

Naveed Ahmed Khan

List of Publications by Year in descending order

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648
papers

17,900
citations

17440

63
h-index

36028

97
g-index

657
all docs

657
docs citations

657
times ranked

13205
citing authors

#	ARTICLE	IF	CITATIONS
1	Acanthamoeba: biology and increasing importance in human health. FEMS Microbiology Reviews, 2006, 30, 564-595.	8.6	660
2	An update on <i>Acanthamoeba</i> keratitis: diagnosis, pathogenesis and treatment. Parasite, 2015, 22, 10.	2.0	494
3	Biology and pathogenesis of Acanthamoeba. Parasites and Vectors, 2012, 5, 6.	2.5	416
4	Load forecasting, dynamic pricing and DSM in smart grid: A review. Renewable and Sustainable Energy Reviews, 2016, 54, 1311-1322.	16.4	322
5	Schiff bases in medicinal chemistry: a patent review (2010-2015). Expert Opinion on Therapeutic Patents, 2017, 27, 63-79.	5.0	208
6	Biscoumarin: new class of urease inhibitors; economical synthesis and activity. Bioorganic and Medicinal Chemistry, 2004, 12, 1963-1968.	3.0	201
7	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. Cell, 2019, 177, 1419-1435.e31.	28.9	195
8	Quinazoline and quinazolinone as important medicinal scaffolds: a comparative patent review (2011-2016). Expert Opinion on Therapeutic Patents, 2018, 28, 281-297.	5.0	165
9	Pathogenesis of Acanthamoeba infections. Microbial Pathogenesis, 2003, 34, 277-285.	2.9	162
10	Synthesis of novel inhibitors of α -glucosidase based on the benzothiazole skeleton containing benzohydrazide moiety and their molecular docking studies. European Journal of Medicinal Chemistry, 2015, 92, 387-400.	5.5	155
11	Pathogenesis of microbial keratitis. Microbial Pathogenesis, 2017, 104, 97-109.	2.9	155
12	Isatin based Schiff bases as inhibitors of α -glucosidase: Synthesis, characterization, in vitro evaluation and molecular docking studies. Bioorganic Chemistry, 2015, 60, 42-48.	4.1	147
13	Cytotoxic Necrotizing Factor-1 Contributes to Escherichia coli K1 Invasion of the Central Nervous System. Journal of Biological Chemistry, 2002, 277, 15607-15612.	3.4	145
14	Acanthamoeba genotype T4 from the UK and Iran and isolation of the T2 genotype from clinical isolates. Journal of Medical Microbiology, 2005, 54, 755-759.	1.8	139
15	Synthesis of bis-Schiff bases of isatins and their antiglycation activity. Bioorganic and Medicinal Chemistry, 2009, 17, 7795-7801.	3.0	134
16	Combined emission economic dispatch of power system including solar photo voltaic generation. Energy Conversion and Management, 2015, 92, 82-91.	9.2	129
17	Synthesis and molecular docking studies of potent α -glucosidase inhibitors based on biscoumarin skeleton. European Journal of Medicinal Chemistry, 2014, 81, 245-252.	5.5	128
18	Biology and pathogenesis of Naegleria fowleri. Acta Tropica, 2016, 164, 375-394.	2.0	127

