Hazem A. Ghabbour

List of Publications by Year
in descending order

359	3,398	147726	243529
papers	citations	31 h-index	44 g-index

366	366	366	3480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel 4/3-((4-oxo-5-(2-oxoindolin-3-ylidene)thiazolidin-2-ylidene)amino) benzenesulfonamides: Synthesis, carbonic anhydrase inhibitory activity, anticancer activity and molecular modelling studies. European Journal of Medicinal Chemistry, 2017, 139, 250-262.	2.6	110
2	Amido/ureidosubstituted benzenesulfonamides-isatin conjugates as low nanomolar/subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform XII. European Journal of Medicinal Chemistry, 2016, 110, 259-266.	2.6	77
3	Increasing the binding affinity of VEGFR-2 inhibitors by extending their hydrophobic interaction with the active site: Design, synthesis and biological evaluation of 1-substituted-4-(4-methoxybenzyl)phthalazine derivatives. European Journal of Medicinal Chemistry, 2016, 113, 50-62.	2.6	73
4	Sickle cell disease in <scp>S</scp>audi <scp>A</scp>rabia: the phenotype in adults with the <scp>A</scp>rabâ€<scp>I</scp>ndian haplotype is not benign. British Journal of Haematology, 2014, 164, 597-604.	1.2	72
5	Synthesis and in vitro anti-proliferative activity of some novel isatins conjugated with quinazoline/phthalazine hydrazines against triple-negative breast cancer MDA-MB-231 cells as apoptosis-inducing agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 600-613.	2.5	70
6	Fluorescence spectroscopic and molecular docking studies of the binding interaction between the new anaplastic lymphoma kinase inhibitor crizotinib and bovine serum albumin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 171, 174-182.	2.0	65
7	Novel [(3-indolylmethylene)hydrazono]indolin-2-ones as apoptotic anti-proliferative agents: design, synthesis andin vitrobiological evaluation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 686-700.	2.5	63
8	Substituted spirooxindole derivatives as potent anticancer agents through inhibition of phosphodiesterase 1. RSC Advances, 2018, 8, 14335-14346.	1.7	57
9	Novel indolin-2-one-based sulfonamides as carbonic anhydrase inhibitors: Synthesis, inÂvitro biological evaluation against carbonic anhydrases isoforms I, II, IV and VII and molecular docking studies. European Journal of Medicinal Chemistry, 2017, 127, 521-530.	2.6	56
10	Synthesis and anticancer activity of new quinazoline derivatives. Saudi Pharmaceutical Journal, 2017, 25, 1047-1054.	1.2	55
11	Development of novel synthesized phthalazinone-based PARP-1 inhibitors with apoptosis inducing mechanism in lung cancer. Bioorganic Chemistry, 2018, 77, 443-456.	2.0	55
12	SLC-0111 enaminone analogs, 3/4-(3-aryl-3-oxopropenyl) aminobenzenesulfonamides, as novel selective subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform IX. Bioorganic Chemistry, 2019, 83, 549-558.	2.0	53
13	One-pot three-component synthesis of novel spirooxindoles with potential cytotoxic activity against triple-negative breast cancer MDA-MB-231 cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 309-318.	2.5	52
14	Design and synthesis of new substituted spirooxindoles as potential inhibitors of the MDM2â€“p53 interaction. Bioorganic Chemistry, 2019, 86, 598-608.	2.0	52
15	Synthesis, crystal structure, hirshfeld surface analysis, DFT calculations, anti-diabetic activity and molecular docking studies of (E)-Nâ€™-(5-bromo-2-hydroxybenzylidene) isonicotinohydrazide. Journal of Molecular Structure, 2020, 1221, 128800.	1.8	51
16	Synthesis and structure investigation of novel pyrimidine-2,4,6-trione derivatives of highly potential biological activity as anti-diabetic agent. Journal of Molecular Structure, 2015, 1098, 365-376.	1.8	50
