, 14.	2.2	7
92	Synthesis, X-ray structure, Hirshfeld analysis, and DFT studies of a new Pd(II) complex with an anionic s-triazine NNO donor ligand. <i>Journal of Molecular Structure</i> , 2020, 1217, 128463.	3.6	7
93	Synthesis, X-ray Structure and Biological Studies of New Self-Assembled Cu(II) Complexes Derived from s-Triazine Schiff Base Ligand. <i>Molecules</i> , 2022, 27, 2989.	3.8	7
94	Theoretical Study on Regioselectivity of the Diels-Alder Reaction between 1,8-Dichloroanthracene and Acrolein. <i>Molecules</i> , 2016, 21, 1277.	3.8	6
95	Highly functionalized dispiro oxindole-pyrrolo[1,2-c]thiazole-piperidone hybrid: Synthesis, characterization and theoretical investigations on the regiochemistry. <i>Journal of Molecular Structure</i> , 2016, 1121, 93-103.	3.6	6
96	A highly distorted hexacoordinated silver(I) complex: synthesis, crystal structure, and DFT studies. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1339-1356.	2.2	6
97	Synthesis, X-ray structure and topology (AIM and Hirshfeld) analyses of the new square planar [Ag(pyridine-2-aldoxime) ₂ ClO ₄] complex; A comparative study with its nitrate analogue. <i>Journal of Molecular Structure</i> , 2018, 1151, 204-217.	3.6	6
98	Synthesis and structural DFT studies of Ni(II) and Co(II) complexes with s-triazine-based di-compartmental ligand. <i>Polyhedron</i> , 2019, 165, 162-170.	2.2	6
99	X-ray Structure and DFT Studies of a New Square Planar Silver(I) Complex of Ketene S,S-Dithioacetal Ligand. <i>Journal of Chemical Crystallography</i> , 2020, 50, 52-61.	1.1	6
100	Crystal structure, DFT, antimicrobial, anticancer and molecular docking of (4E)-4-((aryl)methyleneamino)-1,2-dihydro-2,3-dimethyl-1-phenylpyrazol-5-one. <i>Journal of Molecular Structure</i> , 2020, 1213, 128185.	3.6	6
101	A Novel Centrosymmetric Fe(III) Complex with Anionic Bis-pyrazolyl-s-triazine Ligand; Synthesis, Structural Investigations and Antimicrobial Evaluations. <i>Symmetry</i> , 2021, 13, 1247.	2.2	6
102	Synthesis, X-ray Structure, Antimicrobial and Anticancer Activity of a Novel [Ag(ethyl-3-quinolate) ₂ (citrate)] Complex. <i>Crystals</i> , 2022, 12, 356.	2.2	6
103	Co (II) Complexes Based on the Bis-Pyrazol-S-Triazine Pincer Ligand: Synthesis, X-ray Structure Studies, and Cytotoxic Evaluation. <i>Crystals</i> , 2022, 12, 741.	2.2	6
104	X-ray Structure Analyses and Biological Evaluations of a New Cd(II) Complex with S-Triazine Based Ligand. <i>Crystals</i> , 2022, 12, 861.	2.2	6
105	Topology analysis reveals supramolecular organisation of 96 large complex ions into one geometrical object. <i>CrystEngComm</i> , 2016, 18, 1883-1886.	2.6	5
106	On the isomers of pyridine-4-carboxaldoxime and its nitrate salt, X-ray crystal structure and quantum chemical calculations. <i>Journal of Molecular Structure</i> , 2017, 1139, 17-30.	3.6	5
107	Monoalkylated barbiturate derivatives: X-ray crystal structure, theoretical studies, and biological activities. <i>Journal of Molecular Structure</i> , 2017, 1141, 624-633.	3.6	5
108	Synthesis, X-ray crystal structure and DFT studies of two octahedral cobalt(II) complexes with <i>N,N,N'</i> -tridentate triazine-type ligand. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2261-2279.	2.2	5

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109	Synthesis, characterization and computational studies of a novel thieno[2,3-b]thiophene derivative. <i>Journal of Molecular Structure</i> , 2017, 1130, 62-70.	3.6	5
110	Low temperature X-ray structure analyses combined with NBO studies of a new heteroleptic octa-coordinated Holmium(III) complex with N,N,N-tridentate hydrazono-phthalazine-type ligand. <i>Journal of Molecular Structure</i> , 2018, 1157, 222-229.	3.6	5
111	Synthesis, computational studies and biological activity of oxamohydrazide derivatives bearing isatin and ferrocene scaffolds. <i>Journal of Molecular Structure</i> , 2020, 1202, 127372.	3.6	5
112	Design, synthesis, molecular modelling and <i>in vitro</i> screening of monoamine oxidase inhibitory activities of novel quinazolyl hydrazine derivatives. <i>Royal Society Open Science</i> , 2020, 7, 200050.	2.4	5
113	Synthesis, structure and <i>in vitro</i> anticancer activity of Pd(II) complexes of mono- and bis-pyrazolyl-s-triazine ligands. <i>Polyhedron</i> , 2020, 187, 114665.	2.2	5
114	Syntheses and Structural Investigations of Penta-Coordinated Co(II) Complexes with Bis-Pyrazolo-S-Triazine Pincer Ligands, and Evaluation of Their Antimicrobial and Antioxidant Activities. <i>Molecules</i> , 2021, 26, 3633.	3.8	5
115	X-ray Single Crystal Structure, Tautomerism Aspect, DFT, NBO, and Hirshfeld Surface Analysis of a New Schiff Bases Based on 4-Amino-5-Indol-2-yl-1,2,4-Triazole-3-Thione Hybrid. <i>Crystals</i> , 2021, 11, 1041.	2.2	5
116	Synthesis, structure, X-ray photoelectron spectroscopy (XPS), and antimicrobial, anticancer, and antioxidant activities of Co (III) complexes based on the antihypertensive hydralazine. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	5