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19	Triazinoindole analogs as potent inhibitors of α -glucosidase: Synthesis, biological evaluation and molecular docking studies. <i>Bioorganic Chemistry</i> , 2015, 58, 81-87.	4.1	126
20	Increasing Importance of <i>Balamuthia mandrillaris</i> . <i>Clinical Microbiology Reviews</i> , 2008, 21, 435-448.	13.6	121
21	Multicomponent reactions (MCR) in medicinal chemistry: a patent review (2010-2020). <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 267-289.	5.0	115
22	Proteases as Markers for Differentiation of Pathogenic and Nonpathogenic Species of <i>Acanthamoeba</i> . <i>Journal of Clinical Microbiology</i> , 2000, 38, 2858-2861.	3.9	113
23	<i>Escherichia coli</i> K1 RS218 Interacts with Human Brain Microvascular Endothelial Cells via Type 1 Fimbria Bacteria in the Fimbriated State. <i>Infection and Immunity</i> , 2005, 73, 2923-2931.	2.2	112
24	Synthesis, in vitro evaluation and molecular docking studies of thiazole derivatives as new inhibitors of α -glucosidase. <i>Bioorganic Chemistry</i> , 2015, 62, 15-21.	4.1	109
25	Tetraketones: A new class of tyrosinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 344-351.	3.0	99
26	<i>Acanthamoeba</i> interactions with human brain microvascular endothelial cells. <i>Microbial Pathogenesis</i> , 2003, 35, 235-241.	2.9	98
27	Synthesis and in vitro urease inhibitory activity of N,N ² -disubstituted thioureas. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 314-323.	5.5	98
28	Antimicrobial activities of green synthesized gums-stabilized nanoparticles loaded with flavonoids. <i>Scientific Reports</i> , 2019, 9, 3122.	3.3	96
29	Pathogenicity, Morphology, and Differentiation of <i>Acanthamoeba</i> . <i>Current Microbiology</i> , 2001, 43, 391-395.	2.2	95
30	Primary Amoebic Meningoencephalitis Caused by <i>Naegleria fowleri</i> : An Old Enemy Presenting New Challenges. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3017.	3.0	95
31	<i>Acanthamoeba castellanii</i> Induces Host Cell Death via a Phosphatidylinositol 3-Kinase-Dependent Mechanism. <i>Infection and Immunity</i> , 2005, 73, 2704-2708.	2.2	94
32	Oxazolones: New tyrosinase inhibitors; synthesis and their structure-activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 6027-6033.	3.0	93
33	Schiff bases of 3-formylchromone as thymidine phosphorylase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2983-2988.	3.0	93
34	<i>Escherichia coli</i> interactions with <i>Acanthamoeba</i> : a symbiosis with environmental and clinical implications. <i>Journal of Medical Microbiology</i> , 2006, 55, 689-694.	1.8	91
35	Synthesis of novel inhibitors of β -glucuronidase based on benzothiazole skeleton and study of their binding affinity by molecular docking. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4286-4294.	3.0	91
36	Determination of free phenolic acids and antioxidant activity of methanolic extracts obtained from fruits and leaves of <i>Chenopodium album</i> . <i>Food Chemistry</i> , 2011, 126, 1850-1855.	8.2	89

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37	Synthesis, α -glucosidase inhibition and molecular docking study of coumarin based derivatives. <i>Bioorganic Chemistry</i> , 2018, 77, 586-592.	4.1	88
38	Molecular and Physiological Differentiation Between Pathogenic and Nonpathogenic Acanthamoeba. <i>Current Microbiology</i> , 2002, 45, 197-202.	2.2	87
39	Acanthamoeba Can Be Differentiated by the Polymerase Chain Reaction and Simple Plating Assays. <i>Current Microbiology</i> , 2001, 43, 204-208.	2.2	86
40	Brain-Eating Amoebae: Silver Nanoparticle Conjugation Enhanced Efficacy of Anti-Amoebic Drugs against <i>Naegleria fowleri</i> . <i>ACS Chemical Neuroscience</i> , 2017, 8, 2626-2630.	3.5	85
41	Synthesis and in vitro acetylcholinesterase and butyrylcholinesterase inhibitory potential of hydrazide based Schiff bases. <i>Bioorganic Chemistry</i> , 2016, 68, 30-40.	4.1	82
42	Synthesis of novel derivatives of oxindole, their urease inhibition and molecular docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3285-3289.	2.2	79
43	The Development of Drugs against Acanthamoeba Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6441-6450.	3.2	79
44	FimH-mediated Escherichia coli K1 invasion of human brain microvascular endothelial cells. <i>Cellular Microbiology</i> , 2007, 9, 169-178.	2.1	78
45	Synthesis of diethyl 4-substituted-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylates as a new series of inhibitors against yeast α -glucosidase. <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 199-209.	5.5	78
46	Syntheses of new 3-thiazolyl coumarin derivatives, in vitro α -glucosidase inhibitory activity, and molecular modeling studies. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 196-204.	5.5	78
47	Synthesis of benzotriazoles derivatives and their dual potential as α -amylase and α -glucosidase inhibitors in vitro: Structure-activity relationship, molecular docking, and kinetic studies. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111677.	5.5	78
48	Outer membrane protein A and cytotoxic necrotizing factor-1 use diverse signaling mechanisms for Escherichia coli K1 invasion of human brain microvascular endothelial cells. <i>Microbial Pathogenesis</i> , 2003, 35, 35-42.	2.9	77
49	In Vitro Pathogenicity of Acanthamoebals Associated with the Expression of the Mannose-Binding Protein. , 2006, 47, 1056.		76
50	Brain-Eating Amoebae: Predilection Sites in the Brain and Disease Outcome. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1989-1997.	3.9	76
51	Synthesis of Coumarin Derivatives with Cytotoxic, Antibacterial and Antifungal Activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2004, 19, 373-379.	5.2	75
52	5-Bromo-2-aryl benzimidazole derivatives as non-cytotoxic potential dual inhibitors of α -glucosidase and urease enzymes. <i>Bioorganic Chemistry</i> , 2017, 72, 21-31.	4.1	75
53	Biology-oriented drug synthesis (BIODS) of 2-(2-methyl-5-nitro-1H-imidazol-1-yl)ethyl aryl ether derivatives, in vitro α -amylase inhibitory activity and in silico studies. <i>Bioorganic Chemistry</i> , 2017, 74, 1-9.	4.1	75
54	Acanthamoeba affects the integrity of human brain microvascular endothelial cells and degrades the tight junction proteins. <i>International Journal for Parasitology</i> , 2009, 39, 1611-1616.	3.1	73