17	Novel pyrazolyl-s-triazine derivatives, molecular structure and antimicrobial activity. Journal of Molecular Structure, 2017, 1145, 244-253.	1.8	45
18	New Pyrazole-Hydrazone Derivatives: X-ray Analysis, Molecular Structure Investigation via Density Functional Theory (DFT) and Their High In-Situ Catecholase Activity. International Journal of Molecular Sciences, 2017, 18, 2215.	1.8	45

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19	Synthesis, in vitro biological activities and in silico study of dihydropyrimidines derivatives. Bioorganic and Medicinal Chemistry, 2015, 23, 6740-6748.	1.4	42
20	Synthesis of pyrimidine-2,4,6-trione derivatives: Anti-oxidant, anti-cancer, Î±-glucosidase, Î²-glucuronidase inhibition and their molecular docking studies. Bioorganic Chemistry, 2016, 68, 72-79.	2.0	42
21	Ultrasonic promoted synthesis of novel s -triazine-Schiff base derivatives; molecular structure, spectroscopic studies and their preliminary anti-proliferative activities. Journal of Molecular Structure, 2016, 1125, 121-135.	1.8	41
22	Adamantane-Isothiourea Hybrid Derivatives: Synthesis, Characterization, In Vitro Antimicrobial, and In Vivo Hypoglycemic Activities. Molecules, 2017, 22, 710.	1.7	39
23	Novel series of 6-(2-substitutedacetamido)-4-anilinoquinazolines as EGFR-ERK signal transduction inhibitors in MCF-7 breast cancer cells. European Journal of Medicinal Chemistry, 2018, 155, 782-796.	2.6	39
24	Synthesis and Cytotoxic Activity of Biphenylurea Derivatives Containing Indolin-2-one Moieties. Molecules, 2016, 21, 762.	1.7	38
25	New spiro-oxindole constructed with pyrrolidine/thioxothiazolidin-4-one derivatives: Regioselective synthesis, X-ray crystal structures, Hirshfeld surface analysis, DFT, docking and antimicrobial studies. Journal of Molecular Structure, 2018, 1152, 101-114.	1.8	37
26	Tandem Aldol-Michael Reactions in Aqueous Diethylamine Medium: A Greener and Efficient Approach to Bis-Pyrimidine Derivatives. International Journal of Molecular Sciences, 2013, 14, 23762-23773.	1.8	36
27	Design, synthesis and antiproliferative activity of decarbonyl luotonin analogues. European Journal of Medicinal Chemistry, 2017, 138, 932-941.	2.6	36
28	Sickle Cell Disease Subphenotypes in Patients From Southwestern Province of Saudi Arabia. Journal of Pediatric Hematology/Oncology, 2012, 34, 79-84.	0.3	35
29	Synthesis of bulky-tailed sulfonamides incorporating pyrido[2,3- d][1,2,4]triazolo[4,3- a effects. Bioorganic and Medicinal Chemistry, 2017, 25, 2210-2217.	1.4	35
30	Synthesis, crystal structure, DFT, Î±-glucosidase and Î±-amylase inhibition and molecular docking studies of (E)-N'-(4-chlorobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide. Journal of Molecular Structure, 2021, 1245, 131067.	1.8	35
31	An efficient and green procedure for synthesis of rhodanine derivatives by aldol-thia-Michael protocol using aqueous diethylamine medium. RSC Advances, 2014, 4, 4909.	1.7	34
32	Synthesis, biological evaluation and molecular docking studies of thiazole-based pyrrolidinones and isoindolinediones as anticonvulsant agents. Medicinal Chemistry Research, 2015, 24, 3194-3211.	1.1	32
33	Molecular docking study and antiviral evaluation of 2-thioxo-benzo[g]quinazolin-4(3H)-one derivatives. Chemistry Central Journal, 2016, 10, 21.	2.6	32
34	A Novel One-Pot Green Synthesis of Dispirooxindolo-pyrrolidines via 1,3-Dipolar Cycloaddition Reactions of Azomethine Ylides. Molecules, 2015, 20, 780-791.	1.7	31
35	Synthesis, in vitro antitumour activity, and molecular docking study of novel 2-substituted mercapto-3-(3,4,5-trimethoxybenzyl)-4(3H)-quinazolinone analogues. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1229-1239.	2.5	30
36	A 1,3-dipolar cycloadditionâ€“annulation protocol for the expedient regio-, stereo- and product-selective construction of novel hybrid heterocycles comprising seven rings and seven contiguous stereocentres. Tetrahedron Letters, 2013, 54, 2515-2519.	0.7	29

