

Aamer Saeed

List of Publications by Year in descending order

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525
papers

9,496
citations

61984

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573
all docs

573
docs citations

573
times ranked

9207
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#	ARTICLE	IF	CITATIONS
1	Recent advances in the structural library of functionalized quinazoline and quinazolinone scaffolds: Synthetic approaches and multifarious applications. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 193-244.	5.5	370
2	Marine Natural Products: A Source of Novel Anticancer Drugs. <i>Marine Drugs</i> , 2019, 17, 491.	4.6	324
3	Synthetic approaches, functionalization and therapeutic potential of quinazoline and quinazolinone skeletons: The advances continue. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 124-169.	5.5	317
4	Metal nanoparticles fabricated by green chemistry using natural extracts: biosynthesis, mechanisms, and applications. <i>RSC Advances</i> , 2019, 9, 24539-24559.	3.6	247
5	Quinazolines and quinazolinones as ubiquitous structural fragments in medicinal chemistry: An update on the development of synthetic methods and pharmacological diversification. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2361-2381.	3.0	202
6	A review on the chemistry, coordination, structure and biological properties of 1-(acyl/aryl)-3-(substituted) thioureas. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 318-355.	2.0	176
7	Synthesis, biological assay in vitro and molecular docking studies of new Schiff base derivatives as potential urease inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5473-5479.	5.5	153
8	Isocoumarins, miraculous natural products blessed with diverse pharmacological activities. <i>European Journal of Medicinal Chemistry</i> , 2016, 116, 290-317.	5.5	152
9	Recent advances in the synthesis, biological activities and various applications of ferrocene derivatives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3664.	3.5	113
10	Recent advances towards sulfur (VI) fluoride exchange (SuFEx) click chemistry. <i>Journal of Fluorine Chemistry</i> , 2018, 213, 87-112.	1.7	91
11	Recent developments in synthetic chemistry and biological activities of pyrazole derivatives. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	1.5	86
12	Synthesis, characterization and antimicrobial activity of some new 1-(fluorobenzoyl)-3-(fluorophenyl)thioureas. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 1028-1034.	1.7	84
13	Eco-friendly synthesis of magnetite (Fe ₃ O ₄) nanoparticles with tunable size: Dielectric, magnetic, thermal and optical studies. <i>Materials Chemistry and Physics</i> , 2017, 198, 229-235.	4.0	78
14	Design, synthesis, kinetic mechanism and molecular docking studies of novel 1-pentanoyl-3-arylthioureas as inhibitors of mushroom tyrosinase and free radical scavengers. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 273-281.	5.5	75
15	Recent developments in chemistry, coordination, structure and biological aspects of 1-(acyl/aryl)-3-(substituted) thioureas. <i>Research on Chemical Intermediates</i> , 2017, 43, 3053-3093.	2.7	73
16	Intermolecular interactions in crystalline 1-(adamantane-1-carbonyl)-3-substituted thioureas with Hirshfeld surface analysis. <i>CrystEngComm</i> , 2015, 17, 7551-7563.	2.6	72
17	Morphological and magnetic properties of BaFe ₁₂ O ₁₉ nanoferrite: A promising microwave absorbing material. <i>Ceramics International</i> , 2017, 43, 7346-7350.	4.8	71
18	Recent insights into chemical and pharmacological studies of bee bread. <i>Trends in Food Science and Technology</i> , 2020, 97, 300-316.	15.1	67

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19	Electrochemical performance of 2D polyaniline anchored CuS/Graphene nano-active composite as anode material for lithium-ion battery. <i>Journal of Colloid and Interface Science</i> , 2017, 502, 16-23.	9.4	65
20	Supramolecular self-assembly of a coumarine-based acylthiourea synthon directed by π -stacking interactions: Crystal structure and Hirshfeld surface analysis. <i>Journal of Molecular Structure</i> , 2016, 1111, 76-83.	3.6	60
21	Synthesis, theoretical, spectroscopic and electrochemical DNA binding investigations of 1, 3, 4-thiadiazole derivatives of ibuprofen and ciprofloxacin: Cancer cell line studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 189, 104-118.	3.8	60
22	Shape and phase-controlled synthesis of specially designed 2D morphologies of l-cysteine surface capped covellite (CuS) and chalcocite (Cu ₂ S) with excellent photocatalytic properties in the visible spectrum. <i>Applied Surface Science</i> , 2020, 526, 146691.	6.1	59
23	Review of common failures in heat exchangers – Part I: Mechanical and elevated temperature failures. <i>Engineering Failure Analysis</i> , 2020, 109, 104396.	4.0	58
24	Graphene Oxide-Doped MgO Nanostructures for Highly Efficient Dye Degradation and Bactericidal Action. <i>Nanoscale Research Letters</i> , 2021, 16, 56.	5.7	58
25	FT-IR spectroscopic and thermal study of waterborne polyurethane-acrylate leather coatings using tartaric acid as an ionomer. <i>E-Polymers</i> , 2016, 16, 463-474.	3.0	57
26	Current developments in chemistry, coordination, structure and biological aspects of 1-(acyl/aryl)-3-(substituted)thioureas: advances <i>Continued</i> . <i>Journal of Sulfur Chemistry</i> , 2019, 40, 312-350.	2.0	57
27	Synthesis, molecular docking studies of coumarinyl-pyrazolinyl substituted thiazoles as non-competitive inhibitors of mushroom tyrosinase. <i>Bioorganic Chemistry</i> , 2017, 74, 187-196.	4.1	56
28	A review featuring the fundamentals and advancements of polymer/CNT nanocomposite application in aerospace industry. <i>Polymer Bulletin</i> , 2021, 78, 539-557.	3.3	52
29	Screening for natural and derived bio-active compounds in preclinical and clinical studies: One of the frontlines of fighting the coronaviruses pandemic. <i>Phytomedicine</i> , 2021, 85, 153311.	5.3	51
30	Intra- and intermolecular hydrogen bonding and conformation in 1-acyl thioureas: An experimental and theoretical approach on 1-(2-chlorobenzoyl)thiourea. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 143, 59-66.	3.9	50
31	Synthesis, structural and vibrational properties of 1-(adamantane-1-carbonyl)-3-halophenyl thioureas. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 102, 408-413.	3.9	49
32	General properties and comparison of the corrosion inhibition efficiencies of the triazole derivatives for mild steel. <i>Corrosion Reviews</i> , 2018, 36, 507-545.	2.0	49
33	Designing of a spatially separated hetero-junction pseudobrookite (Fe ₂ TiO ₅ -TiO ₂) yolk-shell hollow spheres as efficient photocatalyst for water oxidation reaction. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 30-35.	20.2	48
34	A new entry into the portfolio of α -glucosidase inhibitors as potent therapeutics for type 2 diabetes: Design, bioevaluation and one-pot multi-component synthesis of diamine-bridged coumarinyl oxadiazole conjugates. <i>Bioorganic Chemistry</i> , 2018, 77, 190-202.	4.1	48
35	Designing benzothiadiazole based non-fullerene acceptors with high open circuit voltage and higher LUMO level to increase the efficiency of organic solar cells. <i>Optik</i> , 2021, 228, 166138.	2.9	48
36	Synthesis and antibacterial activity of some novel 2-Aroylimino-3-aryl-thiazolidin-4-ones. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 559-565.	0.6	46

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37	Synthesis, molecular docking studies, and in vitro screening of sulfanilamide-thiourea hybrids as antimicrobial and urease inhibitors. <i>Medicinal Chemistry Research</i> , 2013, 22, 3653-3662.	2.4	46
38	New aminobenzenesulfonamide-thiourea conjugates: Synthesis and carbonic anhydrase inhibition and docking studies. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 140-150.	5.5	46
39	Coumarin-thiazole and -oxadiazole derivatives: Synthesis, bioactivity and docking studies for aldose/aldehyde reductase inhibitors. <i>Bioorganic Chemistry</i> , 2016, 68, 177-186.	4.1	46
40	Stereoselective Synthesis of (3R)-3,4-Dihydro-6,8-dimethoxy-3-undecyl-1H-[2]benzopyran-1-one and Derivatives, Metabolites from <i>Ononis</i> matrix. <i>Helvetica Chimica Acta</i> , 2003, 86, 377-383.	1.6	45
41	Synthesis, cholinesterase inhibition and molecular modelling studies of coumarin linked thiourea derivatives. <i>Bioorganic Chemistry</i> , 2015, 63, 58-63.	4.1	45
42	Synthesis, cytotoxicity and molecular modelling studies of new phenylcinnamide derivatives as potent inhibitors of cholinesterases. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 43-53.	5.5	44
43	Electrochemical study of specially designed graphene-Fe ₃ O ₄ -polyaniline nanocomposite as a high-performance anode for lithium-ion battery. <i>Dalton Transactions</i> , 2018, 47, 15031-15037.	3.3	44
44	The Chemistry and Biology of Ratjadone. <i>ChemBioChem</i> , 2001, 2, 709-714.	2.6	43
45	Competing intramolecular NHOC hydrogen bonds and extended intermolecular network in 1-(4-chlorobenzoyl)-3-(2-methyl-4-oxopentan-2-yl) thiourea analyzed by experimental and theoretical methods. <i>Chemical Physics</i> , 2014, 431-432, 39-46.	1.9	43
46	Cardenolides: Insights from chemical structure and pharmacological utility. <i>Pharmacological Research</i> , 2019, 141, 123-175.	7.1	43
47	Facile and expedient access to bis-coumarin-iminothiazole hybrids by molecular hybridization approach: synthesis, molecular modelling and assessment of alkaline phosphatase inhibition, anticancer and antileishmanial potential. <i>RSC Advances</i> , 2015, 5, 89919-89931.	3.6	42
48	Sulfonamide-Linked Ciprofloxacin, Sulfadiazine and Amantadine Derivatives as a Novel Class of Inhibitors of Jack Bean Urease; Synthesis, Kinetic Mechanism and Molecular Docking. <i>Molecules</i> , 2017, 22, 1352.	3.8	42
49	Biocompatible, pH-responsive, and biodegradable polyurethanes as smart anti-cancer drug delivery carriers. <i>Reactive and Functional Polymers</i> , 2018, 127, 153-160.	4.1	42
50	Biocompatible waterborne polyurethane-urea elastomer as intelligent anticancer drug release matrix: A sustained drug release study. <i>Reactive and Functional Polymers</i> , 2017, 119, 57-63.	4.1	41
51	Recent trends in chemistry, structure, and various applications of 1-acyl-3-substituted thioureas: a detailed review. <i>RSC Advances</i> , 2022, 12, 12710-12745.	3.6	41
52	Synthesis, X-ray crystal structure, thermal behavior and spectroscopic analysis of 1-(1-naphthoyl)-3-(halo-phenyl)-thioureas complemented with quantum chemical calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 409-418.	3.9	40
53	Synthesis and characterization of chromium (III), iron (II), copper (II) complexes of 4-amino-1-(p-sulphophenyl)-3-methyl-5-pyrazolone based acid dyes and their applications on leather. <i>Dyes and Pigments</i> , 2016, 130, 90-98.	3.7	40
54	Hydroxyl substituted benzoic acid/cinnamic acid derivatives: Tyrosinase inhibitory kinetics, anti-melanogenic activity and molecular docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126722.	2.2	40

