

Muhammad Ashfaq

List of Publications by Year in descending order

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137
papers

4,184
citations

109321

35
h-index

155660

55
g-index

137
all docs

137
docs citations

137
times ranked

2674
citing authors

#	ARTICLE	IF	CITATIONS
1	Global risk of pharmaceutical contamination from highly populated developing countries. <i>Chemosphere</i> , 2015, 138, 1045-1055.	8.2	212
2	Adsorption of Brilliant Green dye from aqueous solution onto red clay. <i>Chemical Engineering Journal</i> , 2013, 228, 54-62.	12.7	175
3	Recent advances on oxygen reduction electrocatalysis: Correlating the characteristic properties of metal organic frameworks and the derived nanomaterials. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118570.	20.2	147
4	Fate and mass balance of bisphenol analogues in wastewater treatment plants in Xiamen City, China. <i>Environmental Pollution</i> , 2017, 225, 542-549.	7.5	138
5	PPCPs in Jiulong River estuary (China): Spatiotemporal distributions, fate, and their use as chemical markers of wastewater. <i>Chemosphere</i> , 2016, 150, 596-604.	8.2	127
6	Synthesis, crystal structure, theoretical calculation, spectroscopic and antibacterial activity studies of copper(II) complexes bearing bidentate schiff base ligands derived from 4-aminoantipyrine: Influence of substitutions on antibacterial activity. <i>Journal of Molecular Structure</i> , 2021, 1230, 129908.	3.6	87
7	Effect of metal atom in zeolitic imidazolate frameworks (ZIF-8 & 67) for removal of Pb ²⁺ & Hg ²⁺ from water. <i>Food and Chemical Toxicology</i> , 2021, 149, 112008.	3.6	86
8	Synthesis, spectral characterization, crystal structure determination and antimicrobial activity of Ni(II), Cu(II) and Zn(II) complexes with the Schiff base ligand derived from 3,5-dibromosalicylaldehyde. <i>Journal of Molecular Structure</i> , 2021, 1229, 129842.	3.6	82
9	Occurrence and ecological risk assessment of fluoroquinolone antibiotics in hospital waste of Lahore, Pakistan. <i>Environmental Toxicology and Pharmacology</i> , 2016, 42, 16-22.	4.0	78
10	Synthesis, characterization, crystal structures, DFT, TD-DFT, molecular docking and DNA binding studies of novel copper(II) and zinc(II) complexes bearing halogenated bidentate N,O-donor Schiff base ligands. <i>Polyhedron</i> , 2021, 195, 114988.	2.2	76
11	Synthesis, spectral characterization, crystal structure and antibacterial activity of nickel(II), copper(II) and zinc(II) complexes containing ONNO donor Schiff base ligands. <i>Journal of Molecular Structure</i> , 2021, 1233, 130112.	3.6	75
12	Novel copper(II) and zinc(II) complexes of halogenated bidentate N,O-donor Schiff base ligands: Synthesis, characterization, crystal structures, DNA binding, molecular docking, DFT and TD-DFT computational studies. <i>Inorganica Chimica Acta</i> , 2021, 514, 120004.	2.4	74
13	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
14	Efficient Synthesis, SC-XRD, and Theoretical Studies of <i>o</i> -Benzenesulfonylated Pyrimidines: Role of Noncovalent Interaction Influence in Their Supramolecular Network. <i>ACS Omega</i> , 2020, 5, 15115-15128.	3.5	65
15	Synthesis, characterization, crystal structures, Hirshfeld surface analysis, DFT computational studies and catalytic activity of novel oxovanadium and dioxomolybdenum complexes with ONO tridentate Schiff base ligand. <i>Polyhedron</i> , 2021, 202, 115194.	2.2	62
16	Synthesis of a 2D copper(II)-carboxylate framework having ultrafast adsorption of organic dyes. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 43-54.	9.4	61
17	Rationalizing the stability and interactions of 2,4-diamino-5-(4-chlorophenyl)-6-ethylpyrimidin-1-ium 2-hydroxy-3,5-dinitrobenzoate salt. <i>Journal of Molecular Structure</i> , 2019, 1193, 185-194.	3.6	60
18	DFT and single crystal analysis of the pyrimethamine-based novel co-crystal salt: 2,4-diamino-5-(4-chloro-phenyl)-6-ethylpyrimidin-1-ium:4-hydroxybenzoate:methanol:hydrate (1:1:1:1) (DEHMH). <i>Journal of Molecular Structure</i> , 2020, 1199, 127041.	3.6	59