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37	Synthesis, In-Vitro Antibacterial, Antifungal, and Molecular Modeling of Potent Anti-Microbial Agents with a Combined Pyrazole and Thiophene Pharmacophore. Molecules, 2015, 20, 8712-8729.	1.7	29
38	Synthesis, Cytotoxic Activity, Crystal Structure, DFT Studies and Molecular Docking of 3-Amino-1-(2,5-dichlorophenyl)-8-methoxy-1H-benzo[f]chromene-2-carbonitrile. Crystals, 2021, 11, 184.	1.0	27
39	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 147, 107-116.	2.0	25
40	Docking and Antiherpetic Activity of 2-Aminobenzo[de]-isoquinoline-1,3-diones. Molecules, 2015, 20, 5099-5111.	1.7	24
41	Neoclerodane Diterpenoids from Reehal Fatima, Teucrium yemense. Journal of Natural Products, 2017, 80, 1900-1908.	1.5	24
42	Antimicrobial sesquiterpene lactones from Artemisia sieberi. Journal of Asian Natural Products Research, 2017, 19, 1093-1101.	0.7	24
43	Synthesis and Crystal Structures of Benzimidazole-2-thione Derivatives by Alkylation Reactions. Molecules, 2016, 21, 12.	1.7	23
44	Investigation of potential anti-malarial lead candidate 2-(4-fluorobenzylthio)-5-(5-bromothiophen-2-yl)-1,3,4-oxadiazole: Insights from crystal structure, DFT, QTAIM and hybrid QM/MM binding energy analysis. Journal of Molecular Structure, 2019, 1175, 230-240.	1.8	23
45	2-((Benzimidazol-2-yl)thio)-1-arylethan-1-ones: Synthesis, crystal study and cancer stem cells CD133 targeting potential. European Journal of Medicinal Chemistry, 2015, 104, 1-10.	2.6	22
46	Theoretical investigations of two adamantane derivatives: A combined X-ray, DFT, QTAIM analysis and molecular docking. Journal of Molecular Structure, 2018, 1159, 233-245.	1.8	22
47	Tandem Aldol-Michael reactions in aqueous diethylamine medium: a greener and efficient approach to dimedone-barbituric acid derivatives. Chemistry Central Journal, 2014, 8, 9.	2.6	21
48	Synthesis, Characterization, and Anti-Cancer Activity of Some New Nâ€²-(2-Oxoindolin-3-ylidene)-2-propylpentane hydrazide-hydrazones Derivatives. Molecules, 2015, 20, 14638-14655.	1.7	21
49	Synthesis, Crystal Study, and Anti-Proliferative Activity of Some 2-Benzimidazolylthioacetophenones towards Triple-Negative Breast Cancer MDA-MB-468 Cells as Apoptosis-Inducing Agents. International Journal of Molecular Sciences, 2016, 17, 1221.	1.8	21
50	Microwave Synthesis, Characterization, and Antimicrobial Activity of Some Novel Isatin Derivatives. Journal of Chemistry, 2015, 2015, 1-8.	0.9	20
51	Straightforward synthesis of pyrrolo[3,4-b]quinolines through intramolecular Povarov reactions. Tetrahedron Letters, 2015, 56, 6900-6903.	0.7	20
52	A Greener, Efficient Approach to Michael Addition of Barbituric Acid to Nitroalkene in Aqueous Diethylamine Medium. Molecules, 2014, 19, 1150-1162.	1.7	19
53	Synthesis of novel 5-monoalkylbarbiturate derivatives: new access to 1,2-oxazepines. Tetrahedron Letters, 2015, 56, 6984-6987.	0.7	19
54	Unusual Nitrogenous Phenalenone Derivatives from the Marine-Derived Fungus Coniothyrium cereale. Molecules, 2016, 21, 178.	1.7	19

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55	Isocoumarin derivatives from the marine-derived fungus Phoma sp. 135. Tetrahedron Letters, 2016, 57, 354-356.	0.7	19
56	Spectroscopic (FT-IR, FT-Raman, UV, 1H and 13C NMR) profiling and computational studies on methyl 5-methoxy-1H-indole-2-carboxylate: A potential precursor to biologically active molecules. Journal of Molecular Structure, 2017, 1133, 199-210.	1.8	19
57	Efficient and easy synthesis of new Benzo[h]chromene and Benzo[h]quinoline derivatives as a new class of cytotoxic agents. Journal of Molecular Structure, 2019, 1195, 702-711.	1.8	19