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55	Carbohydrate analysis of <i>Acanthamoeba castellanii</i> . <i>Experimental Parasitology</i> , 2009, 122, 338-343.	1.2	72
56	Synthesis, α -glucosidase inhibitory activity and in silico study of tris-indole hybrid scaffold with oxadiazole ring: As potential leads for the management of type-II diabetes mellitus. <i>Bioorganic Chemistry</i> , 2017, 74, 30-40.	4.1	72
57	Synthesis, molecular docking and α -glucosidase inhibition of 5-aryl-2-(6-nitrobenzofuran-2-yl)-1,3,4-oxadiazoles. <i>Bioorganic Chemistry</i> , 2016, 66, 117-123.	4.1	71
58	Synthesis of Novel Bisindolylmethane Schiff bases and Their Antibacterial Activity. <i>Molecules</i> , 2014, 19, 11722-11740.	3.8	70
59	New Hybrid Hydrazinyl Thiazole Substituted Chromones: As Potential α -Amylase Inhibitors and Radical (DPPH & ABTS) Scavengers. <i>Scientific Reports</i> , 2017, 7, 16980.	3.3	70
60	High entropy alloy thin films of AlCoCrCu0.5FeNi with controlled microstructure. <i>Applied Surface Science</i> , 2019, 495, 143560.	6.1	69
61	Leptospirosis: Increasing importance in developing countries. <i>Acta Tropica</i> , 2020, 201, 105183.	2.0	68
62	Synthesis of new oxadiazole derivatives as α -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4155-4162.	3.0	67
63	Synthesis, β -glucuronidase inhibition and molecular docking studies of hybrid bisindole-thiosemicarbazides analogs. <i>Bioorganic Chemistry</i> , 2016, 68, 56-63.	4.1	66
64	Balamuthia amoebic encephalitis: An emerging disease with fatal consequences. <i>Microbial Pathogenesis</i> , 2008, 44, 89-97.	2.9	65
65	Synthesis, biological evaluation and molecular docking of N-phenyl thiosemicarbazones as urease inhibitors. <i>Bioorganic Chemistry</i> , 2015, 61, 51-57.	4.1	65
66	Hydrazinyl arylthiazole based pyridine scaffolds: Synthesis, structural characterization, in vitro α -glucosidase inhibitory activity, and in silico studies. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 255-272.	5.5	65
67	Synthesis, in vitro α -glucosidase inhibitory potential and molecular docking study of thiadiazole analogs. <i>Bioorganic Chemistry</i> , 2018, 78, 201-209.	4.1	65
68	Post-mortem culture of <i>Balamuthia mandrillaris</i> from the brain and cerebrospinal fluid of a case of granulomatous amoebic meningoencephalitis, using human brain microvascular endothelial cells. <i>Journal of Medical Microbiology</i> , 2004, 53, 1007-1012.	1.8	64
69	Synthesis, <i>In vitro</i> and Docking Studies of New Flavone Ethers as α -Glucosidase Inhibitors. <i>Chemical Biology and Drug Design</i> , 2016, 87, 361-373.	3.2	63
70	Synthesis and β -glucuronidase inhibitory activity of 2-arylquinazolin-4(3H)-ones. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3449-3454.	3.0	61
71	The Evolutionary Origin and Genetic Makeup of Domestic Horses. <i>Genetics</i> , 2016, 204, 423-434.	2.9	61
72	Extracellular proteases of (encephalitis isolate belonging to T1 genotype) contribute to increased permeability in an in vitro model of the human blood-brain barrier. <i>Journal of Infection</i> , 2005, 51, 150-156.	3.3	60

