

Muhammad Ashfaq

List of Publications by Year in descending order

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137
papers

4,184
citations

109321

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	Imine-based Zwitterion: Synthesis, single-crystal characterization, and computational investigation. <i>Journal of Molecular Structure</i> , 2022, 1253, 132237.	3.6	22
14	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
15	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
16	Synthesis, crystal structure, Hirshfeld surface and void analysis of bis(1/4₂-4-aminobenzoato-1 ²) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (<i>O</i>:<i>O</i>)²bis[bis(4-aminobenzoyl)ammonium]dihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 282-286.	0.5	9
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	O-4-Acetylamino-benzenesulfonylated pyrimidine derivatives: synthesis, SC-XRD, DFT analysis and electronic behaviour investigation. <i>Journal of Molecular Structure</i> , 2021, 1224, 129308.	3.6	32
33	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
34	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
35	Development of an efficient, one-pot, multicomponent protocol for synthesis of 8-hydroxy-4-phenyl-1,2-dihydroquinoline derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 534-547. ^{2.6}		2
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	Current Pharmaceutical Aspects of Synthetic Quinoline Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 1152-1172.	2.4	25
51	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
52	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
53	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
54	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

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55	Recent Advances in Transition Metal Mediated Synthetic Approaches to Quinoline Derivatives. <i>Letters in Organic Chemistry</i> , 2021, 18, 669-686.	0.5	3
56	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
57	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
58	Pyridine Scaffolds, Phenols and Derivatives of Azo Moiety: Current Therapeutic Perspectives. <i>Molecules</i> , 2021, 26, 4872.	3.8	34
59	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
60	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
61	Heavy Metals Occurrence, Seasonal Variation and Enrichment in Urban Soils Augmented with Industrial Waste. <i>Polish Journal of Environmental Studies</i> , 2021, 30, 4871-4886.	1.2	2
62	Pharmaceutical organic salt: Disordered crystal structure of levofloxacin with β -resorcylic acid. <i>European Journal of Chemistry</i> , 2021, 12, 323-328.	0.6	3
63	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
64	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
65	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
66	Direct arylation (hetero-coupling) of heteroarenes via unsymmetrical palladium-PEPPSI-NHC type complexes. <i>Polyhedron</i> , 2021, 208, 115412.	2.2	8
67	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
68	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
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	7-Hydroxy-4-phenyl-1, 2-dihydroquinoline derivatives: synthesis via one-pot, three-component reaction and structure elucidation. <i>Heliyon</i> , 2020, 6, e05035.	3.2	1
83	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
84	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
85	Recent Advances in Transition Metal Free Synthetic Protocols for Quinoline Derivatives. <i>Current Organic Chemistry</i> , 2020, 24, 1815-1852.	1.6	8
86	Synthesis and Optical Study of Sensitive and Selective Detection of Fe (III) ions Based on Solvents. <i>Egyptian Journal of Chemistry</i> , 2020, .	0.2	0
87	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
88	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
89	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
90	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

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91	Synthesis, molecular docking and biological evaluation of novel phthaloyl derivatives of 3-amino-3-aryl propionic acids as inhibitors of Trypanosoma cruzi trans-sialidase. European Journal of Medicinal Chemistry, 2018, 156, 252-268.	5.5	14
92	Occurrence and fate of bisphenol A transformation products, bisphenol A monomethyl ether and bisphenol A dimethyl ether, in wastewater treatment plants and surface water. Journal of Hazardous Materials, 2018, 357, 401-407.	12.4	42
93	Simultaneous determination of dexamethasone and moxifloxacin in pharmaceutical formulations using stability indicating HPLC method. Arabian Journal of Chemistry, 2017, 10, 321-328.	4.9	20
94	Recent developments in trans-sialidase inhibitors of Trypanosoma cruzi. Journal of Drug Targeting, 2017, 25, 485-498.	4.4	12
95	Determination of Commonly Used Pharmaceuticals in Hospital Waste of Pakistan and Evaluation of Their Ecological Risk Assessment. Clean - Soil, Air, Water, 2017, 45, 1500392.	1.1	23
96	Fate and mass balance of bisphenol analogues in wastewater treatment plants in Xiamen City, China. Environmental Pollution, 2017, 225, 542-549.	7.5	138
97	Evaluation of DNA vaccines encoding M. Tb gene Bfrb and Mpt32 in mice model. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 2025-2029.	0.2	0
98	PPCPs in Jiulong River estuary (China): Spatiotemporal distributions, fate, and their use as chemical markers of wastewater. Chemosphere, 2016, 150, 596-604.	8.2	127
99	pH-dependent probing of levofloxacin assimilated in surfactant mediated assemblies: Insights from photoluminescent and chromatographic measurements. Journal of Molecular Liquids, 2016, 220, 26-32.	4.9	22
100	Simultaneous analysis of 45 pharmaceuticals and personal care products in sludge by matrix solid-phase dispersion and liquid chromatography tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 4953-4964.	3.7	48
101	Occurrence and ecological risk assessment of fluoroquinolone antibiotics in hospital waste of Lahore, Pakistan. Environmental Toxicology and Pharmacology, 2016, 42, 16-22.	4.0	78
102	Synthesis and description of intermolecular interactions in new sulfonamide derivatives of tranexamic acid. Journal of Molecular Structure, 2016, 1103, 271-280.	3.6	4
103	Physicochemical investigation of antibacterial Moxifloxacin interacting with quaternary ammonium disinfectants. Fluid Phase Equilibria, 2015, 406, 47-54.	2.5	20
104	Crystal structure of 4-[[naphthalen-2-yl)sulfonylamino]methyl]cyclohexanecarboxylic acid. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o145-o145.	0.5	1
105	Tetraaquabis[2-(2-nitrophenyl)acetato- η^2 O]cobalt(II). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, m59-m60.	0.5	4
106	Impact of L-leucine on controlled release of ciprofloxacin through micellar catalyzed channels in aqueous medium. Journal of Molecular Liquids, 2015, 212, 142-150.	4.9	18
107	Global risk of pharmaceutical contamination from highly populated developing countries. Chemosphere, 2015, 138, 1045-1055.	8.2	212
108	Crystal structure of catena-poly[[trimethyltin(IV)]- μ_4 -2-(2-nitrophenyl)acetato- η^2 O:O $\times 2$]. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, m52-m53.	0.5	1