58	Synthesis and Anti-Proliferative Assessment of Triazolo-Thiadiazepine and Triazolo-Thiadiazine Scaffolds. Molecules, 2019, 24, 4471.	1.7	19
59	An Expedient Regio- and Diastereoselective Synthesis of Hybrid Frameworks with Embedded Spiro[9,10]dihydroanthracene [9,3â€²]-pyrrolidine and Spiro[oxindole-3,2â€²-pyrrolidine] Motifs via an Ionic Liquid-Mediated Multicomponent Reaction. Molecules, 2015, 20, 16142-16153.	1.7	18
60	Synthesis, molecular structure investigations and antimicrobial activity of 2-thioxothiazolidin-4-one derivatives. Journal of Molecular Structure, 2015, 1081, 519-529.	1.8	18
61	A concise synthesis and evaluation of new malonamide derivatives as potential Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 1675-1682.	1.4	18
62	A One-Pot Biginelli Synthesis and Characterization of Novel Dihydropyrimidinone Derivatives Containing Piperazine/Morpholine Moiety. Molecules, 2018, 23, 1559.	1.7	17
63	Studies on the red sea sponge Haliclona sp. for its chemical and cytotoxic properties. Pharmacognosy Magazine, 2016, 12, 114.	0.3	17
64	One-pot synthesis of spiro(indoline-3,4â€²-pyrazolo[3,4-b]pyridine)-5â€²-carbonitriles as p53-MDM2 interaction inhibitors. Future Medicinal Chemistry, 2018, 10, 2771-2789.	1.1	16
65	Synthesis of Oxindole Analogues, Biological Activity, and In Silico Studies. ChemistrySelect, 2019, 4, 10510-10516.	0.7	16
66	Synthesis, X-Ray Crystal Structures, and Preliminary Antiproliferative Activities of New s-Triazine-hydroxybenzylidene Hydrazone Derivatives. Journal of Chemistry, 2019, 2019, 1-10.	0.9	16
67	Synthesis, Crystal Structure, and Biological Activity ofcis/transAmide Rotomers of (Z)-Nâ€²-(2-Oxoindolin-3-ylidene)formohydrazide. Journal of Chemistry, 2014, 2014, 1-7.	0.9	15
68	Synthesis, characterization, x-ray structure and antimicrobial activity of N-(4-chlorophenyl)-2-(pyridin-4- ylcarbonyl) hydrazinecarbothioamide. Tropical Journal of Pharmaceutical Research, 2016, 15, 1751.	0.2	15
69	Synthesis, Biological Evaluation and Molecular Docking of Certain Sulfones as Potential Nonazole Antifungal Agents. Molecules, 2016, 21, 114.	1.7	15
70	New bioactive chlorinated cyclopentene derivatives from the marine-derived Fungus Phoma sp. Medicinal Chemistry Research, 2018, 27, 1885-1892.	1.1	15
71	Synthesis, Docking Study and Î²-Adrenoceptor Activity of Some New Oxime Ether Derivatives. Molecules, 2014, 19, 3417-3435.	1.7	14
72	Synthesis and molecular characterization of 5,5â€²-((2,4-dichlorophenyl)methylene)bis(1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione). Journal of Molecular Structure, 2015, 1084, 207-215.	1.8	14

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73	Stereoselective synthesis of diazaspiro[5.5]undecane derivatives via base promoted [5+1] double Michael addition of N,N-dimethylbarbituric acid to diaryliedene acetones. Arabian Journal of Chemistry, 2017, 10, 1-9.	2.3	14
74	Intermolecular interactions in crystal structure, Hirshfeld surface, characterization, DFT and thermal analysis of 5-((5-bromo-1 H -indol-3-yl)methylene)-1,3-dimethylpyrimidine-2,4,6(1 H ,3 H ,5 H) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	14
75	Molecular structure and spectroscopic investigations combined with hypoglycemic/anticancer and docking studies of a new barbituric acid derivative. Journal of Molecular Structure, 2017, 1134, 99-111.	1.8	14
76	Synthesis, molecular structure, spectral analysis, and biological activity of new malonamide derivatives as Î±-glucosidase inhibitors. Journal of Molecular Structure, 2017, 1134, 253-264.	1.8	14
77	Cancer stem cells CD133 inhibition and cytotoxicity of certain 3-phenylthiazolo[3,2-a]benzimidazoles: design, direct synthesis, crystal study and in vitro biological evaluation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 986-991.	2.5	14