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55	Chemical Insights Into the Synthetic Chemistry of Quinazolines: Recent Advances. <i>Frontiers in Chemistry</i> , 2020, 8, 594717.	3.6	40
56	A Review on the Recent Trends in Synthetic Strategies and Applications of Xanthene Dyes. <i>Mini-Reviews in Organic Chemistry</i> , 2018, 15, 166-197.	1.3	40
57	Total Synthesis of (âˆ™)-Callystatin A. <i>Organic Letters</i> , 2001, 3, 3107-3109.	4.6	39
58	Mesoporous nano-bioglass designed for the release of imatinib and in vitro inhibitory effects on cancer cells. <i>Materials Science and Engineering C</i> , 2017, 77, 725-730.	7.3	39
59	Regulating the anticancer drug release rate by controlling the composition of waterborne polyurethane. <i>Reactive and Functional Polymers</i> , 2018, 131, 134-141.	4.1	39
60	Thiophene-based molecular and polymeric semiconductors for organic field effect transistors and organic thin film transistors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 17975-18010.	2.2	39
61	Novel C-2 Symmetric Molecules as Î±-Glucosidase and Î±-Amylase Inhibitors: Design, Synthesis, Kinetic Evaluation, Molecular Docking and Pharmacokinetics. <i>Molecules</i> , 2019, 24, 1511.	3.8	39
62	Modulating the burst drug release effect of waterborne polyurethane matrix by modifying with polymethylmethacrylate. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47253.	2.6	39
63	Iminothiazolineâ€“Sulfonamide Hybrids as Jack Bean Urease Inhibitors; Synthesis, Kinetic Mechanism and Computational Molecular Modeling. <i>Chemical Biology and Drug Design</i> , 2016, 87, 434-443.	3.2	38
64	Mesoporous bioactive glass-polyurethane nanocomposites as reservoirs for sustained drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 806-811.	5.0	38
65	Hybrid Pharmacophoric Approach in the Design and Synthesis of Coumarin Linked Pyrazolanyl as Urease Inhibitors, Kinetic Mechanism and Molecular Docking. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700035.	2.1	37
66	Natural isocoumarins: Structural styles and biological activities, the revelations carry on â€“.. <i>Phytochemistry</i> , 2021, 181, 112568.	2.9	37
67	Synthesis of thermally stable high gloss water dispersible polyurethane/polyacrylate resins. <i>Progress in Organic Coatings</i> , 2013, 76, 1135-1143.	3.9	36
68	Enzyme inhibitory activities an insight into the structureâ€“Activity relationship of biscoumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 386-403.	5.5	36
69	Synthesis of sulfadiazinyl acyl/aryl thiourea derivatives as calf intestinal alkaline phosphatase inhibitors, pharmacokinetic properties, lead optimization, Lineweaver-Burk plot evaluation and binding analysis. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3707-3715.	3.0	35
70	Efficient synthesis of some 3-substituted-1(2H)-isoquinolones. <i>Pharmaceutical Chemistry Journal</i> , 2008, 42, 277-280.	0.8	34
71	Synthesis and Biological Evaluation of 3â€“thiazolocoumarinyl Schiffâ€“base Derivatives as Cholinesterase Inhibitors. <i>Chemical Biology and Drug Design</i> , 2012, 80, 605-615.	3.2	34
72	Design, synthesis, molecular docking studies and in vitro screening of ethyl 4-(3-benzoylthioureido) benzoates as urease inhibitors. <i>Bioorganic Chemistry</i> , 2014, 52, 1-7.	4.1	34

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73	Identification of sulfonic acids as efficient ecto-5'-nucleotidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 685-691.	5.5	33
74	Essential oils of aromatic Egyptian plants repel nymphs of the tick <i>Ixodes ricinus</i> (Acari: Ixodidae). <i>Experimental and Applied Acarology</i> , 2017, 73, 139-157.	1.6	33
75	Plants mentioned in the Islamic Scriptures (Holy Qur'ân and Ahadith): Traditional uses and medicinal importance in contemporary times. <i>Journal of Ethnopharmacology</i> , 2019, 243, 112007.	4.1	33
76	Synthesis, crystal X-ray diffraction structure, vibrational properties and quantum chemical calculations on 1-(4-(4-Fluorobenzamido)phenyl)-3-(4-fluorobenzoyl)thiourea. <i>Journal of Molecular Structure</i> , 2010, 984, 240-245.	3.6	32
77	Structural and vibrational study on N-(biphenyl-2-thiocarbamoyl)-4-phenylcarboxamide. <i>Journal of Molecular Structure</i> , 2011, 985, 57-62.	3.6	32
78	New 1-octanoyl-3-aryl thiourea derivatives: Solvent-free synthesis, characterization and multi-target biological activities. <i>Bangladesh Journal of Pharmacology</i> , 2016, 11, 894.	0.4	32
79	Design, synthesis, molecular docking studies of organotin-drug derivatives as multi-target agents against antibacterial, antifungal, α -amylase, α -glucosidase and butyrylcholinesterase. <i>Inorganica Chimica Acta</i> , 2017, 464, 204-213.	2.4	32
80	Novel Guanidine Compound against Multidrug-Resistant Cystic Fibrosis-Associated Bacterial Species. <i>Molecules</i> , 2018, 23, 1158.	3.8	32
81	Truffles: From Islamic culture to chemistry, pharmacology, and food trends in recent times. <i>Trends in Food Science and Technology</i> , 2019, 91, 193-218.	15.1	32
82	Advances in transition-metal-catalyzed synthesis of 3-substituted isocoumarins. <i>Journal of Organometallic Chemistry</i> , 2017, 834, 88-103.	1.8	31
83	Long chain 1-acyl-3-arylthioureas as jack bean urease inhibitors, synthesis, kinetic mechanism and molecular docking studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 77, 54-63.	5.3	31
84	Exploring biological efficacy of coumarin clubbed thiazolo[3,2-b][1,2,4]triazoles as efficient inhibitors of urease: A biochemical and in silico approach. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 345-354.	7.5	31
85	Effect of fluorine substitution on the crystal structures and vibrational properties of phenylthiourea isomers. <i>Journal of Molecular Structure</i> , 2010, 982, 91-99.	3.6	30
86	A monoclinic polymorph of N-(3-chlorophenyl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2808-o2809.	0.2	30
87	Jack Bean Urease Inhibitors, and Antioxidant Activity Based on Palmitic acid Derived 1-acyl-3-Arylthioureas: Synthesis, Kinetic Mechanism and Molecular Docking Studies. <i>Drug Research</i> , 2017, 67, 596-605.	1.7	30
88	New cholinesterase inhibitors for Alzheimer's disease: Structure activity relationship, kinetics and molecular docking studies of α -butanoyl α -arylthiourea derivatives. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 144-150.	7.5	30
89	Development of Multi-concentration Cu:Ag Bimetallic Nanoparticles as a Promising Bactericidal for Antibiotic-Resistant Bacteria as Evaluated with Molecular Docking Study. <i>Nanoscale Research Letters</i> , 2021, 16, 91.	5.7	30
90	Unraveling the Alkaline Phosphatase Inhibition, Anticancer, and Antileishmanial Potential of Coumarin-Triazolothiadiazine Hybrids: Design, Synthesis, and Molecular Docking Analysis. <i>Archiv Der Pharmazie</i> , 2016, 349, 553-565.	4.1	29

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91	Design and synthesis of 2,6-di(substituted phenyl)thiazolo[3,2-b]-1,2,4-triazoles as α -glucosidase and α -amylase inhibitors, co-relative Pharmacokinetics and 3D QSAR and risk analysis. Biomedicine and Pharmacotherapy, 2017, 94, 499-513.	5.6	29
92	Synthesis and antibacterial activity of some new 1-aryl-3-(substituted-2-benzothiazolyl)thioureas. Pharmaceutical Chemistry Journal, 2008, 42, 191.	0.8	28
93	Synthesis, computational studies and biological evaluation of new 1-acetyl-3-aryl thiourea derivatives as potent cholinesterase inhibitors. Medicinal Chemistry Research, 2017, 26, 1635-1646.	2.4	28
94	Hydroxycinnamic Acids: Natural Sources, Biosynthesis, Possible Biological Activities, and Roles in Islamic Medicine. Studies in Natural Products Chemistry, 2018, 55, 269-292.	1.8	28
95	Exploration of carboxy pyrazole derivatives: Synthesis, alkaline phosphatase, nucleotide pyrophosphatase/phosphodiesterase and nucleoside triphosphate diphosphohydrolase inhibition studies with potential anticancer profile. European Journal of Medicinal Chemistry, 2018, 156, 461-478.	5.5	28
96	Developing new hybrid scaffold for urease inhibition based on carbazole-chalcone conjugates: Synthesis, assessment of therapeutic potential and computational docking analysis. Bioorganic and Medicinal Chemistry, 2019, 27, 115123.	3.0	28
97	Novel adamantyl clubbed iminothiazolidinones as promising elastase inhibitors: design, synthesis, molecular docking, ADMET and DFT studies. RSC Advances, 2022, 12, 11974-11991.	3.6	28
98	Potassium-doped mesoporous bioactive glass: Synthesis, characterization and evaluation of biomedical properties. Materials Science and Engineering C, 2017, 75, 836-844.	7.3	27
99	Synthesis, biological evaluation and computational studies of novel iminothiazolidinone benzenesulfonamides as potent carbonic anhydrase II and IX inhibitors. Bioorganic Chemistry, 2018, 77, 381-386.	4.1	27
100	Synthesis, bioactivity and binding energy calculations of novel 3-ethoxysalicylaldehyde based thiosemicarbazone derivatives. Bioorganic Chemistry, 2020, 100, 103924.	4.1	27
101	Synthesis and bioactivity of some new 1-tolyl-3-aryl-4-methylimidazole-2-thiones. Medicinal Chemistry Research, 2007, 16, 143-154.	2.4	26
102	Design, synthesis and molecular modelling of novel methyl[4-oxo-2-(arylimino)-3-(substituted)]thiazolidinones. MedChemComm, 2012, 3, 1428.	3.4	26
103	α -(Hetero(aryl)methylene)hydrazine α -carbothioamides as Potent Urease Inhibitors. Chemical Biology and Drug Design, 2015, 85, 225-230.	3.2	26
104	Close insight into the nature of intermolecular interactions in dihydropyrimidine-2(1H)-thione derivatives. CrystEngComm, 2017, 19, 1495-1508.	2.6	26
105	New prospects for the development of selective inhibitors of α -glucosidase based on coumarin-iminothiazolidinone hybrids: Synthesis, in-vitro biological screening and molecular docking analysis. Journal of the Taiwan Institute of Chemical Engineers, 2017, 81, 119-133.	5.3	26
106	Vibrational spectra and molecular structure of isomeric 1-(adamantan-1-ylcarbonyl)-3-(dichlorophenyl)thioureas. Journal of Molecular Structure, 2017, 1129, 283-291.	3.6	26
107	Sodium borohydride reduction of aromatic carboxylic acids via methyl esters. Journal of Chemical Sciences, 2006, 118, 419-423.	1.5	25
108	Synthesis, structural and vibrational properties of 1-(4-Fluorobenzoyl)-3-(isomeric) thiazolidinones. Journal of Molecular Structure, 2017, 1129, 283-291.	3.6	25

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109	Isonicotinohydrazone as inhibitors of alkaline phosphatase and ecto-5'-nucleotidase. <i>Chemical Biology and Drug Design</i> , 2017, 89, 365-370.	3.2	25
110	Synthesis of aryl pyrazole via Suzuki coupling reaction, in vitro mushroom tyrosinase enzyme inhibition assay and in silico comparative molecular docking analysis with Kojic acid. <i>Bioorganic Chemistry</i> , 2018, 79, 293-300.	4.1	25
111	An investigation of supramolecular synthons in 1,2,4-triazole-3(4H)-thione compounds. X-ray crystal structures, energetic and Hirshfeld surface analysis. <i>Journal of Molecular Structure</i> , 2019, 1195, 796-806.	3.6	25
112	Novel N-acyl-1H-imidazole-1-carbothioamides: Design, Synthesis, Biological and Computational Studies. <i>Chemistry and Biodiversity</i> , 2020, 17, e1900509.	2.1	25
113	On the roles of close shell interactions in the structure of acyl-substituted hydrazones: An experimental and theoretical approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 157, 138-145.	3.9	24
114	Synthesis, enzyme inhibitory kinetics, and computational studies of novel 2-(4-isobutylphenyl)-1,2,3-triazoles. <i>Journal of Molecular Structure</i> , 2019, 1195, 434-447.	3.2	24
115	A highly promising approach for the one-pot synthesis of biscoumarins using HY zeolite as recyclable and green catalyst. <i>Journal of Porous Materials</i> , 2019, 26, 455-466.	2.6	24
116	Synthesis, antibacterial activity and molecular docking study of vanillin derived 1,4-disubstituted 1,2,3-triazoles as inhibitors of bacterial DNA synthesis. <i>Heliyon</i> , 2019, 5, e02812.	3.2	24
117	Developments in the synthesis of the antiplatelet and antithrombotic drug (S)-clopidogrel. <i>Chirality</i> , 2017, 29, 684-707.	2.6	23
118	Intermolecular interactions in antipyrine-like derivatives 2-halo-N-(1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)benzamides: X-ray structure, Hirshfeld surface analysis and DFT calculations. <i>New Journal of Chemistry</i> , 2020, 44, 19541-19554.	2.8	23
119	Exploring natural products-based cancer therapeutics derived from Egyptian flora. <i>Journal of Ethnopharmacology</i> , 2021, 269, 113626.	4.1	23
120	Synthesis and antimicrobial activity of some novel 2-(substituted fluorobenzoylimino)-3-(substituted) thioureas. <i>Journal of Molecular Structure</i> , 2019, 1195, 197-222.	1.9	22
121	The role of substituents in the molecular and crystal structure of 1-(adamantane-1-carbonyl)-3-(mono)- and 3,3-(di) substituted thioureas. <i>Journal of Molecular Structure</i> , 2014, 1065-1066, 150-159.	3.6	22
122	Carbonic anhydrase inhibition by 1-aryl-3-(4-aminosulfonylphenyl)thioureas. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 901-905.	5.2	22
123	One-pot access to a privileged library of six membered nitrogenous heterocycles through multi-component cascade approach. <i>Research on Chemical Intermediates</i> , 2016, 42, 5147-5196.	2.7	22
124	Green synthesis of ultrafine super-paramagnetic magnetite nano-fluid: a magnetic and dielectric study. <i>Chemical Papers</i> , 2017, 71, 1445-1451.	2.2	22
125	DABCO-PEG ionic liquid-based synthesis of acridine analogous and its inhibitory activity on alkaline phosphatase. <i>Synthetic Communications</i> , 2018, 48, 462-472.	2.1	22
126	Experimental, theoretical, and surface study for corrosion inhibition of mild steel in 1M HCl by using synthetic anti-biotic derivatives. <i>Ionics</i> , 2019, 25, 5057-5075.	2.4	22