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19	Novel oxovanadium and dioxomolybdenum complexes of tridentate ONO-donor Schiff base ligand: Synthesis, characterization, crystal structures, Hirshfeld surface analysis, DFT computational studies and catalytic activity for the selective oxidation of benzylic alcohols. <i>Inorganica Chimica Acta</i> , 2021, 523, 120414.	2.4	56
20	Recurrent π - π stacking motifs in three new 4,5-dihydropyrazolyl-thiazole coumarin hybrids: X-ray characterization, Hirshfeld surface analysis and DFT calculations. <i>New Journal of Chemistry</i> , 2020, 44, 14592-14603.	2.8	54
21	Synthesis and Biological Activities of Organotin(IV) Complexes as Antitumoral and Antimicrobial Agents. A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 406-426.	2.4	51
22	Ultrasound-based synthesis, SC-XRD, NMR, DFT, HSA of new Schiff bases derived from 2-aminopyridine: Experimental and theoretical studies. <i>Journal of Molecular Structure</i> , 2021, 1233, 130105.	3.6	50
23	Some new Cu(II) complexes containing O,N-donor Schiff base ligands derived from 4-aminoantipyrine: synthesis, characterization, crystal structure and substitution effect on antimicrobial activity. <i>Journal of Coordination Chemistry</i> , 2021, 74, 1534-1549.	2.2	49
24	Simultaneous analysis of 45 pharmaceuticals and personal care products in sludge by matrix solid-phase dispersion and liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4953-4964.	3.7	48
25	Nickel(II), copper(II) and zinc(II) complexes containing symmetrical Tetradentate Schiff base ligand derived from 3,5-diiodosalicylaldehyde: Synthesis, characterization, crystal structure and antimicrobial activity. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2493-2503.	2.2	48
26	Facile Ultrasound-Based Synthesis, SC-XRD, DFT Exploration of the Substituted Acyl-Hydrazones: An Experimental and Theoretical Slant towards Supramolecular Chemistry. <i>ChemistrySelect</i> , 2020, 5, 14844-14856.	1.5	47
27	Titanium(IV) complex containing ONO-tridentate Schiff base ligand: Synthesis, crystal structure determination, Hirshfeld surface analysis, spectral characterization, theoretical and computational studies. <i>Journal of Molecular Structure</i> , 2021, 1241, 130653.	3.6	47
28	Synthesis, spectroscopic characterization, X-ray crystal structure, antimicrobial, DNA-binding, alkaline phosphatase and insulin-mimetic studies of oxidovanadium(IV) complexes of azomethine precursors. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2275-2300.	2.2	46
29	Single crystal investigation, Hirshfeld surface analysis and DFT exploration of the pyrimethamine-based novel organic salt: 2, 4-diamino-5-(4-chlorophenyl)-6-ethylpyrimidin-1-ium 3-carboxybenzoate hydrate (1:1:1). <i>Journal of Molecular Structure</i> , 2021, 1224, 129309.	3.6	46
30	Synthesis of Diaminopyrimidine Sulfonate Derivatives and Exploration of Their Structural and Quantum Chemical Insights via SC-XRD and the DFT Approach. <i>ACS Omega</i> , 2021, 6, 7047-7057.	3.5	46
31	Synthesis, spectral characterization, SC-XRD, HSA, DFT and catalytic activity of novel dioxovanadium(V) complex with aminobenzohydrazone Schiff base ligand: An experimental and theoretical approach. <i>Inorganica Chimica Acta</i> , 2021, 526, 120535.	2.4	46
32	Binuclear Zn(II) Schiff base complexes: Synthesis, spectral characterization, theoretical studies and antimicrobial investigations. <i>Inorganica Chimica Acta</i> , 2022, 530, 120677.	2.4	46
33	Single-Crystal Investigation, Hirshfeld Surface Analysis, and DFT Study of Third-Order NLO Properties of Unsymmetrical Acyl Thiourea Derivatives. <i>ACS Omega</i> , 2021, 6, 31211-31225.	3.5	46
34	Diverse coordination of isoniazid hydrazone Schiff base ligand towards iron(III): Synthesis, characterization, SC-XRD, HSA, QTAIM, MEP, NCI, NBO and DFT study. <i>Journal of Molecular Structure</i> , 2022, 1250, 131691.	3.6	44
35	Occurrence and fate of bisphenol A transformation products, bisphenol A monomethyl ether and bisphenol A dimethyl ether, in wastewater treatment plants and surface water. <i>Journal of Hazardous Materials</i> , 2018, 357, 401-407.	12.4	42
36	Adsorption characteristics of paracetamol removal onto activated carbon prepared from Cannabis sativum Hemp. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 7203-7212.	6.4	39