78	Synthesis, X-ray crystal structure, Hirshfeld analysis and computational investigation of bis(methylthio)acrylonitrile with antimicrobial and docking evaluation. Journal of Molecular Structure, 2022, 1260, 132793.	1.8	14
79	Design, Synthesis, and Molecular Docking of 1-(1-(4-Chlorophenyl)-2-(phenylsulfonyl)ethylidene)-2-phenylhydrazine as Potent Nonazole Anticandidal Agent. Journal of Chemistry, 2014, 2014, 1-8.	0.9	13
80	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. Chemistry Central Journal, 2015, 9, 35.	2.6	13
81	One pot synthesis, molecular structure and spectroscopic studies (X-ray, IR, NMR, UVâ€“Vis) of novel 2-(4,6-dimethoxy-1,3,5-triazin-2-yl) amino acid ester derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 184-198.	2.0	13
82	Tautomerism aspect of thione-thiol combined with spectral investigation of some 4-amino-5-methyl-1,2,4-triazole-3-thione Schiff's bases. Journal of Molecular Structure, 2017, 1146, 432-440.	1.8	13
83	Stereoselective green synthesis and molecular structures of highly functionalized spirooxindole-pyrrolidine hybrids â€“ A combined experimental and theoretical investigation. Journal of Molecular Structure, 2018, 1152, 266-275.	1.8	13
84	Synthesis and Inhibitory Effect of Some Indoleâ€Pyrimidine Based Hybrid Heterocycles on Î±â€Glucosidase and Î±â€Amylase as Potential Hypoglycemic Agents. ChemistryOpen, 2019, 8, 1288-1297.	0.9	13
85	Synthesis, crystal structure, spectroscopic characterization, Î±-glucosidase inhibition and computational studies of (E)-5-methyl-Nâ€²-(pyridin-2-ylmethylene)-1H-pyrazole-3-carbohydrazide. Journal of Molecular Structure, 2022, 1248, 131506.	1.8	13
86	Unexpected ring-opening of 3-aroylbenzo[b]furans at room temperature: a new route for the construction of phenol-substituted pyrazoles. Tetrahedron Letters, 2013, 54, 3424-3426.	0.7	12
87	New Diethyl Ammonium Salt of Thiobarbituric Acid Derivative: Synthesis, Molecular Structure Investigations and Docking Studies. Molecules, 2015, 20, 20642-20658.	1.7	12
88	Synthesis of New Functionalized Indoles Based on Ethyl Indol-2-carboxylate. Molecules, 2016, 21, 333.	1.7	12
89	Synthesis, crystallographic characterization, molecular docking and biological activity of isoquinoline derivatives. Chemistry Central Journal, 2017, 11, 103.	2.6	12
90	(2 E)-2-[1-(1,3-Benzodioxol-5-yl)-3-(1 H -imidazol-1-yl)propylidene]- N -(4-methoxyphenyl)hydrazinecarboxamide: Synthesis, crystal structure, vibrational analysis, DFT computations, molecular docking and antifungal activity. Journal of Molecular Structure, 2018, 1166, 121-130.	1.8	12

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91	Quantum chemical insight into the molecular structure of L-chemosensor 1,3-dimethyl-5-(thien-2-ylmethylene)-pyrimidine-2,4,6-(1H,3H,5H)-trione: Naked-eye colorimetric detection of copper(II) anions. Journal of Theoretical and Computational Chemistry, 2018, 17, 1850005.	1.8	12
92	Anticancer Indole-Based Chalcones: A Structural and Theoretical Analysis. Molecules, 2019, 24, 3728.	1.7	12
93	Synthesis and characterization of a spiroindolone pyrothiazole analog via X-ray, biological, and computational studies. Journal of Molecular Structure, 2019, 1186, 384-392.	1.8	12
94	A functional promoter polymorphism of the Î´-globin gene is a specific marker of the Arab-Indian haplotype. American Journal of Hematology, 2012, 87, 824-826.	2.0	11
95	Synthesis, Spectroscopic, X-ray Diffraction and DFT Studies of Novel Benzimidazole Fused-1,4-Oxazepines. Molecules, 2016, 21, 724.	1.7	11
96	Synthesis, X-ray Single Crystal Structure, Molecular Docking and DFT Computations on N-[(1E)-1-(2H-1,3-Benzodioxol-5-yl)-3-(1H-imidazol-1-yl)propylidene]-hydroxylamine: A New Potential Antifungal Agent Precursor. Molecules, 2017, 22, 373.	1.7	11
