

Saied M Soliman

List of Publications by Year in descending order

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195
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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 and anti-Cancer Activity of a New Hybrid Based Spirooxindole-Pyrrolidine -Thiochromene Scaffolds via [3+2] Cycloaddition Reaction: Computational Investigation. Polycyclic Aromatic Compounds, 2023, 43, 2302-2320.	2.6	3
2	Synthesis, structure and biological evaluation of highly functionalized 2-azetidinone integrated spirooxindolopyrrolidine heterocyclic hybrid. Journal of Molecular Structure, 2022, 1250, 131745.	3.6	2
3	Regio- and stereoselective synthesis of spiro-heterocycles bearing the pyrazole scaffold via [3+2] cycloaddition reaction. Journal of Molecular Structure, 2022, 1250, 131711.	3.6	11
4	Stereoselective synthesis, structural determination, computational studies and antimicrobial activity of novel class of spiropyrroloquinoline engrafted ferrocenoindole hybrid heterocycle. Journal of Molecular Structure, 2022, 1252, 132131.	3.6	2
5	Synthesis, structure, X-ray photoelectron spectroscopy (XPS), and antimicrobial, anticancer, and antioxidant activities of Co (III) complexes based on the antihypertensive hydralazine. Applied Organometallic Chemistry, 2022, 36, .	3.5	5
6	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. Journal of Molecular Liquids, 2022, 350, 118508.	4.9	4
7	Straightforward green synthesis of indeno-furan carboxylates from ninhydrin and α^2 -ketoesters: X-Ray crystal structure, Hirshfeld and DFT investigations. Journal of Molecular Structure, 2022, 1255, 132433.	3.6	5
8	Synthesis, X-ray Structure, Hirshfeld, DFT and Biological Studies on a Quinazolinone-Nitrate Complex. Molecules, 2022, 27, 1089.	3.8	3
9	Synthesis, molecular and supramolecular structure aspects and biological evaluations of a novel [Ag ₂ (phthalazine)(NO ₃) ₂] _n 3D coordination polymer. Journal of Molecular Structure, 2022, 1257, 132592.	3.6	1
10	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. Crystals, 2022, 12, 262.	2.2	1
11	A New Pt(II) Complex with Anionic s-Triazine Based NNO-Donor Ligand: Synthesis, X-ray Structure, Hirshfeld Analysis and DFT Studies. Molecules, 2022, 27, 1628.	3.8	5
12	Synthesis, X-ray Structure, Antimicrobial and Anticancer Activity of a Novel [Ag(ethyl-3-quinolate) ₂ (citrate)] Complex. Crystals, 2022, 12, 356.	2.2	6
13	Synthesis, Molecular and Supramolecular Structure Aspects, and Antimicrobial Activity of the Centrosymmetric [Ag(5-Nitroquinoline) ₂](ClO ₄) Complex. Symmetry, 2022, 14, 547.	2.2	1
14	New bioactive 1D Ag(I) coordination polymers with pyrazole and triazine ligands; Synthesis, X-ray structure, Hirshfeld analysis and DFT studies. Inorganica Chimica Acta, 2022, 537, 120948.	2.4	12
15	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. Crystals, 2022, 12, 6.	2.2	1
16	[3+2] Cycloaddition Reaction for the Stereoselective Synthesis of a New Spirooxindole Compound Grafted Imidazo[2,1-b]thiazole Scaffold: Crystal Structure and Computational Study. Crystals, 2022, 12, 5.	2.2	3
17	Synthesis, X-ray, Hirshfeld, and AIM Studies on Zn(II) and Cd(II) Complexes with Pyridine Ligands. Crystals, 2022, 12, 590.	2.2	1
18	Synthesis, X-ray Structure and Biological Studies of New Self-Assembled Cu(II) Complexes Derived from s-Triazine Schiff Base Ligand. Molecules, 2022, 27, 2989.	3.8	7