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37	Biophysical probing of antibacterial Gemifloxacin assimilated in surfactant mediated molecular assemblies. <i>Journal of Molecular Liquids</i> , 2014, 200, 361-368.	4.9	36
38	Pyrimethamine-Based Novel Co-Crystal Salt: Synthesis, Single-Crystal Investigation, Hirshfeld surface analysis and DFT inspection of the 2,4-diamino-5-(4-chlorophenyl)-6-ethylpyrimidin-1-ium 2,4-dichlorobenzoate (1:1) (DECB). <i>Journal of Molecular Structure</i> , 2021, 1235, 130215.	3.6	35
39	Occurrence, seasonal variation and risk evaluation of selected endocrine disrupting compounds and their transformation products in Jiulong river and estuary, China. <i>Marine Pollution Bulletin</i> , 2019, 145, 370-376.	5.0	34
40	Pyridine Scaffolds, Phenols and Derivatives of Azo Moiety: Current Therapeutic Perspectives. <i>Molecules</i> , 2021, 26, 4872.	3.8	34
41	Unsymmetrical Ni(II) Schiff base complex: Synthesis, spectral characterization, crystal structure analysis, Hirshfeld surface investigation, theoretical studies, and antibacterial activity. <i>Journal of Molecular Structure</i> , 2022, 1265, 133381.	3.6	34
42	Selective oxidation of benzyl alcohols to benzaldehydes catalyzed by dioxomolybdenum Schiff base complex: synthesis, spectral characterization, crystal structure, theoretical and computational studies. <i>Transition Metal Chemistry</i> , 2021, 46, 437.	1.4	33
43	Monitoring and mass balance analysis of endocrine disrupting compounds and their transformation products in an anaerobic-anoxic-oxic wastewater treatment system in Xiamen, China. <i>Chemosphere</i> , 2018, 204, 170-177.	8.2	32
44	O-4-Acetyl-amino-benzenesulfonylated pyrimidine derivatives: synthesis, SC-XRD, DFT analysis and electronic behaviour investigation. <i>Journal of Molecular Structure</i> , 2021, 1224, 129308.	3.6	32
45	DFT and single-crystal investigation of the pyrimethamine-based novel co-crystal salt: 2,4-diamino-5-(4-chlorophenyl)-6-ethylpyrimidin-1-ium-4-methylbenzoate hydrate (1:1:1) (DEMH). <i>Journal of Molecular Structure</i> , 2021, 1228, 129445.	3.6	32
46	Non-covalent interactions abetted supramolecular arrangements of N-Substituted benzylidene acetohydrazide to direct its solid-state network. <i>Journal of Molecular Structure</i> , 2021, 1230, 129827.	3.6	32
47	Sonication-assisted synthesis of new Schiff bases derived from 3-ethoxysalicylaldehyde: Crystal structure determination, Hirshfeld surface analysis, theoretical calculations and spectroscopic studies. <i>Journal of Molecular Structure</i> , 2021, 1243, 130782.	3.6	32
48	Synthesis, crystal structure, Hirshfeld surface investigation and comparative DFT studies of ethyl 2-[2-(2-nitrobenzylidene)hydrazinyl]thiazole-4-carboxylate. <i>BMC Chemistry</i> , 2022, 16, 18.	3.8	32
49	Efficient removal of norfloxacin by MOF@GO composite: isothermal, kinetic, statistical, and mechanistic study. <i>Toxin Reviews</i> , 2021, 40, 915-927.	3.4	31
50	Synthesis, spectral characterization, crystal structures, biological activities, theoretical calculations and substitution effect of salicylidene ligand on the nature of mono and dinuclear Zn(II) Schiff base complexes. <i>Polyhedron</i> , 2022, 213, 115636.	2.2	30
51	2-Amino-6-methylpyridine based co-crystal salt formation using succinic acid: Single-crystal analysis and computational exploration. <i>Journal of Molecular Structure</i> , 2021, 1230, 129893.	3.6	29
52	Synthesis, spectral characterization, SC-XRD, HSA, DFT and catalytic activity of a dioxidomolybdenum complex with aminosalicyl-hydrazone Schiff base ligand: An experimental and theoretical approach. <i>Polyhedron</i> , 2021, 208, 115428.	2.2	29
53	Experimental and theoretical studies of new dioxomolybdenum complex: Synthesis, characterization and application as an efficient homogeneous catalyst for the selective sulfoxidation. <i>Inorganica Chimica Acta</i> , 2021, 527, 120568.	2.4	28
54	Synthesis, crystal structure, spectral characterization, theoretical and computational studies of Ni(II), Cu(II) and Zn(II) complexes incorporating Schiff base ligand derived from 4-(diethylamino)salicylaldehyde. <i>Inorganica Chimica Acta</i> , 2022, 536, 120878.	2.4	28