97	Synthesis of spiroindolone analogue via three components reaction of olefin with isatin and sarcosine: Anti-proliferative activity and computational studies. Journal of Molecular Structure, 2020, 1204, 127500.	1.8	11
98	Crystal structure, Hirshfeld surface analysis and computational study of three 2-(4-arylthiazol-2-yl)isoindoline-1,3-dione derivatives. Molecular Crystals and Liquid Crystals, 2022, 742, 40-55.	0.4	11
99	Synthesis, crystal structure, vibrational profiling, DFT studies and molecular docking of N-(4-chloro-2-{[2-(1H-indol-2-ylcarbonyl) hydrazinyl](oxo)acetyl}phenyl)acetamide.DMSO: A new antiproliferative agent. Journal of Molecular Structure, 2018, 1155, 457-468.	1.8	10
100	Spectroscopic identification, structural features, Hirshfeld surface analysis and molecular docking studies on stiripentol: An orphan antiepileptic drug. Journal of Molecular Structure, 2019, 1180, 110-118.	1.8	10
101	Synthesis of Novel 2-(Methylthio)benzo[g][1,2,4]triazolo[1,5-a]quinazolin- 5-(4H)-one and its Derivatives. Letters in Organic Chemistry, 2014, 11, 759-767.	0.2	10
102	Synthesis, characterization, X-ray structure, computational studies, and bioassay of novel compounds combining thiophene and benzimidazole or 1,2,4-triazole moieties. Chemistry Central Journal, 2017, 11, 51.	2.6	9
103	Stereoselective synthesis, X-ray analysis, computational studies and biological evaluation of new thiazole derivatives as potential anticancer agents. Chemistry Central Journal, 2018, 12, 56.	2.6	9
104	Unexpected Synthesis, Single-Crystal X-ray Structure, Anticancer Activity, and Molecular Docking Studies of Certain 2â€“((Imidazole/Benzimidazolâ€“2â€“yl)thio)â€“1â€“arylethanones. Crystals, 2020, 10, 446.	1.0	9
105	Anticonvulsant Potential of Certain New (2E)-2-[1-Aryl-3-(1H-imidazol-1-yl)propylidene]-N-(aryl/H)hydrazinecarboxamides. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	8
106	Synthesis, Molecular Structure and Spectroscopic Investigations of Novel Fluorinated Spiro Heterocycles. Molecules, 2015, 20, 8223-8241.	1.7	8
107	Synthesis, X-Ray Crystal Structures, Biological Evaluation, and Molecular Docking Studies of a Series of Barbiturate Derivatives. Journal of Chemistry, 2016, 2016, 1-11.	0.9	8
108	Inhibitory activity of benzo[h]quinoline and benzo[h]chromene in human glioblastoma cells. Tropical Journal of Pharmaceutical Research, 2016, 15, 2337.	0.2	8

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109	Cu(II) and Mn(II) coordination complexes constructed by C linked bispyrazoles: Effect of anions and hydrogen bonding on the self assembly process. Inorganica Chimica Acta, 2018, 482, 411-419.	1.2	8
110	A new barbituric acid derivatives as reactive oxygen scavenger: Experimental and theoretical investigations. Journal of Molecular Structure, 2019, 1175, 524-535.	1.8	8
111	Expeditious Green Synthesis of Novel 4-Methyl-1,2,5,6-tetraazafluoranthen-3(2H)-one Analogue from Ninhydrin: N/S-Alkylation and Aza-Michael Addition. ACS Omega, 2020, 5, 5436-5442.	1.6	8
112	Synthesis, X-ray analysis and computational studies of two novel thiophene derivatives. Journal of Sulfur Chemistry, 2020, 41, 517-529.	1.0	8
113	Crystal structure of (E)-2-(4-hydroxy-3-methoxybenzylidene)-6-methoxy-3,4-dihydronaphthalen-1(2H)-one, C₁₉H₁₈O₄. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 203-205.	0.1	8
114	Synthesis Characterization and X-ray Structure of 2-(2,6-Dichlorophenylamino)-2-imidazoline Tetraphenylborate: Computational Study. Applied Sciences (Switzerland), 2022, 12, 3568.	1.3	8
115	5-Bromo-4-(3,4-dimethoxyphenyl)thiazol-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1631-o1632.	0.2	7