117	Straightforward green synthesis of indeno-furan carboxylates from ninhydrin and β -ketoesters: X-Ray crystal structure, Hirshfeld and DFT investigations. <i>Journal of Molecular Structure</i> , 2022, 1255, 132433.	3.6	5
118	A New Pt(II) Complex with Anionic s-Triazine Based NNO-Donor Ligand: Synthesis, X-ray Structure, Hirshfeld Analysis and DFT Studies. <i>Molecules</i> , 2022, 27, 1628.	3.8	5
119	Ag(I)-mediated hydrolysis of hydrazone to azine: Synthesis, X-ray structure, and biological investigations of two new Ag(I)-azine complexes. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	5
120	Synthesis, Spectroscopic Investigations (X-ray, NMR and TD-DFT), Antimicrobial Activity and Molecular Docking of 2,6-Bis(hydroxy(phenyl)methyl)cyclohexanone. <i>Molecules</i> , 2015, 20, 13240-13263.	3.8	4
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122	Synthesis, structural characterization, crystal structure and theoretical study of a Pd(II)-salen complex with propylene linkage. <i>Journal of Molecular Structure</i> , 2017, 1137, 310-319.	3.6	4
123	A novel synthesis, X-ray analysis and computational studies of (Z)-ethyl 2-((Z)-5-((dimethylamino)methylene)-4-oxo-3-phenylthiazolidin-2-ylidene)acetate as a potential anticancer agent. <i>BMC Chemistry</i> , 2019, 13, 35.	3.8	4
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125	Synthesis, X-Ray Structural Analysis and Computational Studies of a Novel Bis(2-Thienyl)Disulfide Derivative. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-9.	2.6	4
126	Synthesis, spectroscopic characterizations, biological activity, DNA-binding investigation combined with DFT studies of new proton-transfer complexes of 2,4-diaminopyrimidine with 2,6-dichloro-4-nitrophenol and 3,5-dinitrosalicylic acid. <i>Journal of Molecular Liquids</i> , 2022, 350, 118508.	4.9	4

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128	Low temperature X-ray molecular structure, tautomerism and spectral properties of 2,3-dihydroxyquinoxaline. <i>Journal of Molecular Structure</i> , 2013, 1053, 48-60.	3.6	3
129	DFT Study on the Biological Activity of Some N-Alkyl Substituted Thiourea Derivatives and Their Zinc Chloride Complexes. <i>Asian Journal of Chemistry</i> , 2014, 26, 1161-1164.	0.3	3
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137	Synthesis, X-ray Structure, Hirshfeld Analysis of Biologically Active Mn(II) Pincer Complexes Based on s-Triazine Ligands. <i>Crystals</i> , 2020, 10, 931.	2.2	3
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146	Synthesis and anti-Cancer Activity of a New Hybrid Based Spirooxindole-Pyrrolidine -Thiochromene Scaffolds <i>via</i> [3+2] Cycloaddition Reaction: Computational Investigation. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2302-2320.	2.6	3
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157	Synthesis of C ₂ -Symmetrical Bis-(¹ 2-Enamino-Pyran-2,4-dione) Derivative Linked <i>via</i> 1,6-Hexylene Spacer: X-ray Crystal Structures, Hirshfeld Studies and DFT Calculations of Mono- and Bis-(Pyran-2,4-diones) Derivatives. <i>Symmetry</i> , 2021, 13, 1646.	2.2	2
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160	Synthesis, and Molecular Structure Investigations of a New s-Triazine Derivatives Incorporating Pyrazole/Piperidine/Aniline Moieties. <i>Crystals</i> , 2021, 11, 1500.	2.2	2
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164	Synthesis, molecular structure, spectroscopic properties and stability of (Z)-N-methyl-C-2,4,6-trimethylphenylnitron. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1857-1868.	3.9	1
165	Theoretical Studies on Interaction Between CO ₂ Gas and Imidazolium-Type Organic Ionic Liquid Using DFT and Natural Bond Orbital Calculations. <i>Asian Journal of Chemistry</i> , 2016, 28, 116-120.	0.3	1
166	Synthesis, Crystal Structure and Hirshfeld Topology Analysis of Polymeric Silver(I) Complex with s-Triazine-Type Ligand. <i>Crystals</i> , 2017, 7, 160.	2.2	1
167	A new triazoloquinoxaline ligand and its polymeric 1D silver(i) complex: synthesis, structure, and antimicrobial activity. <i>New Journal of Chemistry</i> , 2018, 42, 7197-7205.	2.8	1
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176	Synthesis, Single Crystal X-ray, Hirshfeld and DFT Studies of 1,8-Dichloro-9,10-dihydro-9,10-ethanoanthracene-11-carboxylic Acid. <i>Crystals</i> , 2021, 11, 1161.	2.2	1
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178	Straightforward One-Pot Synthesis of New 4-Phenyl-1,2,5,6-tetraazafluoranthren-3(2H)-one Derivatives: X-ray Single Crystal Structure and Hirshfeld Analyses. <i>Crystals</i> , 2022, 12, 262.	2.2	1
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180	Synthesis of Unexpected Dimethyl 2-(4-Chlorophenyl)-2,3-dihydropyrrolo[2,1-a]isoquinoline-1,3-dicarboxylate via Hydrolysis/Cycloaddition/Elimination Cascades: Single Crystal X-ray and Chemical Structure Insights. <i>Crystals</i> , 2022, 12, 6.	2.2	1