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73	Cellulose degradation: a therapeutic strategy in the improved treatment of Acanthamoeba infections. Parasites and Vectors, 2015, 8, 23.	2.5	60
74	Novel 2,5-disubstituted-1,3,4-oxadiazoles with benzimidazole backbone: A new class of α -glucuronidase inhibitors and in silico studies. Bioorganic and Medicinal Chemistry, 2015, 23, 3119-3125.	3.0	60
75	Identification and characterization of antibacterial compound(s) of cockroaches (<i>Periplaneta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	60
76	Identification and properties of proteases from an Acanthamoeba isolate capable of producing granulomatous encephalitis. BMC Microbiology, 2006, 6, 42.	3.3	59
77	Bisindolylmethane thiosemicarbazides as potential inhibitors of urease: Synthesis and molecular modeling studies. Bioorganic and Medicinal Chemistry, 2018, 26, 152-160.	3.0	59
78	Acanthamoeba is an evolutionary ancestor of macrophages: A myth or reality?. Experimental Parasitology, 2012, 130, 95-97.	1.2	57
79	The role of proteases in the differentiation of <i>Acanthamoeba castellanii</i> . FEMS Microbiology Letters, 2008, 286, 9-15.	1.8	54
80	Cytotoxic effects of aflatoxin B1 on human brain microvascular endothelial cells of the blood-brain barrier. Medical Mycology, 2015, 53, 409-416.	0.7	54
81	Silver nanoparticle conjugation affects antiacanthamoebic activities of amphotericin B, nystatin, and fluconazole. Parasitology Research, 2018, 117, 265-271.	1.6	54
82	Synthesis, biological evaluation, and docking studies of novel thiourea derivatives of bisindolylmethane as carbonic anhydrase II inhibitor. Bioorganic Chemistry, 2015, 62, 83-93.	4.1	53
83	Oxindole based oxadiazole hybrid analogs: Novel α -glucosidase inhibitors. Bioorganic Chemistry, 2018, 76, 273-280.	4.1	53
84	Oxadiazoles and thiadiazoles: Novel α -glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 5454-5465.	3.0	52
85	Discovery of novel oxindole derivatives as potent α -glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 3441-3448.	3.0	51
86	2-Arylquinazolin-4(3H)-ones: A new class of α -glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 7417-7421.	3.0	51
87	Combating Acanthamoeba spp. cysts: what are the options?. Parasites and Vectors, 2018, 11, 26.	2.5	51
88	Synthesis, in vitro α -glucosidase inhibitory potential of benzimidazole bearing bis-Schiff bases and their molecular docking study. Bioorganic Chemistry, 2020, 94, 103394.	4.1	51
89	Synthesis of new indazole based dual inhibitors of α -glucosidase and α -amylase enzymes, their in vitro, in silico and kinetics studies. Bioorganic Chemistry, 2020, 94, 103195.	4.1	51
90	In Vitro Efficacies of Clinically Available Drugs against Growth and Viability of an Acanthamoeba castellanii Keratitis Isolate Belonging to the T4 Genotype. Antimicrobial Agents and Chemotherapy, 2013, 57, 3561-3567.	3.2	50

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91	Biocompatible Tin Oxide Nanoparticles: Synthesis, Antibacterial, Anticandidal and Cytotoxic Activities. <i>ChemistrySelect</i> , 2019, 4, 4013-4017.	1.5	50
92	2-(2-Pyridyl) benzimidazole derivatives and their urease inhibitory activity. <i>Medicinal Chemistry Research</i> , 2014, 23, 4447-4454.	2.4	49
93	Synthesis of Bis-indolylmethane sulfonylhydrazides derivatives as potent α -Glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2018, 80, 112-120.	4.1	49
94	Gut microbiome and human health under the space environment. <i>Journal of Applied Microbiology</i> , 2021, 130, 14-24.	3.1	49
95	Synthesis of gold nanoparticles stabilized by a pyrazinium thioacetate ligand: A new colorimetric nanosensor for detection of heavy metal Pd(II). <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 875-881.	7.8	48
96	2-Aryl and 4-arylidene substituted pyrazolones: As potential α -amylase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 47-58.	5.5	48
97	New indole based hybrid oxadiazole scaffolds with N-substituted acetamides: As potent anti-diabetic agents. <i>Bioorganic Chemistry</i> , 2018, 81, 253-263.	4.1	48
98	Balamuthia mandrillaris exhibits metalloprotease activities. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 47, 83-91.	2.7	47
99	Evaluation of bisindole as potent β -glucuronidase inhibitors: Synthesis and in silico based studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1825-1829.	2.2	47
100	Synthesis, α -glucosidase inhibitory, cytotoxicity and docking studies of 2-aryl-7-methylbenzimidazoles. <i>Bioorganic Chemistry</i> , 2016, 65, 100-109.	4.1	47
101	Dihydropyrano [2,3-c] pyrazole: Novel in vitro inhibitors of yeast α -glucosidase. <i>Bioorganic Chemistry</i> , 2016, 65, 61-72.	4.1	47
102	2-Aryl benzimidazoles: Synthesis, In vitro α -amylase inhibitory activity, and molecular docking study. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 248-260.	5.5	47
103	Silver Nanoparticle Conjugation-Enhanced Antibacterial Efficacy of Clinically Approved Drugs Cephadrine and Vildagliptin. <i>Antibiotics</i> , 2018, 7, 100.	3.7	47
104	Gold Nanoparticle-Conjugated Cinnamic Acid Exhibits Anticancer and Antibacterial Properties. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	47
105	Water-Pipe Smoking and Metabolic Syndrome: A Population-Based Study. <i>PLoS ONE</i> , 2012, 7, e39734.	2.5	46
106	Molecular modeling-based antioxidant arylidene barbiturates as urease inhibitors. <i>Journal of Molecular Graphics and Modelling</i> , 2011, 30, 153-156.	2.4	45
107	Pharmacological basis for the medicinal use of <i>Linum usitatissimum</i> (Flaxseed) in infectious and non-infectious diarrhea. <i>Journal of Ethnopharmacology</i> , 2015, 160, 61-68.	4.1	45
108	Synthesis of 6-chloro-2-Aryl-1H-imidazo[4,5-b]pyridine derivatives: Antidiabetic, antioxidant, β -glucuronidase inhibitor and their molecular docking studies. <i>Bioorganic Chemistry</i> , 2016, 65, 48-56.	4.1	45