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55	Synthesis and characterization of water stable polymeric metallo organic composite (PMOC) for the removal of arsenic and lead from brackish water. <i>Toxin Reviews</i> , 2022, 41, 577-587.	3.4	27
56	Zn(II) complexes containing O,N,N,O-donor Schiff base ligands: synthesis, crystal structures, spectral investigations, biological activities, theoretical calculations and substitution effect on structures. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2720-2740.	2.2	27
57	Synthesis, spectral characterization, crystal structure and catalytic activity of a novel dioxomolybdenum Schiff base complex containing 4-aminobenzhydrazone ligand: A combined experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2022, 1249, 131645.	3.6	27
58	Symmetrical Pd(II) and Ni(II) Schiff base complexes: Synthesis, crystal structure determination, spectral characterization, and theoretical studies. <i>Journal of Molecular Structure</i> , 2022, 1251, 132037.	3.6	26
59	Synthesis of Crystalline Fluoro-Functionalized Imines, Single Crystal Investigation, Hirshfeld Surface Analysis, and Theoretical Exploration. <i>ACS Omega</i> , 2022, 7, 9867-9878.	3.5	26
60	Antiradical, antimicrobial and enzyme inhibition evaluation of sulfonamide derived esters; synthesis, X-Ray analysis and DFT studies. <i>Journal of Molecular Structure</i> , 2019, 1175, 379-388.	3.6	25
61	Current Pharmaceutical Aspects of Synthetic Quinoline Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 1152-1172.	2.4	25
62	Synthesis, X-ray diffraction analysis, quantum chemical studies and α -amylase inhibition of probenecid derived <i>S</i> -alkylphthalimide-oxadiazole-benzenesulfonamide hybrids. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1464-1478.	5.2	24
63	Determination of Commonly Used Pharmaceuticals in Hospital Waste of Pakistan and Evaluation of Their Ecological Risk Assessment. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1500392.	1.1	23
64	Spectroscopic investigation, molecular structure, catalytic activity with computational studies of a novel Pd(II) complex incorporating unsymmetrical tetradentate Schiff base ligand. <i>Inorganic Chemistry Communication</i> , 2022, 142, 109697.	3.9	23
65	pH-dependent probing of levofloxacin assimilated in surfactant mediated assemblies: Insights from photoluminescent and chromatographic measurements. <i>Journal of Molecular Liquids</i> , 2016, 220, 26-32.	4.9	22
66	Green Synthesis, SC-XRD, Non-Covalent Interactive Potential and Electronic Communication via DFT Exploration of Pyridine-Based Hydrazone. <i>Crystals</i> , 2020, 10, 778.	2.2	22
67	X-ray characterization, Hirshfeld surface analysis, DFT calculations, <i>in vitro</i> and <i>in silico</i> lipoxygenase inhibition (LOX) studies of dichlorophenyl substituted 3-hydroxy-chromenones. <i>New Journal of Chemistry</i> , 2021, 45, 19928-19940.	2.8	22
68	Imine-based Zwitterion: Synthesis, single-crystal characterization, and computational investigation. <i>Journal of Molecular Structure</i> , 2022, 1253, 132237.	3.6	22
69	Crystal engineering with pyrazolyl-thiazole derivatives: structure-directing role of π -stacking and π -hole interactions. <i>CrystEngComm</i> , 2021, 23, 3276-3287.	2.6	21
70	Single crystal inspection, Hirshfeld surface investigation and DFT study of a novel derivative of 4-fluoroaniline: 4-((4-fluorophenyl)amino)-4-oxobutanoic acid (BFAOB). <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 1953-1961.	2.2	21
71	Pd(II) and Ni(II) complexes containing ONNO tetradentate Schiff base ligand: Synthesis, crystal structure, spectral characterization, theoretical studies, and use of PdL as an efficient homogeneous catalyst for Suzuki-Miyaura cross-coupling reaction. <i>Polyhedron</i> , 2022, 213, 115622.	2.2	21
72	Physicochemical investigation of antibacterial Moxifloxacin interacting with quaternary ammonium disinfectants. <i>Fluid Phase Equilibria</i> , 2015, 406, 47-54.	2.5	20