116	A Facile Synthesis of Pyrido[<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msup><mml:mrow><mml:mtext>2</mml:mtext></mml:mrow><mml:mrow><mml:mi mathvariant="bold">â€²</mml:mi></mml:mrow></mml:msup></mml:mrow></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M2"><mml:mrow><mml:msup><mml:mrow><mml:mtext>3</mml:mtext></mml:mrow><mml:mrow><mml:mi mathvariant="bold">â€²</mml:mi></mml:mrow></mml:msup></mml:mrow></mml:math>:3,4]pyrazolo[1,5-a]pyrimidine	0.9	7
117	Synthesis, Crystal Structure, Density Function Theory, Molecular Docking and Antimicrobial Studies of 2-(3-(4- phenylpiperazin-1-yl) propyl) isoindoline-1,3-dione. Tropical Journal of Pharmaceutical Research, 2016, 15, 385.	0.2	7
118	Synthesis, Crystal Structure and DFT Studies of a New Dinuclear Ag(I)-Malonamide Complex. Molecules, 2018, 23, 888.	1.7	7
119	Insights into the weak Csp3â€“HÂ·Â·Â·Hâ€“Csp3 mediated supramolecular architecture in ethyl 2-(5-bromopentanamido)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylate, a probable selective COX-2 lead molecule: An integrated crystallographic and theoretical approach. Journal of Molecular Structure, 2020, 1199, 127019.	1.8	7
120	Design, synthesis, X-ray analysis, and biological screening of new oxime and enaminone thiazoline-2-thione derivatives. Journal of Molecular Structure, 2021, 1223, 128977.	1.8	7
121	Synthesis, Characterization, and Biological Evaluation of Some Novel Pyrazolo[5,1-b]thiazole Derivatives as Potential Antimicrobial and Anticancer Agents. Molecules, 2021, 26, 5383.	1.7	7
122	A Major Diplotaxis harra-Derived Bioflavonoid Glycoside as a Protective Agent against Chemically Induced Neurotoxicity and Parkinsonâ€™s Models; In Silico Target Prediction; and Biphasic HPTLC-Based Quantification. Plants, 2022, 11, 648.	1.6	7
123	3-Acetyl-1,5-diphenyl-1H-pyrazole-4-carbonitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1095-o1096.	0.2	6
124	Synthesis, Single Crystal X-Ray Structure, and Antimicrobial Activity of 6-(1,3-Benzodioxol-5-ylmethyl)-5-ethyl-2-{[2-(morpholin-4-yl)ethyl]sulfanyl}pyrimidin-4(3H)-one. Journal of Chemistry, 2014, 2014, 1-8.	0.9	6
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335	Crystal structure of 6-hydroxy-5-((2-hydroxy-6-oxocyclohex-1-en-1-yl)(phenyl)methyl)-1,3-dimethylpyrimidine-2,4(1H,3H)-dione, C₁₉H₂₀N₂O₅. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 849-851.	0.1	0
336	Crystal structure of 3-(6-(5-amino-1-phenyl-1H-pyrazol-3-yl)pyridin-2-yl)-1-phenyl-1H-pyrazol-5-amine â€“ dioxan (2/1), C25H23N7O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 597-599.	0.1	0
337	Crystal structure of 2-((dimethylamino)methylene)-5,5-Dimethylcyclohexane-1,3-dione, C₁₁H₁₇NO₂. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 903-905.	0.1	0
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339	Synthesis and crystal structure of 2-((5-chlorobenzo[c][1,2,5]thiadiazol-4-yl)amino)-4,5-dihydro-1H-imidazol-3-ium tetraphenylborate, C33H29BClN5S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 421-422.	0.1	0
340	Crystal structure of (E)-1-(2-(thiophen-2-ylmethylene)hydrazinyl)phthalazine hydrochlorideâ€“ethanol (1/1), C₁₅H₁₇ClN₄OS. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 95-97.	0.1	0
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344	The crystal structure of 2,3,5-triphenyl-2,3-dihydro-1H-tetrazol-1-ium 2,3-dioxoindoline-5-sulfonate, C27H19N5O5S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 603-605.	0.1	0
345	Crystal structure of 2-(4-methyl-3-phenylthiazol-2(3H)-ylidene)malononitrile, C₁₃H₉N₃S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 451-452.	0.1	0
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347	Crystal structure of 2,3-diphenyl-1-(morpholin-4-ylacetyl)-1,3-diazaspiro[4.5]decan-4-one, C26H31N3O3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 465-467.	0.1	0
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