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127	Drug-1,3,4-Thiadiazole Conjugates as Novel Mixed-Type Inhibitors of Acetylcholinesterase: Synthesis, Molecular Docking, Pharmacokinetics, and ADMET Evaluation. <i>Molecules</i> , 2019, 24, 860.	3.8	22
128	TiO ₂ Co-doped with Zr and Ag shows highly efficient visible light photocatalytic behavior suitable for treatment of polluted water. <i>RSC Advances</i> , 2020, 10, 42235-42248.	3.6	22
129	Hydrazine clubbed 1,3-thiazoles as potent urease inhibitors: design, synthesis and molecular docking studies. <i>Molecular Diversity</i> , 2021, 25, 1-13.	3.9	22
130	An easy assembled fluorescent sensor for dicarboxylates and acidic amino acids. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 75-81.	2.2	21
131	Synthesis, molecular modelling and biological evaluation of tetrasubstituted thiazoles towards cholinesterase enzymes and cytotoxicity studies. <i>Bioorganic Chemistry</i> , 2018, 78, 141-148.	4.1	21
132	Novel 1,3,4-oxazine-tetrazole hybrids as mushroom tyrosinase inhibitors and free radical scavengers: Synthesis, kinetic mechanism, and molecular docking studies. <i>Chemical Biology and Drug Design</i> , 2019, 93, 123-131.	3.2	21
133	Synthesis, molecular docking and kinetic studies of novel quinolinyl based acyl thioureas as mushroom tyrosinase inhibitors and free radical scavengers. <i>Bioorganic Chemistry</i> , 2019, 90, 103063.	4.1	21
134	Synthesis, conformational studies and NBO analysis of (4-chloro-3,5-dimethyl-1H-pyrazol-1-yl)ethanone. <i>Journal of Molecular Structure</i> , 2019, 1179, 390-400.	3.6	21
135	Functionalized furo[3,2-c]coumarins as anti-proliferative, anti-lipolytic, and anti-inflammatory compounds: Synthesis and molecular docking studies. <i>Journal of Molecular Structure</i> , 2019, 1179, 390-400.	3.6	21
136	Bee Stressors from an Immunological Perspective and Strategies to Improve Bee Health. <i>Veterinary Sciences</i> , 2022, 9, 199.	1.7	21
137	Novel One-Pot Three-Component Reaction for the Synthesis of Functionalized Spiroquinazolinones. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1559-1564.	2.6	20
138	Synthesis, molecular docking and biological evaluation of new thiazolopyrimidine carboxylates as potential antidiabetic and antibacterial agents. <i>Research on Chemical Intermediates</i> , 2016, 42, 1139-1163.	2.7	20
139	Synthesis, characterization and biological evaluation of novel chalcone sulfonamide hybrids as potent intestinal alkaline phosphatase inhibitors. <i>Bioorganic Chemistry</i> , 2017, 70, 229-236.	4.1	20
140	Spectroscopic, molecular docking and structural activity studies of (E)-N ² -(substituted) thiazolopyrimidine-5-carboxylates as potential antidiabetic and antibacterial agents. <i>Journal of Molecular Structure</i> , 2017, 1139, 371-380.	3.6	20
141	An expedient synthesis of N ² -(substituted) thiazolopyrimidine-5-carboxylates as potential antidiabetic and antibacterial agents: Kinetic mechanism and molecular docking studies. <i>Chemical Biology and Drug Design</i> , 2017, 90, 764-777.	3.2	20
142	4-Aminopyridine based amide derivatives as dual inhibitors of tissue non-specific alkaline phosphatase and ecto-5'-nucleotidase with potential anticancer activity. <i>Bioorganic Chemistry</i> , 2018, 76, 237-248.	4.1	20
143	Alpinia zerumbet (Pers.): Food and Medicinal Plant with Potential In Vitro and In Vivo Anti-Cancer Activities. <i>Molecules</i> , 2019, 24, 2495.	3.8	20
144	Synthesis, X-ray crystal structure elucidation and Hirshfeld surface analysis of N ² -(4-(1H-benzimidazole-2-yl)phenyl)carbamothioyl)benzamide: investigations for elastase inhibition, antioxidant and DNA binding potentials for biological applications. <i>RSC Advances</i> , 2020, 10, 20837-20851.	3.6	20

#	ARTICLE	IF	CITATIONS
145	Synthesis, crystal structure of some new 2-(4-methylbenzoylimino)-3-aryl-4-methyl-1,3-thiazolines. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1027-1030.	2.6	19
146	Synthesis and Crystal Structure of Some Novel 2-Aroylimino-3-aryl-4-phenyl-1,3-thiazolines. <i>Synthetic Communications</i> , 2008, 38, 2185-2199.	2.1	19
147	Suzuki-Miyaura reactions of N-protected tribromopyrazoles. Efficient and site-selective synthesis of 3,4,5-triaryl-pyrazoles, 3,5-diaryl-4-bromopyrazoles and 5-aryl-3,4-dibromopyrazoles. <i>Tetrahedron</i> , 2011, 67, 5244-5253.	1.9	19
148	Twisted Imide Bond in Noncyclic Imides. Synthesis and Structural and Vibrational Properties of <i>N,N</i> -Bis(furan-2-carbonyl)-4-chloroaniline. <i>Journal of Organic Chemistry</i> , 2012, 77, 4688-4695.	3.2	19
149	Carbazole/fluorene based conjugated small molecules: synthesis and comparative studies on the optical, thermal and electrochemical properties. <i>RSC Advances</i> , 2015, 5, 48760-48768.	3.6	19
150	Synthetic approaches towards the multi target drug spironolactone and its potent analogues/derivatives. <i>Steroids</i> , 2017, 118, 76-92.	1.8	19
151	Review on asymmetric synthetic methodologies for chiral isoquinolidines; 2008 to date. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 1445-1461.	1.8	19
152	Investigation of potent inhibitors of cholinesterase based on thiourea and pyrazoline derivatives: Synthesis, inhibition assay and molecular modeling studies. <i>Bioorganic Chemistry</i> , 2019, 90, 103036.	4.1	19
153	One-pot four-component synthesis of thiazolidin-2-imines using CuI/ZnII dual catalysis: A new class of acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 84, 518-528.	4.1	19
154	Synthesis, X-ray, Hirshfeld surface analysis, exploration of DNA binding, urease enzyme inhibition and anticancer activities of novel adamantane-naphthyl thiourea conjugate. <i>Bioorganic Chemistry</i> , 2021, 109, 104707.	4.1	19
155	Identification of Small Molecule Sulfonic Acids as Ecto-5'-Nucleotidase Inhibitors. <i>Medicinal Chemistry</i> , 2012, 8, 1133-1139.	1.5	19
156	Synthesis and bioactivity of xyridin A and B, metabolites from <i>Xyris indica</i> . <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 337-340.	2.6	18
157	Synthesis of some 3-aryl-4-isochromene-1-thiones. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 679-682.	2.6	18
158	The effect of AlBr ₃ additive on the thermal degradation of PMMA A study using TG-DTA-DTG, IR and PY-GC-MS techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 96, 873-881.	3.6	18
159	Benzothiazolyl substituted iminothiazolidinones and benzamido-oxothiazolidines as potent and partly selective aldose reductase inhibitors. <i>MedChemComm</i> , 2014, 5, 1371-1380.	3.4	18
160	Exploration of aryl/heteroaryl iminothiazolines featuring 2,4,5-trichlorophenyl moiety as a new class of potent, selective, and in vitro efficacious glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2017, 74, 134-144.	4.1	18
161	Dual Inhibition of AChE and BChE with the C-5 Substituted Derivative of Meldrum's Acid: Synthesis, Structure Elucidation, and Molecular Docking Studies. <i>Crystals</i> , 2017, 7, 211.	2.2	18
162	Synthesis, molecular docking and comparative efficacy of various alkyl/aryl thioureas as antibacterial, antifungal and α -amylase inhibitors. <i>Computational Biology and Chemistry</i> , 2018, 77, 193-198.	2.3	18

#	ARTICLE	IF	CITATIONS
163	WOWS Solâ€“Gel Based Synthesis and Structural, Morphological, Electrical and Magnetic Characterization of Co-Sm Doped M-Type Barium Hexaferrite Materials. <i>Journal of Electronic Materials</i> , 2018, 47, 7011-7022.	2.2	18
164	Design, synthesis and biological evaluation of trinary benzocoumarin-thiazoles-azomethines derivatives as effective and selective inhibitors of alkaline phosphatase. <i>Bioorganic Chemistry</i> , 2019, 91, 103137.	4.1	18
165	Bis-Schiff bases of 2,2â€“dibromobenzidine as efficient corrosion inhibitors for mild steel in acidic medium. <i>RSC Advances</i> , 2020, 10, 4499-4511.	3.6	18
166	Synthesis, characterization, antimicrobial, antioxidant and computational evaluation of N-acyl-morpholine-4-carbothioamides. <i>Molecular Diversity</i> , 2021, 25, 763-776.	3.9	18
167	Synthesis of (±)-kigelin. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 739-742.	0.6	17
168	Synthesis of 6-O-methyl ether of Scorzocreticin and Scorzocreticoside I, metabolites from <i>Sorzonera cretica</i> . <i>Journal of Asian Natural Products Research</i> , 2006, 8, 417-423.	1.4	17
169	Journey of the ALK-inhibitor CH5424802 to phase II clinical trial. <i>Archives of Pharmacal Research</i> , 2013, 36, 1051-1054.	6.3	17
170	Phaseâ€“Controlled Deposition of Copper Sulfide Thin Films by Using Singleâ€“Molecular Precursors. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 533-538.	2.0	17
171	Design, synthesis and docking studies of some novel isocoumarin analogues as antimicrobial agents. <i>RSC Advances</i> , 2014, 4, 53842-53853.	3.6	17
172	C H Arylation using acyl thiourea ligands: Applications in the synthesis of 3,6-diaryl-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazoles. <i>Chinese Chemical Letters</i> , 2016, 27, 37-40.	9.0	17
173	New acid dyes and their metal complexes based on substituted phenols for leather: Synthesis, characterization and optical studies. <i>Journal of Applied Research and Technology</i> , 2017, 15, 346-355.	0.9	17
174	Symmetrical aryl linked bis-iminothiazolidinones as new chemical entities for the inhibition of monoamine oxidases: Synthesis, in vitro biological evaluation and molecular modelling analysis. <i>Bioorganic Chemistry</i> , 2017, 70, 17-26.	4.1	17
175	Synthesis and Molecular Docking Studies of (E)-4-(Substituted-benzylideneamino)-2H-Chromen-2-one Derivatives: Entry to New Carbonic Anhydrase Class Of Inhibitors. <i>Drug Research</i> , 2018, 68, 378-386.	1.7	17
176	Synthesis, single crystal analysis, biological and docking evaluation of tetrazole derivatives. <i>Heliyon</i> , 2018, 4, e00792.	3.2	17
177	Investigation of new quinoline derivatives as promising inhibitors of NTPDases: Synthesis, SAR analysis and molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 87, 218-226.	4.1	17
178	Investigation on the effect of alkyl chain linked mono-thioureas as Jack bean urease inhibitors, SAR, pharmacokinetics ADMET parameters and molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 86, 473-481.	4.1	17
179	Robust therapeutic potential of carbazole-triazine hybrids as a new class of urease inhibitors: A distinctive combination of nitrogen-containing heterocycles. <i>Bioorganic Chemistry</i> , 2020, 95, 103479.	4.1	17
180	Synthesis, inhibition studies against AChE and BChE, drug-like profiling, kinetic analysis and molecular docking studies of N-(4-phenyl-3-aryl-2(3H)-ylidene) substituted acetamides. <i>Journal of Molecular Structure</i> , 2020, 1203, 127459.	3.6	17