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73	Simultaneous determination of dexamethasone and moxifloxacin in pharmaceutical formulations using stability indicating HPLC method. <i>Arabian Journal of Chemistry</i> , 2017, 10, 321-328.	4.9	20
74	Synthesis, characterization, SC-XRD, HSA and DFT study of a novel copper(I) iodide complex with 2-(thiophen-2-yl)-4,5-dihydro-1H-imidazole ligand: An experimental and theoretical approach. <i>Journal of Molecular Structure</i> , 2022, 1253, 132264.	3.6	20
75	Syntheses, single crystal X-ray structure, Hirshfeld surface analyses, DFT computations and Monte Carlo simulations of New Eugenol derivatives bearing 1,2,3-triazole moiety. <i>Journal of Molecular Structure</i> , 2021, 1234, 130189.	3.6	19
76	Synthesis, crystal structure determination, Hirshfeld surface analysis, spectral characterization, theoretical and computational studies of titanium(IV) Schiff base complex. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2682-2700.	2.2	19
77	Synthesis, characterization and DFT calculated properties of electron-rich hydrazinylthiazoles: Experimental and computational synergy. <i>Journal of Molecular Structure</i> , 2021, 1245, 131043.	3.6	19
78	Synthesis, spectroscopic characterization, single crystal XRD, Hirshfeld Surface analysis and theoretical studies (DFT) of 4-adamantyl-(2-(substitutedbenzylidene)hydrazinyl)thiazoles. <i>Journal of Molecular Structure</i> , 2022, 1267, 133620.	3.6	19
79	Impact of I-leucine on controlled release of ciprofloxacin through micellar catalyzed channels in aqueous medium. <i>Journal of Molecular Liquids</i> , 2015, 212, 142-150.	4.9	18
80	Diaryl azo derivatives as anti-diabetic and antimicrobial agents: synthesis, <i>in vitro</i> , kinetic and docking studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1508-1519.	5.2	18
81	Exploration of structural, electronic and third order nonlinear optical properties of crystalline chalcone systems: Monoarylidene and unsymmetrical diarylidene cycloalkanones. <i>Journal of Molecular Structure</i> , 2021, 1241, 130685.	3.6	18
82	Shedding Light on the Synthesis, Crystal Structure, Characterization, and Computational Study of Optoelectronic Properties and Bioactivity of Imine derivatives. <i>ACS Omega</i> , 2022, 7, 5217-5230.	3.5	18
83	Synthesis, crystal structure, spectral characterization, catalytic studies and computational studies of Ni(II) and Pd(II) complexes of symmetrical tetradentate Schiff base ligand. <i>Journal of Coordination Chemistry</i> , 2022, 75, 972-993.	2.2	18
84	Synthetic approach to achieve halo imine units: Solid-state assembly, DFT based electronic and non linear optical behavior. <i>Chemical Physics Letters</i> , 2022, 803, 139843.	2.6	18
85	SIMULTANEOUS QUANTITATION OF OLMESARTAN MEDOXOMIL AND AMLODIPINE BESYLATE IN COMBINED TABLETS USING HPLC. <i>Journal of the Chilean Chemical Society</i> , 2009, 54, .	1.2	17
86	Stabilization of Supramolecular Assembly of N-Substituted Benzylidene Acetohydrazide Analogs by Non-Covalent Interactions: A Concise Experimental and Theoretical Approach. <i>ChemistrySelect</i> , 2020, 5, 10618-10631.	1.5	17
87	Synthesis, crystal structure, Hirshfeld surface analysis and theoretical investigation of polynuclear coordination polymers of cobalt and manganese complexes with nitrobenzene and pyrazine. <i>Journal of Molecular Structure</i> , 2022, 1250, 131851.	3.6	16
88	Synthesis, characterization and <i>in vitro</i> cytotoxic effects of new organotin(IV)-2-maleimidopropanoates. <i>Applied Organometallic Chemistry</i> , 2006, 20, 463-470.	3.5	15
89	DEVELOPMENT AND VALIDATION OF LIQUID CHROMATOGRAPHIC METHOD FOR GATIFLOXACIN AND KETOROLAC TROMETHAMINE IN COMBINED DOSAGE FORM. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 651-661.	1.0	15
90	Thermodynamic Characteristics and Spectral-Luminescent Properties of N-m-Tolylbenzamide in Microheterogeneous Surfactant Self-Assemblies. <i>Journal of Solution Chemistry</i> , 2014, 43, 632-647.	1.2	15