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109	Synthesis of quinoline derivatives as diabetic II inhibitors and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 4081-4088.	3.0	45
110	Zinc oxide nanoparticles conjugated with clinically-approved medicines as potential antibacterial molecules. <i>AMB Express</i> , 2021, 11, 104.	3.0	45
111	Mechanisms associated with <i>Acanthamoeba castellanii</i> (T4) phagocytosis. <i>Parasitology Research</i> , 2005, 96, 402-409.	1.6	44
112	The capsule plays an important role in <i>Escherichia coli</i> K1 interactions with <i>Acanthamoeba</i> . <i>International Journal for Parasitology</i> , 2007, 37, 417-423.	3.1	44
113	Gut bacteria of cockroaches are a potential source of antibacterial compound(s). <i>Letters in Applied Microbiology</i> , 2018, 66, 416-426.	2.2	44
114	Novel Coronavirus: Current Understanding of Clinical Features, Diagnosis, Pathogenesis, and Treatment Options. <i>Pathogens</i> , 2020, 9, 297.	2.8	44
115	<i>Acanthamoeba</i> and the blood-brain barrier: the breakthrough. <i>Journal of Medical Microbiology</i> , 2008, 57, 1051-1057.	1.8	43
116	Synthesis and structure-activity relationship of thiobarbituric acid derivatives as potent inhibitors of urease. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4119-4123.	3.0	43
117	Crocodiles and alligators: Antiamoebic and antitumor compounds of crocodiles. <i>Experimental Parasitology</i> , 2017, 183, 194-200.	1.2	43
118	<i>Acanthamoeba castellanii</i> : High antibody prevalence in racially and ethnically diverse populations. <i>Experimental Parasitology</i> , 2009, 121, 254-256.	1.2	42
119	Synthesis of novel benzohydrazone-oxadiazole hybrids as β -glucuronidase inhibitors and molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7394-7404.	3.0	42
120	A Novel Prosumer-Based Energy Sharing and Management (PESM) Approach for Cooperative Demand Side Management (DSM) in Smart Grid. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 275.	2.5	42
121	Dihydropyridines as potential α -amylase and β -glucosidase inhibitors: Synthesis, in vitro and in silico studies. <i>Bioorganic Chemistry</i> , 2020, 96, 103581.	4.1	42
122	Syntheses, in vitro α -amylase and β -glucosidase dual inhibitory activities of 4-amino-1,2,4-triazole derivatives their molecular docking and kinetic studies. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115467.	3.0	42
123	5-Acetyl-6-methyl-4-aryl-3,4-dihydropyrimidin-2(1H)-ones: As potent urease inhibitors; synthesis, in vitro screening, and molecular modeling study. <i>Bioorganic Chemistry</i> , 2018, 76, 37-52.	4.1	41
124	Cobalt nanoparticles as novel nanotherapeutics against <i>Acanthamoeba castellanii</i> . <i>Parasites and Vectors</i> , 2019, 12, 280.	2.5	41
125	Indole acrylonitriles as potential anti-hyperglycemic agents: Synthesis, β -glucosidase inhibitory activity and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115605.	3.0	41
126	<i>Acanthamoeba</i> isolates belonging to T1, T2, T3, T4 but not T7 encyst in response to increased osmolarity and cysts do not bind to human corneal epithelial cells. <i>Acta Tropica</i> , 2005, 95, 100-108.	2.0	40