#	ARTICLE	IF	CITATIONS
181	Synthesis of biphenyl oxazole derivatives via Suzuki coupling and biological evaluations as nucleotide pyrophosphatase/phosphodiesterase-1 and -3 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112759.	5.5	17
182	Synthesis, characterization, in vitro tissue-nonspecific alkaline phosphatase (TNAP) and intestinal alkaline phosphatase (IAP) inhibition studies and computational evaluation of novel thiazole derivatives. <i>Bioorganic Chemistry</i> , 2020, 102, 104088.	4.1	17
183	New acetylphenol-based acyl thioureas broaden the scope of drug candidates for urease inhibition: synthesis, in vitro screening and in silico analysis. <i>International Journal of Biological Macromolecules</i> , 2022, 198, 157-167.	7.5	17
184	Synthesis of 6,8-Dihydroxy-3-(2-Acetyl-5-Dihydroxyphenyl)Methylisocoumarin Related to Feralolide. <i>Natural Product Research</i> , 2004, 18, 373-378.	1.8	16
185	Synthesis and characterization of high wash fastness novel azo reactive dyes incorporating aromatic bridged diamines. <i>Arabian Journal of Chemistry</i> , 2018, 11, 111-119.	4.9	16
186	Aroylthiourea derivatives of ciprofloxacin drug as DNA binder: Theoretical, spectroscopic and electrochemical studies along with cytotoxicity assessment. <i>Archives of Biochemistry and Biophysics</i> , 2019, 666, 83-98.	3.0	16
187	An efficient synthesis of 3,5-dimethoxyhomophthalic acid, a key intermediate for synthesis of natural isocoumarins. <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 519-522.	2.6	15
188	A comparative study of EDTA-gel derived BSCCO and Pb-BSCCO systems by thermoanalytical and X-ray diffraction techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 81, 363-367.	3.6	15
189	Pharmacological Evaluation and Docking Studies of 3-Thiadiazolyl- and Thioxo-1,2,4-triazolylcoumarin Derivatives as Cholinesterase Inhibitors. <i>ISRN Pharmacology</i> , 2012, 2012, 1-11.	1.6	15
190	Synthesis and Antiviral Activity of New Substituted Methyl [2-(arylmethylene-hydrazino)-4-thiazolidin-5-ylidene]acetates. <i>Archiv Der Pharmazie</i> , 2013, 346, 618-625.	4.1	15
191	3-(5-(Benzylideneamino)thiazol-3-yl)-2H-chromen-2-ones: a new class of alkaline phosphatase and ecto-5-nucleotidase inhibitors. <i>RSC Advances</i> , 2016, 6, 21026-21036.	3.6	15
192	A review on the synthetic approaches of rivaroxaban: An anticoagulant drug. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 485-504.	1.8	15
193	Synthesis, computational studies and enzyme inhibitory kinetics of substituted tyrosinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5929-5938.	3.0	15
194	Zinc(II)-Catalyzed Synthesis of Propargylamines by Coupling Aldimines and Ketimines with Alkynes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 78-88.	2.4	15
195	SYNTHESIS, CHARACTERIZATION AND UREASE INHIBITION STUDIES OF TRANSITION METAL COMPLEXES OF THIOUREAS BEARING IBUPROFEN MOIETY. <i>Journal of the Chilean Chemical Society</i> , 2018, 63, 3934-3940.	1.2	15
196	Structure elucidation, DNA binding, DFT, molecular docking and cytotoxic activity studies on novel single crystal (E)-1-(2-fluorobenzylidene)thiosemicarbazide. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 1003-1013.	5.2	15
197	A combined experimental and theoretical analysis of the solid-state supramolecular self-assembly of N-(2,4-dichlorophenyl)-1-naphthamide: Synthesis, anticholinesterase potential and molecular docking analysis. <i>Journal of Molecular Structure</i> , 2019, 1197, 458-470.	3.6	15
198	Ibuprofen-thiadiazole hybrid compounds: Synthesis, vibrational analysis and molecular structure of 5-(1-(4-isobutylphenyl)ethyl)-1,3,4-thiadiazol-2-amine hydrochloride. <i>Journal of Molecular Structure</i> , 2019, 1179, 11-17.	3.6	15

#	ARTICLE	IF	CITATIONS
199	Assessing the effectiveness of oxidative approaches for the synthesis of aldehydes and ketones from oxidation of iodomethyl group. <i>Chemical Papers</i> , 2019, 73, 1053-1067.	2.2	15
200	Synthesis of Montroumarin. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003, 58, 691-696.	1.4	14
201	The crystal structure of 1-(4-chlorophenyl)-3-(4-methylbenzoyl)thiourea. <i>Open Chemistry</i> , 2005, 3, 780-791.	1.9	14
202	Recent synthetic approaches to fipronil, a super-effective and safe pesticide. <i>Research on Chemical Intermediates</i> , 2016, 42, 6805-6813.	2.7	14
203	Metal-free synthesis of isocoumarins (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 450-452.	1.2	14
204	Investigations on Anticancer Potentials by DNA Binding and Cytotoxicity Studies for Newly Synthesized and Characterized Imidazolidine and Thiazolidine-Based Isatin Derivatives. <i>Molecules</i> , 2022, 27, 354.	3.8	14
205	A facile synthesis of cytogenin (8-hydroxy-3-hydroxymethyl-6-methoxyisocoumarin). <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 975-978.	2.6	13
206	Synthesis, Characterization and Crystal Structure of Some Novel 1-Aryl-2-Thioxo-2,3-Dihydro-1 <i>H</i> -Quinazolin-4-Ones. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 82-88.	1.2	13
207	Novel carbazole-pyridine copolymers by an economical method: synthesis, spectroscopic and thermochemical studies. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 638-647.	2.2	13
208	New fluorescent symmetrically substituted perylene-3,4,9,10-dianhydride-azohybrid dyes: Synthesis and spectroscopic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 7-12.	3.9	13
209	Total synthesis of achlisocoumarins I-II from <i>Achlys triphylla</i> . <i>Tetrahedron</i> , 2014, 70, 1401-1407.	1.9	13
210	New CYP17 Hydroxylase Inhibitors: Synthesis, Biological Evaluation, QSAR, and Molecular Docking Study of New Pregnenolone Analogs. <i>Archiv Der Pharmazie</i> , 2014, 347, 896-907.	4.1	13
211	Green Synthesis, Characterization and Electrochemical Behavior of New Thiazole Based Coumarinyl Scaffolds. <i>Journal of Fluorescence</i> , 2016, 26, 1067-1076.	2.5	13
212	Stereoselective synthetic approaches towards (S)-duloxetine: 2000 to date. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 1101-1112.	1.8	13
213	Quantitative investigation of C-H...N and other intermolecular interactions in a series of crystalline N-(substituted phenyl)-2-naphthamide derivatives. <i>CrystEngComm</i> , 2017, 19, 5473-5491.	2.6	13
214	Substituted (E)-2-(2-benzylidenehydrazinyl)-4-methylthiazole-5-carboxylates as dual inhibitors of 15-lipoxygenase & carbonic anhydrase II: synthesis, biochemical evaluation and docking studies. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 176-181.	2.1	13
215	Detailed investigation of anticancer activity of sulfamoyl benz(sulfon)amides and 1H-pyrazol-4-yl benzamides: An experimental and computational study. <i>European Journal of Pharmacology</i> , 2018, 832, 11-24.	3.5	13
216	Synthetic Approaches to the Multifunctional Drug Ebselen and Analogs: Past and Present. <i>Mini-Reviews in Organic Chemistry</i> , 2016, 13, 312-324.	1.3	13

#	ARTICLE	IF	CITATIONS
217	The synthesis of ϵ -peniolactol and some related compounds. Liebigs Annalen, 1995, 1995, 711-713.	0.8	12
218	Oxa-Pictet-Spengler reaction in water. Synthesis of some (\pm) -1-aryl-6,7-dimethoxyisochromans. Chinese Chemical Letters, 2010, 21, 261-264.	9.0	12
219	Novel Stilbene-triazine Symmetrical Optical Brighteners: Synthesis and Applications. Journal of Fluorescence, 2014, 24, 1119-1127.	2.5	12
220	Imidazole and its derivatives as potential candidates for drug development. Bangladesh Journal of Pharmacology, 2016, 11, 756.	0.4	12
221	Novel isochroman-triazoles and thiaziazole hybrids: Design, synthesis and antimicrobial activity. Journal of Saudi Chemical Society, 2017, 21, 186-192.	5.2	12
222	Synthesis, Antibacterial and Antileishmanial Activity, Cytotoxicity, and Molecular Docking of New Heteroleptic Copper(I) Complexes with Thiourea Ligands and Triphenylphosphine. Russian Journal of General Chemistry, 2018, 88, 541-550.	0.8	12
223	Recent Synthetic Approaches to 3,3 ϵ^2 -(Methylene)bis(Coumarins). Organic Preparations and Procedures International, 2019, 51, 199-239.	1.3	12
224	Synthesis of sulfonamide, amide and amine hybrid pharmacophore, an entry of new class of carbonic anhydrase II inhibitors and evaluation of chemo-informatics and binding analysis. Bioorganic Chemistry, 2019, 86, 624-630.	4.1	12
225	Structural and functional insight into thiazolidinone derivatives as novel candidates for anticancer drug design: in vitro biological and in-silico strategies. Journal of Biomolecular Structure and Dynamics, 2023, 41, 942-953.	3.5	12
226	Ultrasound assisted synthesis of 5 ϵ -7 membered heterocyclic rings in organic molecules. Journal of Heterocyclic Chemistry, 2022, 59, 1669-1702.	2.6	12
227	Synthesis, characterization of some new 1-aryl-3-(4-aminosulfonylphenyl)thioureas and crystal structure of 1-(3,4,5-trimethoxybenzoyl)-3-(4-aminosulfonylphenyl)thiourea. Journal of Sulfur Chemistry, 2011, 32, 45-54.	2.0	11
228	Biological Evaluation of Azomethine-dihydroquinazolinone Conjugates as Cancer and Cholinesterase Inhibitors. Medicinal Chemistry, 2016, 12, 74-82.	1.5	11
229	A Green Mechanochemical Synthesis of New 3,5 ϵ -Dimethyl ϵ^4 -(arylsulfanyl)pyrazoles. Journal of Heterocyclic Chemistry, 2017, 54, 780-783.	2.6	11
230	Application of Lawesson ϵ^TM s reagent in the synthesis of sulfur-containing medicinally significant natural alkaloids. Journal of Sulfur Chemistry, 2017, 38, 206-227.	2.0	11
231	Synthesis and enzyme inhibitory kinetics of some novel 3-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (benzoyl)- Chemistry Research, 2018, 27, 1528-1537.	2.4	11
232	One-pot synthesis, quantum chemical calculations and X-ray diffraction studies of thiazolyl-coumarin hybrid compounds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 198, 290-296.	3.9	11
233	Densely substituted piperidines as a new class of elastase inhibitors: Synthesis and molecular modeling studies. Archiv Der Pharmazie, 2019, 352, e1900061.	4.1	11
234	Terpyridine-Pr-Fe ϵ_3O_4 @boehmite nanoparticles; a novel and highly effective magnetic nanocatalyst for preparation of cyclic carbonates from carbon dioxide and epoxides under solventless conditions. Materials Chemistry and Physics, 2019, 231, 272-280.	4.0	11

#	ARTICLE	IF	CITATIONS
235	Synthesis, computational studies and enzyme inhibitory kinetics of benzothiazole-linked thioureas as mushroom tyrosinase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 7035-7043.	3.5	11
236	Synthesis, characterization, alkaline phosphatase inhibition assay and molecular modeling studies of 1-benzylidene-2-(4-tert-butylthiazol-2-yl) hydrazines. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6140-6153.	3.5	11
237	New aryl Schiff bases of thiadiazole derivative of ibuprofen as DNA binders and potential anticancer drug candidates. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 3548-3564.	3.5	11
238	Facile synthesis of novel fluorescent thiazole coumarinyl compounds: Electrochemical, time resolve fluorescence, and solvatochromic study. <i>Journal of Molecular Structure</i> , 2021, 1227, 129422.	3.6	11
239	Biological Evaluation of Halogenated Thioureas as Cholinesterases Inhibitors Against Alzheimer's Disease & Molecular Modeling Studies. <i>Letters in Drug Design and Discovery</i> , 2015, 12, 488-494.	0.7	11
240	Exploring Amantadine Derivatives as Urease Inhibitors: Molecular Docking and Structure-Activity Relationship (SAR) Studies. <i>Molecules</i> , 2021, 26, 7150.	3.8	11
241	A Convenient Synthesis of 2-Arylindazol-3-Ones. <i>Synthetic Communications</i> , 1991, 21, 545-548.	2.1	10
242	Microwave-Assisted Synthesis of cAMP Phosphodiesterase Inhibitor 8-Hydroxy-6,7-dimethoxy-3-hydroxymethylisocoumarin. <i>Synthetic Communications</i> , 2007, 37, 1485-1490.	2.1	10
243	Synthesis, characterization and crystal structure of 1-(4-methylbenzoyl)-3-(4-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (a	10.6	10
244	Spectroscopic and electrochemical behavior of newly synthesized high fluorescent symmetric 4-nitrophenyl-3,4,9,10-perylenebisdiimide-azo hybrid dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 72-79.	3.9	10
245	Synthesis, characterization and biological evaluation of N-(2,3-dimethyl-5-oxo-1-phenyl-2,5-dihydro-1H-pyrazol-4-yl)benzamides. <i>RSC Advances</i> , 2015, 5, 86428-86439.	3.6	10
246	Recent resurgence toward the oxidation of heteroatoms using dimethyldioxirane as an exquisite oxidant. <i>Synthetic Communications</i> , 2017, 47, 835-852.	2.1	10
247	Applications of Keck allylation in the synthesis of natural products. <i>New Journal of Chemistry</i> , 2017, 41, 14804-14821.	2.8	10
248	Synthesis, carbonic anhydrase inhibitory activity and antioxidant activity of some 1,3-oxazine derivatives. <i>Drug Development Research</i> , 2018, 79, 352-361.	2.9	10
249	4-(4-Bromophenyl)thiazol-2-amine: Crystal structure determination, DFT calculations, visualizing intermolecular interactions using Hirshfeld surface analysis, and DNA binding studies. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3968.	1.9	10
250	Photoresponsive azobenzene ligand as an efficient electron acceptor for luminous CdTe quantum dots. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 375, 48-53.	3.9	10
251	A Review on the Scope of TFDO-Mediated Oxidation in Organic Synthesis-- Reactivity and Selectivity. <i>Current Organic Synthesis</i> , 2018, 15, 1091-1108.	1.3	10
252	An expeditious, solvent-free synthesis of some 5-aryl-2-(2-hydroxyphenyl)-1,3,4-oxadiazoles. <i>Chemistry of Heterocyclic Compounds</i> , 2007, 43, 1072-1075.	1.2	9