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91	Preparation, QAIM and Single-Crystal Exploration of the Pyrimethamine-Based Co-Crystal Salts with Substituted Benzoic Acids. <i>ChemistrySelect</i> , 2022, 7, .	1.5	15
92	Synthesis, molecular docking and biological evaluation of novel phthaloyl derivatives of 3-amino-3-aryl propionic acids as inhibitors of <i>Trypanosoma cruzi</i> trans-sialidase. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 252-268.	5.5	14
93	Removal of decidedly lethal metal arsenic from water using metal organic frameworks: a critical review. <i>Reviews in Inorganic Chemistry</i> , 2022, 42, 197-227.	4.1	14
94	Synthesis, single-crystal exploration, hirshfeld surface analysis, and DFT investigation of the thiosemicarbazones. <i>Journal of Molecular Structure</i> , 2022, 1262, 133088.	3.6	14
95	In vivo toxicological effects and spectral studies of organotin(IV)N-maleoylglycinates. <i>Applied Organometallic Chemistry</i> , 2005, 19, 132-139.	3.5	13
96	Synthesis, single-crystal exploration, and theoretical insights of arylsulfonylated 2-amino-6-methylpyrimidin derivatives. <i>Journal of Molecular Structure</i> , 2021, 1243, 130789.	3.6	13
97	Single crystal exploration, supramolecular behaviour, Hirshfeld surface analysis, linear and non-linear theoretical optical properties of Schiff bases derived from Benzene sulfonamides. <i>Journal of Molecular Structure</i> , 2022, 1261, 132952.	3.6	13
98	Stability indicating HPLC method for the simultaneous determination of ofloxacin and ketorolac tromethamine in pharmaceutical formulations. <i>Analytical Methods</i> , 2012, 4, 2121.	2.7	12
99	SIMULTANEOUS DETERMINATION OF PIROXICAM AND PARACETAMOL IN PHARMACEUTICAL FORMULATIONS USING STABILITY INDICATING HPLC METHOD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1437-1450.	1.0	12
100	Recent developments in <i>trans</i> -sialidase inhibitors of <i>Trypanosoma cruzi</i> . <i>Journal of Drug Targeting</i> , 2017, 25, 485-498.	4.4	12
101	Stability indicating HPLC method for simultaneous determination of moxifloxacin hydrochloride and ketorolac tromethamine in pharmaceutical formulations. <i>Quimica Nova</i> , 2012, 35, 1216-1221.	0.3	11
102	Design, Synthesis and Spectroscopic Characterizations of Medicinal Hydrazone Derivatives and Metal Complexes of Malonic Ester. <i>Current Bioactive Compounds</i> , 2023, 19, .	0.5	11
103	Simultaneous estimation of rosuvastatin and amlodipine in pharmaceutical formulations using stability indicating HPLC method. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 629-638.	1.2	10
104	Theoretical studies, Hirshfeld surface analysis, and crystal structure determination of a newly synthesized benzothiazole copper(II) complex. <i>Journal of Molecular Structure</i> , 2022, 1261, 132905.	3.6	10
105	Structural and computational analysis, spectroscopic and electrochemical elucidation of a Schiff base. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3845-3860.	2.2	10
106	2-D PAGE analysis of pesticide-induced stress proteins of <i>E. coli</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 946-950.	3.7	9
107	Synthesis, crystal structure, Hirshfeld surface and void analysis of bis(1/4²-4-aminobenzoato- η^2) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td (O_5); Q_9) dihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 282-286.	0.5	9
108	High-Performance Liquid Chromatography Determination of Latanoprost in Pharmaceutical Formulations using UV Detection. <i>Analytical Letters</i> , 2006, 39, 2235-2242.	1.8	8