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127	Expeditious Method for Synthesis of Symmetrical 1,3-Disubstituted Ureas and Thioureas. <i>Synthetic Communications</i> , 2005, 35, 1663-1674.	2.1	40
128	<i>Acanthamoeba castellanii</i> of the T4 genotype is a potential environmental host for <i>Enterobacter aerogenes</i> and <i>Aeromonas hydrophila</i> . <i>Parasites and Vectors</i> , 2013, 6, 169.	2.5	40
129	Synthesis and evaluation of unsymmetrical heterocyclic thioureas as potent β -glucuronidase inhibitors. <i>Medicinal Chemistry Research</i> , 2015, 24, 3166-3173.	2.4	40
130	Gold Nanoparticle Conjugation Enhances the Antiacanthamoebic Effects of Chlorhexidine. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1283-1288.	3.2	40
131	Boron Nitride Doped Polyhydroxyalkanoate/Chitosan Nanocomposite for Antibacterial and Biological Applications. <i>Nanomaterials</i> , 2019, 9, 645.	4.1	40
132	Dihydropyrimidones: As novel class of β -glucuronidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3624-3635.	3.0	39
133	Chalcones and bis-chalcones: As potential α -amylase inhibitors; synthesis, in vitro screening, and molecular modelling studies. <i>Bioorganic Chemistry</i> , 2018, 79, 179-189.	4.1	39
134	Synthesis of azachalcones, their α -amylase, α -glucosidase inhibitory activities, kinetics, and molecular docking studies. <i>Bioorganic Chemistry</i> , 2021, 106, 104489.	4.1	39
135	Cellulose biosynthesis pathway is a potential target in the improved treatment of <i>Acanthamoeba keratitis</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 133-140.	3.6	38
136	Protozoa traversal of the blood-brain barrier to invade the central nervous system. <i>FEMS Microbiology Reviews</i> , 2010, 34, 532-553.	8.6	38
137	Flurbiprofen derivatives as novel α -amylase inhibitors: Biology-oriented drug synthesis (BIODS), in vitro, and in silico evaluation. <i>Bioorganic Chemistry</i> , 2018, 81, 157-167.	4.1	38
138	The Use of Nanomedicine for Targeted Therapy against Bacterial Infections. <i>Antibiotics</i> , 2019, 8, 260.	3.7	38
139	2,4,6-Trichlorophenylhydrazine Schiff Bases as DPPH Radical and Super Oxide Anion Scavengers. <i>Medicinal Chemistry</i> , 2012, 8, 452-461.	1.5	38
140	Synthesis of Benzophenonehydrazone Schiff Bases and their In Vitro Antiglycating Activities. <i>Medicinal Chemistry</i> , 2013, 9, 588-595.	1.5	38
141	Ecto-ATPases of clinical and non-clinical isolates of <i>Acanthamoeba</i> . <i>Microbial Pathogenesis</i> , 2004, 37, 231-239.	2.9	37
142	Evaluation of 2-indolcarbohydrazones as potent α -glucosidase inhibitors, in silico studies and DFT based stereochemical predictions. <i>Bioorganic Chemistry</i> , 2015, 63, 24-35.	4.1	37
143	Synthesis, in vitro α -glucosidase inhibitory activity and molecular docking studies of new thiazole derivatives. <i>Bioorganic Chemistry</i> , 2016, 68, 245-258.	4.1	37
144	Molecular hybridization conceded exceptionally potent quinolinyl-oxadiazole hybrids through phenyl linked thiosemicarbazide antileishmanial scaffolds: In silico validation and SAR studies. <i>Bioorganic Chemistry</i> , 2017, 71, 192-200.	4.1	37