#	ARTICLE	IF	CITATIONS
253	Synthesis of highly functionalized 1,6-dihydropyridines <i>via</i> the Zn(OTf) ₂ -catalyzed three-component cascade reaction of aldimines and two alkynes (IA ² -coupling). <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3241-3247.	2.8	9
254	Chromium (III) complexes of azo dye ligands: Synthesis, characterization, DNA binding and application studies. <i>Inorganic and Nano-Metal Chemistry</i> , 2018, 48, 57-66.	1.6	9
255	Synthesis of Symmetric Bridged Bis-Pyrazolone Based Metal Complex Acid Dyes and their Applications on Leather. <i>Journal of Fluorescence</i> , 2018, 28, 1181-1193.	2.5	9
256	Extending the scope of amantadine drug by incorporation of phenolic azo Schiff bases as potent selective inhibitors of carbonic anhydrase <i>in vitro</i> , drug-likeness and binding analysis. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1692-1698.	3.2	9
257	Synthesis and Optical Study of Sensitive and Selective Calix[4] Based Cu ²⁺ Ion Detection Probes. <i>Russian Journal of General Chemistry</i> , 2019, 89, 813-818.	0.8	9
258	Deep eutectic ionic liquids based on DABCO-derived quaternary ammonium salts: A promising reaction medium in gaining access to terpyridines. <i>Frontiers of Chemical Science and Engineering</i> , 2019, 13, 586-598.	4.4	9
259	Structure and surface analysis of ibuprofen-organotin conjugate: Potential anti-cancer drug candidacy of the compound is proven by <i>in-vitro</i> DNA binding and cytotoxicity studies. <i>Polyhedron</i> , 2020, 192, 114845.	2.2	9
260	Bisthioureas of pimelic acid and 4-methylsalicylic acid derivatives as selective inhibitors of tissue-nonspecific alkaline phosphatase (TNAP) and intestinal alkaline phosphatase (IAP): Synthesis and molecular docking studies. <i>Bioorganic Chemistry</i> , 2020, 101, 103996.	4.1	9
261	An intramolecular 1,5-chalcogen bond on the conformational preference of carbonyl thiocarbamate species. <i>New Journal of Chemistry</i> , 2020, 44, 5243-5253.	2.8	9
262	Recent Applications of the Diels-Alder Reaction in the Synthesis of Natural Products (2017-2020). <i>Synthesis</i> , 2022, 54, 975-998.	2.3	9
263	4-Chloro-N-(3-methoxyphenyl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1976-o1976.	0.2	9
264	New Substituted Thiazol-2-ylidene-benzamides and Their Reaction with 1-Aza-2-azoniaallene Salts. Synthesis and anti-HIV Activity. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011, 66, 0512.	0.7	9
265	Cosmetic Applications of Bee Venom. <i>Toxins</i> , 2021, 13, 810.	3.4	9
266	A Short Total Synthesis of rac -Peniolactol. <i>Monatshefte Für Chemie</i> , 2003, 134, 457-463.	1.8	8
267	Synthesis of 8-Desoxythunberginol A and (±)-Desoxy-3,4-Dihydrothunberginol A. <i>Journal of the Chinese Chemical Society</i> , 2003, 50, 313-317.	1.4	8
268	1-(3-Methoxyphenyl)-3-(4-methylbenzoyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3695-o3695.	0.2	8
269	Efficient synthesis of some 3-arylisoquinolin-1(2H)-ones. <i>Chemistry of Heterocyclic Compounds</i> , 2008, 44, 967-972.	1.2	8
270	Synthesis of Some New 3-(5-(Arylamino)-1,3,4-thiadiazol-2-yl)-2H-chromen-2-ones and 3-(4-Aryl-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-3-yl)-2H-chromen-2-ones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1801-1810.	1.6	8

#	ARTICLE	IF	CITATIONS
271	Synthesis and characterization of thiophene-mediated hole transport materials for perovskite solar cells. <i>Synthetic Metals</i> , 2018, 241, 54-68.	3.9	8
272	Synthesis of novel (E)-1-(2-(2-(4(dimethylamino) benzylidene)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (hydrazinyl)-4-methoxy-2-phenyl-1,3,4-oxadiazole-5-thione. <i>Open Science</i> , 2018, 5, 180837.	2.4	8
273	1-(2-Hydroxy-5-((trimethylsilyl)ethynyl)phenyl)ethanone based $\hat{1}\pm, \hat{1}^2$ -unsaturated derivatives an alternate to non-sulfonamide carbonic anhydrase II inhibitors, synthesis via Sonogashira coupling, binding analysis, Lipinski's rule validation. <i>Bioorganic Chemistry</i> , 2019, 84, 170-176.	4.1	8
274	3-Aminobenzenesulfonamides incorporating acylthiourea moieties selectively inhibit the tumor-associated carbonic anhydrase isoform IX over the off-target isoforms I, II and IV. <i>Bioorganic Chemistry</i> , 2019, 82, 123-128.	4.1	8
275	Synthesis, structure elucidation and surface analysis of a new single crystal N-((2-(benzo [4,5]imidazo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 707 Td (hydrazinyl)-4-methoxy-2-phenyl-1,3,4-oxadiazole-5-thione) studies. <i>Journal of Molecular Structure</i> , 2020, 1205, 127496.	3.6	8
276	Design, Synthesis and Biological Evaluation of 2-(naphthoyl) iminothiazolidinones as Potential Anticancer Agents. <i>ChemistrySelect</i> , 2020, 5, 3965-3970.	1.5	8
277	Conformational and crystal structure of acyl thiourea compounds: The case of the simple (2,2-dimethyl-propionyl) thiourea derivative. <i>Journal of Molecular Structure</i> , 2020, 1215, 128227.	3.6	8
278	Effect of organic solvents on solvatochromic, fluorescence, and electrochemical properties of synthesized thiazolylcoumarin derivatives. <i>Luminescence</i> , 2021, 36, 1189-1197.	2.9	8
279	Synthesis, kinetics and biological assay of some novel aryl bis-thioureas: A potential drug candidates for Alzheimer's disease. <i>Journal of Molecular Structure</i> , 2021, 1246, 131136.	3.6	8
280	4-Chloro-N-(2-chlorophenyl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1934-o1934.	0.2	8
281	Synthesis of fluorinated 2,3-dihydropyran-4-ones by cyclocondensation of 1,3-dicarbonyl dianions with aldehydes. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 892-897.	1.7	7
282	Synthesis and antibacterial evaluation of typharin analog: 6,8-dihydroxy-7-methyl-3-styryl-3,4-dihydroisocoumarin. <i>Journal of Asian Natural Products Research</i> , 2013, 15, 130-135.	1.4	7
283	A combined experimental and theoretical study of the tautomeric and conformational properties of (5-phenyl-tetrazol-2-yl)-acetic acid methyl ester. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 1-8.	3.9	7
284	Applications of Lawesson's reagent in the synthesis of naturally occurring steroids and terpenoids. <i>Journal of Asian Natural Products Research</i> , 2017, 19, 1114-1123.	1.4	7
285	The role of Lawesson's reagent in the total synthesis of macrocyclic natural products. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 490-502.	1.6	7
286	Synthesis, biological evaluation and molecular docking studies of Mannich bases derived from 1, 3, 4-oxadiazole- 2-thiones as potential urease inhibitors. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 127.	0.3	7
287	Synthesis of and molecular docking studies of azomethine- tethered sulfonamides as carbonic anhydrase II & 15-lipoxygenase inhibitors. <i>Journal of Molecular Structure</i> , 2021, 1243, 130821.	3.6	7
288	An efficient synthetic approach toward a sporadic heterocyclic scaffold: 1,3-Oxathiol-2-ylidenes; alkaline phosphatase inhibition and molecular docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127238.	2.2	7

#	ARTICLE	IF	CITATIONS
289	2-Methyl-N-p-tolylbenzamide: a second monoclinic polymorph. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o911-o912.	0.2	7
290	Recent Progress in Pyridine Containing Heterocycles as High Performance Host Materials for Blue PHOLEDs. Mini-Reviews in Organic Chemistry, 2018, 15, 261-273.	1.3	7
291	The Development of Highly Fluorescent Hemicyanine and Dicyanoisophorone Dyes for Applications in Dye-Sensitized Solar Cells. Journal of Fluorescence, 2022, 32, 799.	2.5	7
292	Discovery of Phenylcarbamoylazine-1,2,4-Triazole Amides Derivatives as the Potential Inhibitors of Aldo-Keto Reductases (AKR1B1 & AKRB10): Potential Lead Molecules for Treatment of Colon Cancer. Molecules, 2022, 27, 3981.	3.8	7
293	Microwave-accelerated Synthesis of Some (Ar)5-chloroisochromans. Chinese Journal of Chemistry, 2008, 26, 1647-1650.	4.9	6
294	Microwave-accelerated synthesis of some 1-aryl-3,5-dimethylpyrazoles. Chinese Chemical Letters, 2008, 19, 1305-1308.	9.0	6
295	Synthesis, Characterization and Crystal Structure of Some Novel 1-(3,5-dimethyl-1 <i>H</i> -pyrazol-1-yl)-3-(substituted anilino)propan-1-ones. Chinese Journal of Chemistry, 2009, 27, 1141-1147.	4.9	6
296	Total synthesis of cytotoxic metabolite (±)-desmethyldiaportinol from <i>Ampelomyces</i> sp.. Natural Product Research, 2014, 28, 185-190.	1.8	6
297	Facile Access to 3,7-Dialkyltetrahydro-1 <i>H</i> ,5 <i>H</i> -[1,2,4]triazolo[1,2- <i>a</i>][1,2,4]triazole-1,5-dithiones. Synlett, 2016, 27, 1371-1374.	1.8	6
298	Research Advancement Towards Polymer/Nanodiamond Composite in Buckypaper: A Review. Polymer-Plastics Technology and Engineering, 2017, 56, 946-965.	1.9	6
299	Synthesis of 4-aryl-2,6-dimethyl-3,5-bis-N-(aryl)-carbamoyl-1,4-dihydropyridines as novel skin protecting and anti-aging agents. Bangladesh Journal of Pharmacology, 2017, 12, 210-215.	0.4	6
300	Phospho Sulfonic Acid: A Highly Efficient and Novel Catalyst for Formation of Bis(Indolyl)Alkanes from Aldehydes and Indole under Aqueous Conditions. Kinetics and Catalysis, 2019, 60, 522-535.	1.0	6
301	Synthesis, characterization and in vitro antioxidant assay of 4-(benzylideneamino)-5-pentadecyl-2 <i>H</i> -1,2,4-triazol-3(4 <i>H</i>)-ones. Journal of the Iranian Chemical Society, 2019, 16, 2143-2157.	2.2	6
302	Charge/energy transfer dynamics in CuO quantum dots attached to photoresponsive azobenzene ligand. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 371, 44-49.	3.9	6
303	Fluorescence modulation of CdTe nanowire by azobenzene photochromic switches. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 369, 159-165.	3.9	6
304	On the planarity of the cyclobutane ring in the crystal of dimethyl 2,4-bis(3,4-dimethoxyphenyl)cyclobutane-1,3-dicarboxylate: a natural bond orbital and Hirshfeld surface analysis study. New Journal of Chemistry, 2020, 44, 15515-15525.	2.8	6
305	Divergent synthesis and elaboration of structure activity relationship for quinoline derivatives as highly selective NTPDase inhibitor. Bioorganic Chemistry, 2021, 115, 105240.	4.1	6
306	Synthesis, characterization and biological evaluation of indomethacin derived thioureas as purinergic (P2Y1, P2Y2, P2Y4, and P2Y6) receptor antagonists. Bioorganic Chemistry, 2021, 116, 105378.	4.1	6