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109	Direct arylation (hetero-coupling) of heteroarenes via unsymmetrical palladium-PEPPSI-NHC type complexes. <i>Polyhedron</i> , 2021, 208, 115412.	2.2	8
110	Recent Advances in Transition Metal Free Synthetic Protocols for Quinoline Derivatives. <i>Current Organic Chemistry</i> , 2020, 24, 1815-1852.	1.6	8
111	Synthesis, characterization and magnetic studies for a series of compounds having a trinuclear bimetallic Cu ₂ (II)/Ln(III) system. <i>Polyhedron</i> , 2020, 186, 114605.	2.2	7
112	(1E,4E)-1,5-Bis(4-methylphenyl)penta-1,4-dien-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1413-o1413.	0.2	6
113	Simultaneous RP-HPLC determination of sparfloxacin and dexamethasone in pharmaceutical formulations. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 301-309.	1.2	4
114	Tetraaquabis[2-(2-nitrophenyl)acetato- λ^3 O]cobalt(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, m59-m60.	0.5	4
115	Synthesis and description of intermolecular interactions in new sulfonamide derivatives of tranexamic acid. <i>Journal of Molecular Structure</i> , 2016, 1103, 271-280.	3.6	4
116	N-[4-(p-Toluenesulfonamido)phenylsulfonyl]acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o299-o299.	0.2	4
117	4-[(4-Methylbenzenesulfonamido)methyl]cyclohexanecarboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1563-o1563.	0.2	3
118	4-[(4-Methoxybenzenesulfonamido)methyl]cyclohexane-1-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2248-o2249.	0.2	3
119	Stability-indicating RP-HPLC method for simultaneous determination of gatifloxacin and flurbiprofen in binary combination.. <i>Quimica Nova</i> , 2014, 37, .	0.3	3
120	Recent Advances in Transition Metal Mediated Synthetic Approaches to Quinoline Derivatives. <i>Letters in Organic Chemistry</i> , 2021, 18, 669-686.	0.5	3
121	Pharmaceutical organic salt: Disordered crystal structure of levofloxacin with λ^3 -resorcylic acid. <i>European Journal of Chemistry</i> , 2021, 12, 323-328.	0.6	3
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