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19	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
20	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
21	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
22	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
23	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
24	Synthesis and Structure Elucidation of Novel Spirooxindole Linked to Ferrocene and Triazole Systems via [3 + 2] Cycloaddition Reaction. <i>Molecules</i> , 2022, 27, 4095.	3.8	4
25	Synthesis of a Novel Unexpected Cu(II)-Thiazolidine Complex-X-ray Structure, Hirshfeld Surface Analysis, and Biological Studies. <i>Molecules</i> , 2022, 27, 4583.	3.8	3
26	Synthesis, Hirshfeld Surface Analysis and DFT Studies of Ethano-tetracyclic Tetracene Derivatives. <i>Journal of Chemical Crystallography</i> , 2021, 51, 196-204.	1.1	1
27	X-Ray structure, Hirshfeld analysis and DFT studies of two new hits of triazolyl-indole bearing alkylsulfanyl moieties. <i>Journal of Molecular Structure</i> , 2021, 1225, 129302.	3.6	3
28	Synthesis, X-ray structural determination and biological evaluation of novel ferrocene grafted spiroquinoxalinopyrrolidine. <i>Journal of Molecular Structure</i> , 2021, 1226, 129348.	3.6	2
29	Synthesis, X-ray structure, tautomerism aspect, and chemical insight of the 3-(1H-Indol-2-yl)-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazin-6-ol. <i>Journal of Molecular Structure</i> , 2021, 1227, 129429.	3.6	1
30	Stereo- and regioselective synthesis of novel β -lactam tethered spiropyrrrolizidine/pyrrolothiazole heterocyclic hybrids. <i>Tetrahedron</i> , 2021, 84, 132026.	1.9	3
31	Synthesis, and spectroscopic, nanostructure, surface morphology, and density functional theory studies of new charge-transfer complexes of amifampridine with π -acceptors. <i>Journal of Molecular Liquids</i> , 2021, 326, 115199.	4.9	11
32	Synthesis and X-ray crystal structure of unexpected novel thiazolidinone/1,3,4-thiadiazole heterocycle via S-alkylation and Smiles rearrangement dual approaches. <i>Journal of Molecular Structure</i> , 2021, 1234, 130156.	3.6	2
33	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
34	Molecular and Supramolecular Structures of Cd(II) Complexes with Hydralazine-Based Ligands; A New Example for Cyclization of Hydrazonophthalazine to Triazolophthalazine. <i>Crystals</i> , 2021, 11, 823.	2.2	3
35	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
36	Intramolecular Hydrogen Bond, Hirshfeld Analysis, AIM; DFT Studies of Pyran-2,4-dione Derivatives. <i>Crystals</i> , 2021, 11, 896.	2.2	9

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37	Synthesis, X-ray structure, Hirshfeld analysis and DFT studies of Ni(II) complexes with pyridine-type ligands and monoanionic (SCN ⁻ , N ₃ ⁻ and NO ₃ ⁻) ligands. <i>Journal of Molecular Structure</i> , 2021, 1236, 130325.	3.6	0
38	s-Triazine pincer ligands: Synthesis of their metal complexes, coordination behavior, and applications. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6317.	3.5	23
39	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
40	Synthesis and X-ray Crystal Structure of New Substituted 3,4-Bipyrazole Derivatives. Hirshfeld Analysis, DFT and NBO Studies. <i>Crystals</i> , 2021, 11, 953.	2.2	1
41	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
42	Synthesis of C ₂ -Symmetrical Bis-(² -Enamino-Pyran-2,4-dione) Derivative Linked via 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
43	DFT Calculation, Hirshfeld Analysis and X-ray Crystal Structure of Some Synthesized N-alkylated(S-alkylated)-[1,2,4]triazolo[1,5-a]quinazolines. <i>Crystals</i> , 2021, 11, 1195.	2.2	2
44	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
45	Synthesis, characterizations and conformational analysis of some new 2-arylidene N-(1,3-dioxisoindolin-2-yl)aminothiocarbohydrazides and their conversion to functionalized hybrids of isoindole core with thiadiazoline. <i>Journal of Molecular Structure</i> , 2021, 1245, 131230.	3.6	0
46	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
47	New Charge Transfer Complexes of K ⁺ -Channel-Blocker Drug (Amifampridine; AMFP) for Sensitive Detection; Solution Investigations and DFT Studies. <i>Molecules</i> , 2021, 26, 6037.	3.8	3
48	Molecular, Supramolecular Structures Combined with Hirshfeld and DFT Studies of Centrosymmetric M(II)-azido {M=Ni(II), Fe(II) or Zn(II)} Complexes of 4-Benzoylpyridine. <i>Symmetry</i> , 2021, 13, 2026.	2.2	3
49	X-ray Crystal Structure and Hirshfeld Analysis of Gem-Aminals-Based Morpholine, Pyrrolidine, and Piperidine Moieties. <i>Symmetry</i> , 2021, 13, 20.	2.2	3
50	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
51	Synthesis, X-ray Structure, Conformational Analysis, and DFT Studies of a Giant s-Triazine bis-Schiff Base. <i>Crystals</i> , 2021, 11, 1418.	2.2	0
52	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
53	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
54	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