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145	Synthesis of piperazine sulfonamide analogs as diabetic-II inhibitors and their molecular docking study. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 530-537.	5.5	37
146	Inefficacy of marketed contact lens disinfection solutions against keratitis-causing <i>Acanthamoeba castellanii</i> belonging to the T4 genotype. <i>Experimental Parasitology</i> , 2014, 141, 122-128.	1.2	36
147	Acyldiazide Schiff Bases: DPPH Radical and Superoxide Anion Scavengers. <i>Medicinal Chemistry</i> , 2012, 8, 705-710.	1.5	36
148	Anti-Acanthamoebic properties of resveratrol and demethoxycurcumin. <i>Experimental Parasitology</i> , 2012, 132, 519-523.	1.2	35
149	Dihydropyrimidine based hydrazine dihydrochloride derivatives as potent urease inhibitors. <i>Bioorganic Chemistry</i> , 2016, 64, 85-96.	4.1	35
150	Repositioning of Guanabenz in Conjugation with Gold and Silver Nanoparticles against Pathogenic Amoebae <i>Acanthamoeba castellanii</i> and <i>Naegleria fowleri</i> . <i>ACS Infectious Diseases</i> , 2019, 5, 2039-2046.	3.8	35
151	Drug Discovery against <i>Acanthamoeba</i> Infections: Present Knowledge and Unmet Needs. <i>Pathogens</i> , 2020, 9, 405.	2.8	35
152	Fabrication of biopolymer polyhydroxyalkanoate/chitosan and 2D molybdenum disulfide "doped" scaffolds for antibacterial and biomedical applications. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3121-3131.	3.6	35
153	Genotypic, phenotypic, biochemical, physiological and pathogenicity-based categorisation of <i>Acanthamoeba</i> strains. <i>Folia Parasitologica</i> , 2003, 50, 97-104.	1.3	35
154	Oxindole Derivatives: Synthesis and Antiglycation Activity. <i>Medicinal Chemistry</i> , 2013, 9, 681-688.	1.5	35
155	Molecular Tools for Speciation and Epidemiological Studies of <i>Acanthamoeba</i> . <i>Current Microbiology</i> , 2002, 44, 444-449.	2.2	34
156	<i>Acanthamoeba</i> invasion of the central nervous system. <i>International Journal for Parasitology</i> , 2007, 37, 131-138.	3.1	34
157	War of the microbial worlds: Who is the beneficiary in <i>Acanthamoeba</i> -bacterial interactions?. <i>Experimental Parasitology</i> , 2012, 130, 311-313.	1.2	34
158	Synthesis and molecular modelling studies of phenyl linked oxadiazole-phenylhydrazone hybrids as potent antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 1021-1033.	5.5	34
159	Novel acridine-based thiosemicarbazones as "turn-on" chemosensors for selective recognition of fluoride anion: a spectroscopic and theoretical study. <i>Royal Society Open Science</i> , 2018, 5, 180646.	2.4	34
160	Synthesis, structure-activity relationship and molecular docking studies of 3-O-flavonol glycosides as cholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3696-3706.	3.0	34
161	Synthesis, in vitro α -amylase inhibitory, and radicals (DPPH & ABTS) scavenging potentials of new N-sulfonohydrazide substituted indazoles. <i>Bioorganic Chemistry</i> , 2020, 94, 103410.	4.1	34
162	Antiamoebic activity of plant-based natural products and their conjugated silver nanoparticles against <i>Acanthamoeba castellanii</i> (ATCC 50492). <i>AMB Express</i> , 2020, 10, 24.	3.0	34

#	ARTICLE	IF	CITATIONS
163	Synthesis, molecular docking study and in vitro thymidine phosphorylase inhibitory potential of oxadiazole derivatives. <i>Bioorganic Chemistry</i> , 2018, 78, 58-67.	4.1	33
164	Synthesis of 2,4,6-Trichlorophenyl Hydrazones and their Inhibitory Potential Against Glycation of Protein. <i>Medicinal Chemistry</i> , 2011, 7, 572-580.	1.5	33
165	Clinically Approved Drugs against CNS Diseases as Potential Therapeutic Agents To Target Brain-Eating Amoebae. <i>ACS Chemical Neuroscience</i> , 2019, 10, 658-666.	3.5	32
166	Synthesis, α -glucosidase inhibitory potential and molecular docking study of benzimidazole derivatives. <i>Bioorganic Chemistry</i> , 2020, 95, 103555.	4.1	32
167	Application and Importance of Theranostics in the Diagnosis and Treatment of Cancer. <i>Archives of Medical Research</i> , 2021, 52, 131-142.	3.3	32
168	Synthesis of indole-based-thiadiazole derivatives as a potent inhibitor of α -glucosidase enzyme along with in silico study. <i>Bioorganic Chemistry</i> , 2021, 108, 104638.	4.1	32
169	.BETA.-N-Cyanoethyl Acyl Hydrazide Derivatives: A New Class of .BETA.-Glucuronidase Inhibitors.. <i>Chemical and Pharmaceutical Bulletin</i> , 2002, 50, 1443-1446.	1.3	31
170	Animals living in polluted environments are potential source of antimicrobials against infectious agents. <i>Pathogens and Global Health</i> , 2012, 106, 218-223.	2.3	31
171	Syntheses, in vitro evaluation and molecular docking studies of 5-bromo-2-aryl benzimidazoles as α -glucosidase inhibitors. <i>Medicinal Chemistry Research</i> , 2016, 25, 2058-2069.	2.4	31
172	Immunity-Boosting Spices and the Novel Coronavirus. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1696-1698.	3.5	31
173	Use of In Vitro Assays To Determine Effects of Human Serum on Biological Characteristics of <i>Acanthamoeba castellanii</i> . <i>Journal of Clinical Microbiology</i> , 2006, 44, 2595-2600.	3.9	30
174	Novel Chemotherapeutic Strategies in the Management of Primary Amoebic Meningoencephalitis Due to <i>Naegleria fowleri</i> . <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 289-290.	3.9	30
175	Targeting cyst wall is an effective strategy in improving the efficacy of marketed contact lens disinfecting solutions against <i>Acanthamoeba castellanii</i> cysts. <i>Contact Lens and Anterior Eye</i> , 2016, 39, 239-243.	1.7	30
176	A patent update on therapeutic applications of urease inhibitors (2012–2018). <i>Expert Opinion on Therapeutic Patents</i> , 2019, 29, 181-189.	5.0	30
177	Gut bacteria of <i>Cuora amboinensis</i> (turtle) produce broad-spectrum antibacterial molecules. <i>Scientific Reports</i> , 2019, 9, 17012.	3.3	30
178	Gold Nanoparticles Conjugation Enhances Antiacanthamoebic Properties of Nystatin, Fluconazole and Amphotericin B. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 171-177.	2.1	30
179	Human Immunodeficiency Virus Type 1 Tat-Mediated Cytotoxicity of Human Brain Microvascular Endothelial Cells. <i>Journal of NeuroVirology</i> , 2003, 9, 584-593.	2.1	29
180	Synthesis, structure–activity relationship and molecular docking of 3-oxoaurones and 3-thioaurones as acetylcholinesterase and butyrylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 100-106.	3.0	29