#	ARTICLE	IF	CITATIONS
307	Synthesis, crystal structure, cytotoxic, antileishmanial activities and docking studies on N,N ^ε -(ethane-1,2-diyl)bis(3-methylbenzamide). <i>Journal of Molecular Structure</i> , 2018, 1156, 627-631.	3.6	6
308	Structure and surface analyses of a newly synthesized acyl thiourea derivative along with its <i>in silico</i> and <i>in vitro</i> investigations for RNR, DNA binding, urease inhibition and radical scavenging activities. <i>RSC Advances</i> , 2022, 12, 17194-17207.	3.6	6
309	1-(2-Chlorophenyl)-3-(4-methylbenzoyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o2403-o2405.	0.2	5
310	1-(2-Nitrophenyl)-3-pivaloylthiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4259-o4259.	0.2	5
311	Solvent-free synthesis of some new 2-(3,5-dimethoxy-4-methylphenyl)-5-aryl-1,3,4-oxadiazoles. <i>Chinese Chemical Letters</i> , 2008, 19, 423-427.	9.0	5
312	AlBr ₃ impact on the thermal degradation of P(S-co-MMA): a study performed by contemporary techniques. <i>Iranian Polymer Journal (English Edition)</i> , 2012, 21, 143-155.	2.4	5
313	Synthesis, Crystal Structure, and DFT Study of N ^ε -(2,4-Dinitrophenyl)-2-Fluorobenzohydrazide. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	1.9	5
314	Recent trends in the synthesis of 1,3-oxazines (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 96-98.	1.2	5
315	Cu ^(I) -catalyzed Green Synthesis of Propargyl Amines Decorated with Carbazole Moiety by <i>Click</i> Coupling. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 777-785.	1.4	5
316	The effect of chalcogen substitution on the structure and spectroscopy of 4,7-dimethyl-2H-chromen-2-one/thione analogues. <i>New Journal of Chemistry</i> , 2017, 41, 5770-5783.	2.8	5
317	Synthesis, Crystal Structure, DFT Study of m-Methoxy-N ^ε -(3-Methoxybenzoyl)-N-Phenylbenzohydrazide. <i>Crystals</i> , 2017, 7, 19.	2.2	5
318	Thermogravimetric and differential thermal analyses of fluorescein dye in inert and static air atmosphere. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1385-1390.	3.6	5
319	Expanding the Alkaline Phosphatase Inhibition, Cytotoxic and Proapoptotic Profile of Biscoumarin ^ε -iminothiazole and Coumarin ^ε -triazolothiadiazine Conjugates. <i>ChemistrySelect</i> , 2018, 3, 13377-13386.	1.5	5
320	Latest perspectives of orally bioavailable 2,4-diarylaminopyrimidine analogues (DAAPalogues) as anaplastic lymphoma kinase inhibitors: discovery and clinical developments. <i>RSC Advances</i> , 2018, 8, 16470-16493.	3.6	5
321	Investigating the effectiveness of classical and eco-friendly approaches for synthesis of dialdehydes from organic dihalides. <i>Green Processing and Synthesis</i> , 2019, 8, 635-648.	3.4	5
322	Synthesis, characterization and cytotoxic studies of novel 1,2,4-triazole-azomethine conjugates. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 943-951.	2.2	5
323	Understanding the enzymatic inhibition of intestinal alkaline phosphatase by aminophenazone-derived aryl thioureas with aided computational molecular dynamics simulations: synthesis, characterization, SAR and kinetic profiling. <i>Molecular Diversity</i> , 2021, 25, 1701-1715.	3.9	5
324	Facile one-pot synthesis, butyrylcholinesterase and β -glucosidase inhibitory activities, structure ^ε activity relationship, molecular docking and DNA ^ε drug binding analysis of Meldrum ^ε acids derivatives. <i>Research on Chemical Intermediates</i> , 2020, 46, 2437-2456.	2.7	5

#	ARTICLE	IF	CITATIONS
325	Intra- and intermolecular Nâ€“Hâ€“C=O hydrogen bonds in 1-acyl urea compounds: Synthesis, X-ray structure, conformational and Hirshfeld surface analyses of 1-(2,3-dichlorophenyl)-3-pivaloylurea. <i>Journal of Molecular Structure</i> , 2021, 1245, 131271.	3.6	5
326	N-Butyl-4-chlorobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2322-o2323.	0.2	5
327	Synthesis, Characterization and Cholinesterase Inhibition Studies of New Arylidene Aminothiazolyethanone Derivatives. <i>Medicinal Chemistry</i> , 2017, 13, 648-653.	1.5	5
328	4-Aminocoumarin based Aroylthioureas as Potential Jack Bean Urease Inhibitors; Synthesis, Enzyme Inhibitory Kinetics and Docking Studies. <i>Medicinal Chemistry</i> , 2020, 16, 229-243.	1.5	5
329	Characterization of Poly(methyl methacrylate)-tin (IV) Chloride Blend by TG-DTG-DTA, IR and Pyrolysis-GC-MS Techniques. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 3295-3305.	1.9	5
330	Oxidative Semisynthesis of Natural Products with DMDO. <i>Current Organic Chemistry</i> , 2018, 22, 1836-1846.	1.6	5
331	Corrosion-related failures in heat exchangers. <i>Corrosion Reviews</i> , 2021, .	2.0	5
332	A Short Synthesis of Natural Isocoumarin Glucoside Delphoside. <i>Chinese Journal of Chemistry</i> , 2005, 23, 762-766.	4.9	4
333	An Efficient Synthesis of 8-Hydroxy-6,7-dimethoxy-3-methylisocoumarin (6-O-methylreticulol). <i>Chemistry of Heterocyclic Compounds</i> , 2005, 41, 1381-1385.	1.2	4
334	2,6-Dichlorobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1070-o1071.	0.2	4
335	1-(4-Bromophenyl)-3-(4-methylbenzoyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o5036-o5037.	0.2	4
336	1,1â€“2-(9-Octyl-9H-carbazole-3,6-diyl)diethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2118-o2118.	0.2	4
337	Methyl 3,5-dibromo-4-methylbenzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o982-o983.	0.2	4
338	Synthesis of (Â±)-6-O-methyl and 7-demethylannulatamarin. <i>Journal of Asian Natural Products Research</i> , 2010, 12, 88-93.	1.4	4
339	Green Synthesis of Some New (Substituted Fluorobenzoylimino)-3-aryl-4-methyl-1,3-thiazolines. <i>Synthetic Communications</i> , 2010, 40, 564-569.	2.1	4
340	Total synthesis and cytotoxic activity of stellatin. <i>Journal of Asian Natural Products Research</i> , 2011, 13, 97-104.	1.4	4
341	Synthesis and Crystal Structure of 3-(4-Methoxyphenyl)-2-thioxo-2,3-dihydroquinazolin-4(1H)-one. <i>Crystals</i> , 2011, 1, 171-177.	2.2	4
342	Synthesis of 8-hydroxy-6-methoxy-3-pentyl-1H-isochromen-1-one from <i>Tessmannia densiflora</i> . <i>European Journal of Chemistry</i> , 2011, 2, 117-119.	0.6	4

#	ARTICLE	IF	CITATIONS
343	An efficient total synthesis of ruprechstyril from Ruprechtia tangarana. <i>Natural Product Research</i> , 2013, 27, 1153-1158.	1.8	4
344	Synthesis of new N -[3-(Benzo[d]thiazol-2-yl)-4-methylthiazol-2(3H)-ylidene] substituted benzamides. <i>Turkish Journal of Chemistry</i> , 2013, 37, 909-916.	1.2	4
345	Br...O contacts and π - π stacking dominate the packing in methyl 4-bromo-3,5-dimethoxybenzoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 790-793.	0.4	4
346	Synthesis and characterization of new (E)-N''-(substituted) Tj ETQqO O O rgBT /Overlock 10 Tf 50 627 Td (benzylidene)-2-(3-(2-methyl)-4- <i>Chemistry</i> , 2014, 38, 275-287.	1.2	4
347	Mechanistic study of thermal behavior of poly(vinyl acetate) blended with aluminum tribromide: an investigation aided by IR and Py π -GC π MS techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 759-769.	3.6	4
348	Crystal structure of N α -pivaloyl-N-phenylpivalohydrazide. <i>Journal of Structural Chemistry</i> , 2015, 56, 396-398.	1.0	4
349	A One-pot, Four-component Protocol for the Synthesis of 2-Aroylimino α - γ -methyl α -acetyl- β -thiazolines. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 846-852.	3.6	4
350	SOLVENT FREE, ONE POT SYNTHESIS OF SYMMETRIC XANTHENE DYES AND THEIR ELECTROCHEMICAL STUDY. <i>Journal of the Chilean Chemical Society</i> , 2016, 61, 2907-2912.	1.2	4
351	Synthesis of α -(Sulphophenyl)- β -methyl α -pyrazolone Based Acid Dyes and Their Applications on Leather. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 645-652.	1.4	4
352	Synthesis and Characterization of New Xanthene Derivatives, and Their Electrochemical Study. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 181-188.	1.4	4
353	Benzamide sulfonamide derivatives: potent inhibitors of carbonic anhydrase-II. <i>Medicinal Chemistry Research</i> , 2016, 25, 438-448.	2.4	4
354	Interplay between Conformation and Crystal Packing in Aryl Propargyl Ethers: Structural and Spectroscopic Properties of 2-(prop-2-ynyl α -cyloxy)acene Derivatives. <i>ChemistrySelect</i> , 2019, 4, 9927-9933.	1.5	4
355	Synthesis and characterization of DGEBA composites reinforced with Cu/Ag modified carbon nanotubes. <i>Heliyon</i> , 2019, 5, e01733.	3.2	4
356	Synthesis, Crystal Structure, Hirshfeld Surface Analysis, DFT, and DNA-Binding Studies of (E)-2-(3-Hydroxy-4-Methoxybenzylidene)Hydrazinecarbothioamide. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 175-192.	2.9	4
357	Optically selective and electrochemically active chemosensors for Cu (II) ions based on a skeleton of 2-(benzylideneamino)-4,5,6,7-tetrachloro- β , δ -dihydroxy-spiro-[isoindoline-1, 9-xanthen]-3-one. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 208, 185-197.	3.9	4
358	Recent developments and comparison of transformation strategies for organic halides to aldehydes and ketones. <i>Molecular Diversity</i> , 2020, 24, 571-592.	3.9	4
359	Synthesis, Biological Evaluation and Molecular Docking Studies of Novel Coumarinylthiazolyl Iminothiazolidinone Hybrids as Potent Urease Inhibitors. <i>ChemistrySelect</i> , 2020, 5, 5387-5390.	1.5	4
360	Donor-Pi-Acceptor Fluorene Conjugates, Based on Chalcone and Pyrimidine Derivatives: an Insight into Structure-Property Relationship, Photophysical and Electrochemical Properties. <i>Journal of Fluorescence</i> , 2020, 30, 419-426.	2.5	4

#	ARTICLE	IF	CITATIONS
361	Synthesis, characterization, in vitro biological and molecular docking evaluation of N,N'-(ethane-1,2-diyl)bis(benzamides). Journal of the Iranian Chemical Society, 2021, 18, 2425-2436.	2.2	4
362	Synthesis, conformation and Hirshfeld surface analysis of benzoxazole methyl ester as a versatile building block for heterocycles. Heliyon, 2021, 7, e08042.	3.2	4
363	Investigation of stable solid diazonium salt by molecular structure, Hirshfeld surface analysis, optical and electrochemical studies, and applications. Journal of Molecular Modeling, 2021, 27, 296.	1.8	4
364	Isomeric nitro substituted symmetrical benzamides: Crystal Structures, Hirshfeld surface analysis, 3D energy frameworks, DNA binding and cell line studies. Journal of Molecular Structure, 2022, 1247, 131396.	3.6	4
365	Synthesis, Characterization and Biological Activities of Creatinine Amides and Creatinine Schiff Bases. Medicinal Chemistry, 2017, 13, 196-203.	1.5	4
366	5,5-Diphenyl-2-thioxoimidazolidin-4-one dimethyl sulfoxide monosolvate. IUCrData, 2018, 3, .	0.3	4
367	Highly productive and scalable approach to synthesize ticlopidine: A potent thienopyridine anti-platelet aggregation drug. Heliyon, 2020, 6, e05731.	3.2	4
368	N-(5-acetyl-4-methylthiazol-2-yl)arylamide derivatives as multi-target-directed ligands: design, synthesis, biochemical evaluation and computational analysis. Journal of Chemical Sciences, 2022, 134, 1.	1.5	4
369	Exploring ibuprofen derivatives as α -glucosidase and lipoxygenase inhibitors: Cytotoxicity and in silico studies. Archiv Der Pharmazie, 2022, 355, e2200013.	4.1	4
370	1-Benzoyl-3-(4-chlorophenyl)thiourea. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1419-o1420.	0.2	3
371	1-(4-Chlorophenyl)-3-(4-methylbenzoyl)thiourea. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2924-o2925.	0.2	3
372	5,6,7-Trimethoxy-2,3-dihydroinden-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2757-o2757.	0.2	3
373	Methyl 3,4,5-trimethoxybenzoate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4582-o4582.	0.2	3
374	Methyl 4-methylbenzoate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o821-o821.	0.2	3
375	1-(4-Chlorophenyl)-4,4,6-trimethyl-3,4-dihydropyrimidine-2(1H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o440-o440.	0.2	3
376	5-(3,4,5-Trimethoxyphenyl)-1,3,4-oxadiazole-2(3H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1911-o1911.	0.2	3
377	4,4,6-Trimethyl-1-(3-methylphenyl)-3,4-dihydropyrimidine-2(1H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o635-o635.	0.2	3
378	One-Pot Synthesis and Crystal Structure of Methyl 5-Hydroxy-1-phenyl-1H-pyrazole-3-carboxylate. Crystals, 2012, 2, 1248-1252.	2.2	3