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55	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
56	Synthesis, computational studies and biological activity of oxamohydrazone derivatives bearing isatin and ferrocene scaffolds. <i>Journal of Molecular Structure</i> , 2020, 1202, 127372.	3.6	5
57	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
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	Structure, Antimicrobial Activity, Hirshfeld Analysis, and Docking Studies of Three Silver(I) Complexes-Based Pyridine Ligands. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4853.	2.5	3
60	Synthesis of N-(Anthracen-9-ylmethyl)-N-methyl-2-(phenylsulfonyl)ethanamine via Microwave Green Synthesis Method: X-ray Characterization, DFT and Hirshfeld Analysis. <i>Crystals</i> , 2020, 10, 643.	2.2	3
61	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
62	N-Acetyl Indole Linked to a Fused Triazolo/Thiadiazole Scaffold: Synthesis, Single Crystal X-Ray Structure, and Molecular Insight. <i>Crystals</i> , 2020, 10, 600.	2.2	1
63	Novel one-dimensional polymeric Cu(II) complexes via Cu(II)-assisted hydrolysis of the 2,4-bis(3,5-dimethyl-1H-pyrazol-6-yl)-6-methoxy-1,3,5-triazine pincer ligand: Synthesis, structure, and antimicrobial activities. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5941.		
64	Synthesis Single Crystal X-ray Structure DFT Studies and Hirshfeld Analysis of New Benzylsulfanyl-Triazolyl-Indole Scaffold. <i>Crystals</i> , 2020, 10, 685.	2.2	4
65	Dinuclear uranyl coordination compound: Structural investigations and selective fluorescence sensing properties. <i>Polyhedron</i> , 2020, 189, 114745.	2.2	9
66	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
67	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
68	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
69	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
70	Synthesis of Enaminones-Based Benzo[d]imidazole Scaffold: Characterization and Molecular Insight Structure. <i>Crystals</i> , 2020, 10, 955.	2.2	2
71	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
72	Syntheses, structure, Hirshfeld analysis and antimicrobial activity of four new Co(II) complexes with s-triazine-based pincer ligand. <i>Inorganica Chimica Acta</i> , 2020, 510, 119753.	2.4	17

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73	Synthesis, structure and in vitro anticancer activity of Pd(II) complexes of mono- and bis-pyrazolyl-s-triazine ligands. <i>Polyhedron</i> , 2020, 187, 114665.	2.2	5
74	Molecular and supramolecular structures of self-assembled Cu(II) and Co(II) complexes with 4,4'-[6-(3,5-dimethyl-1H-pyrazol-1-yl)-1,3,5-triazine-2,4-diyl]dimorpholine ligand. <i>Journal of Molecular Structure</i> , 2020, 1219, 128584.	3.6	3
75	Synthesis, X-ray Single Crystal, Conformational Analysis and Cholinesterase Inhibitory Activity of a New Spiropyrolidine Scaffold Tethered Benzo[b]Thiophene Analogue. <i>Crystals</i> , 2020, 10, 120.	2.2	11
76	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
77	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
78	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
79	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
80	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
81	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
82	One-Pot Synthesis, X-ray Single Crystal and Molecular Insight of Enaminone-Based 1,2-Morpholino-/N-Methylpiperazinyl-/Pyrrolidinylpropiophenone. <i>Crystals</i> , 2020, 10, 282.	2.2	1
83	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
84	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
85	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
86	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
87	Synthesis, structure and Hirshfeld analysis of the potent antimicrobial [Ag(4-bromopyrazole) ₂ ClO ₄] complex. <i>Polyhedron</i> , 2019, 171, 323-329.	2.2	2
88	Syntheses and X-ray crystal structures combined with conformational and Hirshfeld analyses of chalcones based on a cyclohexanone scaffold. <i>Journal of Molecular Structure</i> , 2019, 1198, 126873.	3.6	2
89	Anticancer Indole-Based Chalcones: A Structural and Theoretical Analysis. <i>Molecules</i> , 2019, 24, 3728.	3.8	12
90	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