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109	Synthesis and Biological Activities of Organotin(IV) Complexes as Antitumoral and Antimicrobial Agents. A Review. Mini-Reviews in Medicinal Chemistry, 2015, 15, 406-426.	2.4	51
110	Crystal structure of 4-[(2,4-dihydroxybenzylidene)amino]methyl}cyclohexanecarboxylic acid. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o995-o996.	0.5	0
111	Stability-indicating RP-HPLC method for simultaneous determination of gatifloxacin and flurbiprofen in binary combination.. Quimica Nova, 2014, 37, .	0.3	3
112	Simultaneous estimation of rosuvastatin and amlodipine in pharmaceutical formulations using stability indicating HPLC method. Brazilian Journal of Pharmaceutical Sciences, 2014, 50, 629-638.	1.2	10
113	Biophysical probing of antibacterial Gemifloxacin assimilated in surfactant mediated molecular assemblies. Journal of Molecular Liquids, 2014, 200, 361-368.	4.9	36
114	Thermodynamic Characteristics and Spectral-Luminescent Properties of N-m-Tolylbenzamide in Microheterogeneous Surfactant Self-Assemblies. Journal of Solution Chemistry, 2014, 43, 632-647.	1.2	15
115	GC-MS and antioxidant capacity analyses of cowpea seeds oils. Nutrition and Food Science, 2013, 43, 116-127.	0.9	2
116	Adsorption of Brilliant Green dye from aqueous solution onto red clay. Chemical Engineering Journal, 2013, 228, 54-62.	12.7	175
117	SIMULTANEOUS DETERMINATION OF PIROXICAM AND PARACETAMOL IN PHARMACEUTICAL FORMULATIONS USING STABILITY INDICATING HPLC METHOD. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 1437-1450.	1.0	12
118	Simultaneous RP-HPLC determination of sparfloxacin and dexamethasone in pharmaceutical formulations. Brazilian Journal of Pharmaceutical Sciences, 2013, 49, 301-309.	1.2	4
119	Methyl 4-[(4-methylphenyl)sulfonyl]amino}benzoate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o666-o666.	0.2	1
120	4-Methyl-N-{4-[(5-methyl-1,2-oxazol-3-yl)sulfamoyl]phenyl}benzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o693-o693.	0.2	0
121	1-Methyl-4-[1-(1-phenylethylidene)-hydrazin-2-ylidene]-3,4-dihydro-1 <i>H</i> -2 <i>â</i> ⁶ ,1-benzothiazine-2,2-dione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2100-o2100.	0.2	1
122	Stability indicating HPLC method for the simultaneous determination of ofloxacin and ketorolac tromethamine in pharmaceutical formulations. Analytical Methods, 2012, 4, 2121.	2.7	12
123	DEVELOPMENT AND VALIDATION OF LIQUID CHROMATOGRAPHIC METHOD FOR GATIFLOXACIN AND KETOROLAC TROMETHAMINE IN COMBINED DOSAGE FORM. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 651-661.	1.0	15
124	Stability indicating HPLC method for simultaneous determination of moxifloxacin hydrochloride and ketorolac tromethamine in pharmaceutical formulations. Quimica Nova, 2012, 35, 1216-1221.	0.3	11
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