#	ARTICLE	IF	CITATIONS
379	Novel N -acyl/aryl-2-(5-phenyl-2H-tetrazol-2-yl)acetohydrazides: synthesis and characterization. Turkish Journal of Chemistry, 2014, 38, 436-442.	1.2	3
380	Novel 5-acetyl-3-aryl-2-thioxo-2,3-dihydropyrimidine-4,6(1H,5H)-diones: One Pot Three-Component Synthesis, Characterization and Antibacterial Activity. Journal of Heterocyclic Chemistry, 2014, 51, 398-403.	2.6	3
381	Synthesis, Characterization and Fluorescence Studies of Novel Tetrachloroperylene-Azo Hybrid Dyes. Journal of Fluorescence, 2014, 24, 1337-1345.	2.5	3
382	Study on the synthesis and characterization of 3,3'-bicarbazole and pyridine based luminescent copolymers. Materials Letters, 2015, 161, 37-40.	2.6	3
383	A new class of potential antidiabetic acetohydrazides: Synthesis, in vivo antidiabetic activity and molecular docking studies. Bangladesh Journal of Pharmacology, 2017, 12, 319.	0.4	3
384	Synthesis, crystal structure, Hirshfeld surface analysis and DNA binding studies of 1-((E)-3-(4-bromophenyl)-1-phenylallylidene)-2-(m-tolyl)hydrazine. Journal of Molecular Structure, 2019, 1189, 112-121.	3.6	3
385	Synthesis, characterization, in vitro biological and computational evaluation of 5-benzyl-4-(benzylideneamino)-2H-1,2,4-triazole-3(4H)-thiones. Journal of the Iranian Chemical Society, 2021, 18, 1965-1977.	2.2	3
386	New Hybrid Scaffolds Based on Carbazole-Chalcones as Potent Anticancer Agents. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1082-1091.	1.7	3
387	Preparation, structure determination, and in silico and in vitro Elastase inhibitory properties of substituted N-([1,1'-Biphenyl]-2-ylcarbamothioyl)- Aryl/Alkyl benzamide Derivatives. Journal of Molecular Structure, 2021, 1245, 130993.	3.6	3
388	TBAI-assisted direct C-H activation of indoles with β -E-styrene sulfonyl hydrazides: a stereoselective access to 3-styryl thioindoles. RSC Advances, 2021, 11, 15608-15616.	3.6	3
389	N-(2-Chloro-4-nitrophenyl)-2-nitrobenzamide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o705-o705.	0.2	3
390	N-(4-Chlorophenyl)-3,4,5-trimethoxybenzamide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1625-o1625.	0.2	3
391	N-(2-Nitrophenyl)benzamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1845-o1845.	0.2	3
392	Synthesis and Crystal Structure of 1-(3-Fluorophenyl)-2-thioxo-2,3-dihydroquinazolin-4(1H)-one. Crystals, 2011, 1, 254-259.	2.2	3
393	Synthesis, characterization, crystal structures, and antibacterial activity of some new 1-(3,4,5-trimethoxybenzoyl)-3-aryl thioureas. Turkish Journal of Chemistry, 0, , .	1.2	3
394	2,4-Dichloro-N-cyclohexylbenzamide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o773-o773.	0.2	3
395	Synthetic Approaches Towards Antihypercholesterolemic Drug Simvastatin. Current Organic Synthesis, 2019, 16, 652-670.	1.3	3
396	Synthesis, Molecular Docking, and In Vitro Investigation of 1,1'-Diaryl-3,3'-(p-phenylenedicarbonyl) dithioureas as Urease Inhibitors. Letters in Organic Chemistry, 2020, 17, 254-259.	0.5	3

#	ARTICLE	IF	CITATIONS
397	Azomethine-clubbed thiazoles as human tissue non-specific alkaline phosphatase (h-TNAP) and intestinal alkaline phosphatase (h-IAP) Inhibitors: kinetics and molecular docking studies. <i>Molecular Diversity</i> , 2022, 26, 3241-3254.	3.9	3
398	Synthesis of novel hybrid pharmacophore of <i>N</i> -(4-sulfamoylphenyl) thiourea derivatives as h-TNAP and h-IAP inhibitors. <i>Drug Development Research</i> , 2021, , .	2.9	3
399	Experimental and Hirshfeld Surface Investigations for Unexpected Aminophenazone Cocrystal Formation under Thiourea Reaction Conditions via Possible Enamine Assisted Rearrangement. <i>Crystals</i> , 2022, 12, 608.	2.2	3
400	Substituted piperidine as a novel lead molecule for the treatment of Parkinson's disease: Synthesis, crystal structure, hirshfeld surface analysis, and molecular modeling. <i>Journal of Molecular Structure</i> , 2022, 1265, 133350.	3.6	3
401	Appraisal of novel azomethine-thioximidazolidinone conjugates as ecto-5'-nucleotidase inhibitors: synthesis and molecular docking studies. <i>RSC Advances</i> , 2022, 12, 17596-17606.	3.6	3
402	Preparation and spectroscopic characterization of bis(6,8-dimethoxychroman-5-yl)methanes. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 1075-1076.	2.6	2
403	1-(2-Chlorobenzoyl)-3-phenylthiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1262-o1263.	0.2	2
404	1-(3,4-Dimethoxybenzoyl)-3,5-dimethyl-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4122-o4122.	0.2	2
405	(Z)-N-[3-(2-Methoxyphenyl)-4-phenyl-2,3-dihydrothiazol-2-ylidene]-4-methylbenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o67-o67.	0.2	2
406	3,4,5-Trimethoxy-N-(2-methoxyphenyl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1948-o1948.	0.2	2
407	Microwave promoted synthesis of some N-(4-methyl-3-tolylthiazol-2(3H)-ylidene) substituted benzamides. <i>Chinese Chemical Letters</i> , 2009, 20, 1073-1076.	9.0	2
408	2-Methyl-N-o-tolylbenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o19-o19.	0.2	2
409	1-(2-Fluorophenyl)-3-(3,4,5-trimethoxybenzoyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1133-o1133.	0.2	2
410	Synthesis and Crystal Structure of 1-(3-fluorophenyl)-3-(3,4,5-trimethoxybenzoyl)thiourea. <i>Crystals</i> , 2011, 1, 34-39.	2.2	2
411	Unusual C-H...N Interactions in the Structure of 3,4,5-Trimethoxy-N-p-tolylbenzamide. <i>Journal of Chemical Crystallography</i> , 2013, 43, 51-57.	1.1	2
412	A two component protocol for synthesis of 3-(2-(substituted) phenylamino)thiazol-4-yl)-2	1.2	2
413	Optical, Electrochemical and Thermoanalytical Investigations on Newly-Synthesized Perylene-3,4,9,10-Dianhydride Fluorescent Dyes. <i>Journal of Fluorescence</i> , 2015, 25, 1045-1053.	2.5	2
414	Sensitive and Selective Turn-On-Fluorimetric Probes for Fe ³⁺ Based on a Skeleton of 2-Hydroxy-1-Naphthaldehyde. <i>Journal of Fluorescence</i> , 2017, 27, 2213-2221.	2.5	2

#	ARTICLE	IF	CITATIONS
415	Distinctive inhibition of alkaline phosphatase isozymes by thiazolâ€¦â€¦ylideneâ€¦benzamide derivatives: Functional insights into their anticancer role. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6501-6513.	2.6	2
416	Peryleneâ€¦based Solutionâ€¦processable Conjugated Molecules for Optoelectronic Applications: Synthesis and Comparison of Different Substituents on the Optical, Thermal, and Electrochemical Properties. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 243-251.	1.4	2
417	Pericyclic Reactions in the Syntheses of Densely Functionalized Heterocycles. <i>Current Organic Synthesis</i> , 2018, 15, 438-486.	1.3	2
418	Recent Advances in the Synthesis of Naratriptan: An Anti-Migraine Drug. <i>Mini-Reviews in Organic Chemistry</i> , 2018, 15, 122-140.	1.3	2
419	Investigation of thermal and fluorescent properties of benzoxazole-linked triphenylamine-based co-polyimides. <i>High Performance Polymers</i> , 2020, 32, 231-241.	1.8	2
420	Identification of novel thioureaâ€¦stilbeneâ€¦triazine conjugates as persuasive lymphoid tyrosine phosphatase inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 3400.	2.6	2
421	Editorial: Chemical Insights Into the Synthetic Chemistry of Quinazolines and Quinazolinones: Recent Advances. <i>Frontiers in Chemistry</i> , 2020, 8, 641321.	3.6	2
422	N-(2-Methylphenyl)-2-nitrobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o521-o521.	0.2	2
423	3,4,5-Trimethoxybenzohydrazidium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2336-o2336.	0.2	2
424	3-(3-Chloroanilino)-1-(3,5-dimethyl-1H-pyrazol-1-yl)propan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1231-o1231.	0.2	2
425	1-(2-Chloro-5-nitrophenyl)-3-(2,2-dimethylpropionyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1735-o1736.	0.2	2
426	N-(4-Nitrophenyl)cinnamamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2068-o2068.	0.2	2
427	Ethyl 4-[3-(2-methylbenzoyl)thioureido]benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2774-o2774.	0.2	2
428	4-Chloro-N-(2-methoxyphenyl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o214-o214.	0.2	2
429	N-(2-Fluorophenyl)cinnamamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o533-o534.	0.2	2
430	(Biphenyl-4-yl)(phenyl)methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o926-o926.	0.2	2
431	A Comparative Study of Synthetic Approaches Towards Total Synthesis of Mandelalide A, An Anti-Lung Cancer Metabolite From <i>Lissoclinum</i> Ascidian. <i>Current Organic Chemistry</i> , 2018, 22, 101-127.	1.6	2
432	The Regioselective Functionalization of Pyridine at 2,3,4-positions via Carbene Intermediate. <i>Current Organic Chemistry</i> , 2018, 22, 1536-1553.	1.6	2

#	ARTICLE	IF	CITATIONS
433	Design, Synthesis, Crystal Structure, Fluorescence, Molecular Docking and DFT Studies of 3,6-Dinitro-N-octylcarbazole. <i>Current Organic Chemistry</i> , 2019, 23, 1681-1687.	1.6	2
434	Development of PCR protocol for detection of <i>Escherichia coli</i> in drinking water. , 2013, , .		2
435	Z. Naturforsch. 2011, 66b, 512 - 520. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011, 66, 0979.	0.7	2
436	4-Chloro-N-o-tolylbenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2043-o2043.	0.2	2
437	N-Cyclohexyl-2-fluorobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2187-o2187.	0.2	2
438	Synthesis and Structure of 4-Chloro-2-[[5-(diethylamino)-2-hydroxybenzylidene]amino]phenol and Its Metal Complexes. <i>Russian Journal of General Chemistry</i> , 2020, 90, 2376-2380.	0.8	2
439	Photo-redox catalyzed dehydrazinative acylation of N-heterocycles via Minisci reaction. <i>RSC Advances</i> , 2021, 11, 38683-38689.	3.6	2
440	A Single-Step Synthesis of Xyridins A and B, Metabolites from <i>Xyris indica</i> . <i>Chemistry of Heterocyclic Compounds</i> , 2005, 41, 967-972.	1.2	1
441	1-Benzoyl-3-(3-chlorophenyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1060-o1061.	0.2	1
442	1-Benzoyl-3-(2,6-dichlorophenyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1264-o1265.	0.2	1
443	1-Benzoyl-3-(3,4-dichlorophenyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1380-o1381.	0.2	1
444	6,7-Dimethoxy-1-(4-methoxyphenyl)isochroman. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1598-o1600.	0.2	1
445	1-(4-Chlorophenyl)-6,7-dimethoxyisochroman. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1819-o1821.	0.2	1
446	3-(2-Bromophenyl)isocoumarin. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3262-o3263.	0.2	1
447	1-(3-Methylbenzoyl)-3-(2-methylphenyl)thiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1390-o1392.	0.2	1
448	3-(4-Chlorophenyl)isocoumarin. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1667-o1668.	0.2	1
449	3-(2-Chloro-4-hydroxyphenyl)-1-thioisocoumarin. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1701-o1703.	0.2	1
450	1-(4-Nitrobenzoyl)-3-phenylthiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3553-o3553.	0.2	1