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91	Bis-pyrazolyl-s-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
92	Cu(II)-promoted cyclization of hydrazonophthalazine to triazolophthalazine; Synthesis and structure diversity of six novel Cu(II)-triazolophthalazine complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4992.	3.5	3
93	Synthesis, Molecular and Supramolecular Structures of New Cd(II) Pincer-Type Complexes with s-TriazineCore Ligand. <i>Crystals</i> , 2019, 9, 226.	2.2	19
94	Synthesis, X-ray structure, and DFT studies of five- and eight-coordinated Cd(II) complexes with s-triazine-pincer chelate. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1621-1636.	2.2	19
95	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
96	Applicability of NBO and AIM Topology Analyses to Chemical Bonding in Some Diacetylplatinum(II) Complexes. <i>Asian Journal of Chemistry</i> , 2019, 31, 925-937.	0.3	1
97	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
98	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
99	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
100	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
101	Synthesis, X-ray Crystal Structure and Antimicrobial Activity of Unexpected Trinuclear Cu(II) Complex from s-Triazine-Based Di-Compartmental Ligand via Self-Assembly. <i>Crystals</i> , 2019, 9, 661.	2.2	1
102	Synthesis and structure diversity of high coordination number Cd(II) complexes of large s-triazine bis-Schiff base pincer chelate. <i>Inorganica Chimica Acta</i> , 2019, 488, 131-140.	2.4	15
103	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
104	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
105	Two heptacoordinated manganese(II) complexes of giant pentadentate s-triazine bis-Schiff base ligand: Synthesis, crystal structure, biological and DFT studies. <i>Inorganica Chimica Acta</i> , 2018, 479, 275-285.	2.4	21
106	New hybrid of the barbituric acid motif: synthesis, X-ray single crystal, DFT, and Hirshfeld surface analyses. <i>Research on Chemical Intermediates</i> , 2018, 44, 4213-4225.	2.7	3
107	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
108	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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109	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
110	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
111	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
112	Analytical Studies of 6-Hydroxy-5-[(2-hydroxy-6-oxocyclohex-1-en-1-yl)(2-nitrophenyl)methyl]-1,3-dimethylpyrimidine-2,4(1H,3H)-dione of General Chemistry, 2018, 88, 2381-2387.	0.8	0
113	Crystal structure of 6-hydroxy-5-[(2-hydroxy-6-oxocyclohex-1-en-1-yl)(4-methoxyphenyl)methyl]-1,3-dimethylpyrimidine-2,4(1H,3H)-dione. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 747-749.		0
114	Chemical reactivity, molecular structure, spectroscopic and DFT computational studies of spiro-heterocycle incorporating furan ring. <i>Materials Express</i> , 2018, 8, 335-344.	0.5	1
115	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
116	Synthesis, characterization, and structural studies of two heteroleptic Mn(II) complexes with tridentate N,N,N'-pincer type ligand. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2373-2388.	2.2	22
117	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
118	Synthesis, Crystal Structure and DFT Studies of a New Dinuclear Ag(I)-Malonamide Complex. <i>Molecules</i> , 2018, 23, 888.	3.8	7
119	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
120	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
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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	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
124	Intermolecular interactions in crystal structure, Hirshfeld surface, characterization, DFT and thermal analysis of 5-((5-bromo-1H-indol-3-yl)methylene)-1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione of General Chemistry, 2018, 88, 2381-2387.	0.8	0
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128	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
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135	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
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139	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
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146	Crystal structure of 2-(bis(methylthio)methylene)-1-phenylbutane-1,3-dione, C ₁₃ H ₁₄ O ₂ S ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 473-474.	0.3	0
147	Molecular Structure, Spectroscopic and DFT Computational Studies of Arylidene-1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione. <i>Crystals</i> , 2016, 6, 110.	2.2	2
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158	Quantum Chemical Calculations on Molecular Structure and Non-Linear Optical Properties of Some Schiff Bases. <i>Asian Journal of Chemistry</i> , 2015, 27, 3663-3666.	0.3	0
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161	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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167	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
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171	Synthesis of two new silver(I) complexes with 3-bromoquinoline: Molecular structure, spectroscopic characterizations and DFT studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 352-362.	3.9	3
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178	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
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#	ARTICLE	IF	CITATIONS
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183	Molecular structure and spectral properties of ethyl 3-quinolinecarboxylate (E3Q) and [Ag(E3Q) ₂ (TCA)] complex (TCA=Trichloroacetate). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 130, 453-465.	3.9	2
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