#	ARTICLE	IF	CITATIONS
451	6-Methylbenzo[d]thiazol-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4247-o4247.	0.2	1
452	1-(2,4-Dichlorophenyl)-3-pivaloylthiourea. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4614-o4614.	0.2	1
453	N-(2,4-Dichlorophenyl)-2-nitrobenzamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4843-o4843.	0.2	1
454	Synthesis and Crystal Structure of 3-[(Naphthalen-2-yl)methyl]Isocoumarin. Journal of Chemical Crystallography, 2008, 38, 285-288.	1.1	1
455	Synthesis, Characterization and Crystal Structure of 2-Nitro-N-[2,4-dichlorophenyl]-N-(2-methylbenzoyl)benzamide. Journal of Chemical Crystallography, 2010, 40, 919-923.	1.1	1
456	1-(4-Fluorophenyl)thiourea. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1558-o1558.	0.2	1
457	Synthesis and Crystal Structure of 9-(4,6-dichloro-1,3,5-triazin-2-yl)-9H-carbazole. Crystals, 2011, 1, 28-33.	2.2	1
458	New Substituted Thiazol-2-ylidene-benzamides and Their Reaction with 1-Aza-2-azoniaallene Salts. Synthesis and anti-HIV Activity. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 512-520.	0.7	1
459	Synthesis of 5-chloro-8-hydroxy-6-methoxy-3-pentylisocoumarin. Journal of Asian Natural Products Research, 2011, 13, 505-511.	1.4	1
460	Identification of Small Molecule Sulfonic Acids as Ecto-5'-Nucleotidase Inhibitors. Medicinal Chemistry, 2012, 8, 1133-1139.	1.5	1
461	Space group revision of the triclinic polymorph of salicylaldehyde azine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o255-o255.	0.2	1
462	N ² -(2,4-Dinitrophenyl)benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2418-o2418.	0.2	1
463	Methyl 2-oxo-2H-chromene-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3024-o3024.	0.2	1
464	New <i>N</i> -(Aryl)-5-((quinolin-8-yl)oxy)methyl)-1,3,4-oxa/Thiadiazol-2-aminines and 4-((Aryl)-5-((quinolin-8-yl)oxy)methyl)-2- <i>H</i> -1,2,4-triazol-3-yl)-thiones, Synthesis and Characterization. Journal of Heterocyclic Chemistry, 2014, 51, 1357-1362.	2.6	1
465	An efficient total synthesis of trilepisiumic acid. Natural Product Research, 2014, 28, 1121-1126.	1.8	1
466	Novel Bis(2-((5-((5-phenyl-1- <i>H</i> -tetrazol-1-yl)methyl)-4- <i>H</i> -1,2,4-triazol-3-yl)phenoxy)Alkanes; Synthesis and Characterization. Journal of Heterocyclic Chemistry, 2015, 52, 1114-1118.	2.6	1
467	Multichromic Bis-Axially Extended Perylene Chromophore with Schiff Bases: Synthesis, Characterization and Electrochemical Studies. Journal of Fluorescence, 2016, 26, 2247-2255.	2.5	1
468	New Substituted 1-Aryl-4,4,6-Trimethyl-3,4-Dihydropyrimidin-2-(1- <i>H</i>)Thiones; A Metal-Free and Solvent-Free Synthesis, Characterization, and Lymphoid Tyrosine Phosphatase Inhibition Studies. Journal of the Chinese Chemical Society, 2017, 64, 224-230.	1.4	1

#	ARTICLE	IF	CITATIONS
469	A closer look on various synthetic routes to Callistatin A: a cytotoxic marine sponge polyketide. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 1095-1126.	1.8	1
470	Synthesis of a Contrapositionally Substituted Cyclohexa-meta-phenylene: A Ready-to-Use Precursor for Cyclohexa-meta-phenylene-Based Materials. <i>Synlett</i> , 2019, 30, 1886-1890.	1.8	1
471	Synthesis and Serviceability of New Symmetric Bis-pyrazolone Metal Complex Acid Dyes. <i>Russian Journal of General Chemistry</i> , 2019, 89, 2498-2503.	0.8	1
472	Spectroscopic and thermal properties of stannadithiane compounds bearing endocyclic ether and lactone groups. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 222-229.	3.9	1
473	E- and chemoselective thia-Michael addition to benzyl allenolate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 969-975.	1.6	1
474	A comparative study of synthetic approaches towards total synthesis of histrionicotoxin: a selective inhibitor of nicotinic acetylcholine receptors. <i>Journal of Asian Natural Products Research</i> , 2020, 23, 1-19.	1.4	1
475	Identification of novel C-2 symmetric Bis-Azo-Azamethine molecules as competitive inhibitors of mushroom tyrosinase and free radical scavengers: synthesis, kinetics, and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4419-4428.	3.5	1
476	Novel <i>N</i> -(benzo[d]oxazol-2-yl)alkanamides; synthesis and carbonic anhydrase inhibition studies. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2831-2843.	2.6	1
477	Benzimidazole tethered thioureas as a new entry to elastase inhibition and free radical scavenging: Synthesis, molecular docking, and enzyme inhibitory kinetics. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1929.	2.6	1
478	New Heterocyclic Azo Dyes: Design, Synthesis, and Application on Leather. <i>Fibers and Polymers</i> , 2021, 22, 3385-3392.	2.1	1
479	Identification of a novel click-derived 1,2,3-triazole as selective Hg ²⁺ ion detector: computational and experimental investigations. <i>Chemical Papers</i> , 2021, 75, 6377-6388.	2.2	1
480	3-Fluoro- <i>N</i> -(<i>p</i> -tolyl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2098-o2098.	0.2	1
481	2-Chloro- <i>N</i> -(4-methoxyphenyl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2963-o2964.	0.2	1
482	Synthetic Methodologies towards Abacavir (ABC): An Anti-HIV Drug. <i>Mini-Reviews in Organic Chemistry</i> , 2018, 15, .	1.3	1
483	Single crystal, Hirshfeld surface, DFT analyses of (E)-2-(2-chloro-6-fluorobenzylidene)hydrazinocarbothioamide: Elastase inhibition and DNA binding studies. <i>Journal of Physical Organic Chemistry</i> , 0, , e4296.	1.9	1
484	<i>N</i> -Cyclohexyl-3-fluorobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2209-o2209.	0.2	1
485	2-Fluoro- <i>N</i> - <i>o</i> -tolylbenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o201-o201.	0.2	1
486	2-Fluoro- <i>N</i> -(4-methoxyphenyl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o802-o803.	0.2	1

#	ARTICLE	IF	CITATIONS
487	4-Chloro-N-m-tolylbenzamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1334-o1334.	0.2	1
488	2,4-Dichloro-N-p-tolylbenzamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2527-o2527.	0.2	1
489	Total Synthesis and Antibacterial Screening of (±)-6,8-Dihydroxy-3-undecyl-3,4-dihydroisochromen-1-one: A Structural Analogue of Metabolites from <i>Ononis natrix</i> . Letters in Drug Design and Discovery, 2019, 16, 245-248.	0.7	1
490	Anti-proliferative Effects of Chromones: Potent Derivatives Affecting Cell Growth and Apoptosis in Breast, Bone-marrow and Cervical Cancer Cells. Medicinal Chemistry, 2019, 15, 883-891.	1.5	1
491	COMPUTATIONAL INVESTIGATIONS, HIRSHFELD SURFACE ANALYSIS, INTERACTION ENERGY CALCULATIONS, AND ENERGY FRAMEWORK CRYSTAL STRUCTURE OF METHYL 2-AMINO-5-HYDROXYBENZOATE. Journal of Structural Chemistry, 2021, 62, 1745-1758.	1.0	1
492	Antimicrobial profile of some novel keto esters: Synthesis, crystal structures and structure-activity relationship studies. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 39-49.	0.2	1
493	An Efficient Synthesis of 3,5-Dimethoxyhomophthalic Acid, a Key Intermediate for Synthesis of Natural Isocoumarins.. ChemInform, 2003, 34, no.	0.0	0
494	1-(3-Bromophenyl)-3-[3-(4-isobutylphenyl)propanoyl]thiourea. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2528-o2530.	0.2	0
495	N-(3-Chlorophenyl)-2-(4-isobutylphenyl)propanamide. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4322-o4324.	0.2	0
496	2,4-Dimethoxy-6-methylbenzoic acid. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4994-o4996.	0.2	0
497	N-(4-Methyl-3-phenyl-2,3-dihydro-1,3-thiazol-2-ylidene)benzamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2455-o2456.	0.2	0
498	(±)-4,6-Dimethoxy-3-(trichloromethyl)isobenzofuran-1(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4332-o4332.	0.2	0
499	N-(4-Chlorophenyl)-2-nitrobenzamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4615-o4615.	0.2	0
500	N-(3-Chlorophenyl)-2-nitrobenzamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4666-o4666.	0.2	0
501	N-(2-Chloro-4-nitrophenyl)-2-nitrobenzamide. Corrigendum. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, e24-e24.	0.2	0
502	(Z)-N-[3-(2-Methoxyphenyl)-4-phenyl-2,3-dihydrothiazol-2-ylidene]-2-methylbenzamide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o66-o66.	0.2	0
503	2-Chloro-5-nitroaniline. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1417-o1417.	0.2	0
504	Synthesis and Crystal Structure of N-Cyclohexyl-2-Nitrobenzamide. Journal of Chemical Crystallography, 2010, 40, 924-926.	1.1	0

#	ARTICLE	IF	CITATIONS
505	(E)-1-(4-Chlorobenzylidene)thiosemicarbazide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o649-o649.	0.2	0
506	6-Methoxy-1,3-benzothiazol-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2240-o2240.	0.2	0
507	Quantitative Structure-Activity Relationship (QSAR) on New Substituted Thiazol-2-Yliedene-Benzamides as Potential Anti-HIV Agents. Journal of Computational and Theoretical Nanoscience, 2012, 9, 752-756.	0.4	0
508	Synthesis and Crystal Structure of 1-Chloro-2-methyl-4-nitrobenzene. Crystals, 2012, 2, 137-143.	2.2	0
509	Total synthesis and antibacterial screening of (Å±Å)7-butyl-6,8-dihydroxy-3-pentyl-3,4-dihydroisochromen-1-one. Journal of Asian Natural Products Research, 2013, 15, 1112-1122.	1.4	0
510	Synthesis, Characterization, and Biological Evaluation of Oxadiazole Derivatives Bearing 5-Phenyl-tetrazole as Osteoclast Differentiation Inhibitors. Bulletin of the Korean Chemical Society, 2015, 36, 2247-2253.	1.9	0
511	Novel Flurbiprofen-aminothiazoline Hybrid Compounds: Synthesis and Characterization. Journal of Heterocyclic Chemistry, 2016, 53, 1395-1401.	2.6	0
512	An investigation of the effect of conjugation on fluorene based chromophores; Optoelectronic and electrochemical behavior. Dyes and Pigments, 2017, 147, 385-392.	3.7	0
513	In Vitro Anticancer Effects of Stilbene Derivatives: Mechanistic Studies on HeLa and MCF-7 Cells. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 793-802.	1.7	0
514	N-(2-Methoxyphenyl)-2-nitrobenzamide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o603-o603.	0.2	0
515	1-(2-Fluorophenyl)-6,7-dimethoxyisochroman. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o867-o868.	0.2	0
516	2,4-Dichloro-N-o-tolylbenzamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1642-o1642.	0.2	0
517	4-Fluoro-N-[3-(2-fluorophenyl)-4-methyl-2,3-dihydro-2-thienylidene]benzamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1643-o1643.	0.2	0
518	4-Chloro-N-cyclohexylbenzamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1539-o1539.	0.2	0
519	N-(3-Bromophenyl)-3,4,5-trimethoxybenzamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1470-o1470.	0.2	0
520	N-(4-Methoxyphenyl)pivalamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2067-o2067.	0.2	0
521	N-Cyclohexyl-3,4,5-trimethoxybenzamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3234-o3234.	0.2	0
522	3,3- ² -Dibutanoyl-1,1- ² -(o-phenylene)dithiourea. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o441-o441.	0.2	0

#	ARTICLE	IF	CITATIONS
523	9-(2-Hydroxy-6-oxocyclohex-1-en-1-yl)-2,3,4,9-tetrahydro-1H-xanthen-1-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o616-o617.	0.2	0
524	New acid dyes and their metal complexes: dyeing, thermal and antifungal behavior. Journal of Applied Research and Technology, 2019, 17, .	0.9	0
525	Synthesis, X-Ray crystallography and HF/DFT analysis of N(diethylcarbamothioyl) furan-2-carboxamide, analyzed by experimental and theoretical methods. Journal of Molecular Structure, 2022, 1268, 133721.	3.6	0