#	ARTICLE	IF	CITATIONS
181	Cytotoxic effects of Benzodioxane, Naphthalene diimide, Porphyrin and Acetamol derivatives on HeLa cells. <i>SAGE Open Medicine</i> , 2018, 6, 205031211878196.	1.8	29
182	Synthesis and screening of (E)-3-(2-benzylidenehydrazinyl)-5,6-diphenyl-1,2,4-triazine analogs as novel dual inhibitors of α -amylase and α -glucosidase. <i>Bioorganic Chemistry</i> , 2020, 101, 103979.	4.1	29
183	Balamuthia mandrillaris stimulates interleukin-6 release in primary human brain microvascular endothelial cells via a phosphatidylinositol 3-kinase-dependent pathway. <i>Microbes and Infection</i> , 2005, 7, 1345-1351.	1.9	28
184	Effect of Antimicrobial Compounds on Balamuthia mandrillaris Encystment and Human Brain Microvascular Endothelial Cell Cytopathogenicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4471-4473.	3.2	28
185	Gp120-mediated cytotoxicity of human brain microvascular endothelial cells is dependent on p38 mitogen-activated protein kinase activation. <i>Journal of NeuroVirology</i> , 2007, 13, 242-251.	2.1	28
186	Synthesis of 3-ferrocenylaniline: DNA interaction, antibacterial, and antifungal activity. <i>Medicinal Chemistry Research</i> , 2013, 22, 3154-3159.	2.4	28
187	The effect of different environmental conditions on the encystation of Acanthamoeba castellanii belonging to the T4 genotype. <i>Experimental Parasitology</i> , 2013, 135, 30-35.	1.2	28
188	Combined drug therapy in the management of granulomatous amoebic encephalitis due to Acanthamoeba spp., and Balamuthia mandrillaris. <i>Experimental Parasitology</i> , 2014, 145, S115-S120.	1.2	28
189	Pd-catalyzed dehydrogenative cross-coupling of pyridine-N-oxides with uracils. <i>RSC Advances</i> , 2014, 4, 13764.	3.6	28
190	The immunomodulation potential of the synthetic derivatives of benzothiazoles: Implications in immune system disorders through in vitro and in silico studies. <i>Bioorganic Chemistry</i> , 2016, 64, 21-28.	4.1	28
191	Synthetic nicotinic/isonicotinic thiosemicarbazides: In vitro urease inhibitory activities and molecular docking studies. <i>Bioorganic Chemistry</i> , 2018, 79, 34-45.	4.1	28
192	Synthesis, and In Vitro and In Silico α -Glucosidase Inhibitory Studies of 5-Chloro-2-Aryl Benzo[d]thiazoles. <i>Bioorganic Chemistry</i> , 2018, 78, 269-279.	4.1	28
193	<i>trans</i> -Cinnamic Acid Conjugated Gold Nanoparticles as Potent Therapeutics against Brain-Eating Amoeba <i>Naegleria fowleri</i> . <i>ACS Chemical Neuroscience</i> , 2019, 10, 2692-2696.	3.5	28
194	Antibacterial Activities of Selected Pure Compounds Isolated from Gut Bacteria of Animals Living in Polluted Environments. <i>Antibiotics</i> , 2020, 9, 190.	3.7	28
195	Acanthamoeba induces cell-cycle arrest in host cells. <i>Journal of Medical Microbiology</i> , 2004, 53, 711-717.	1.8	27
196	Synthesis and anti-inflammatory activity of some selected aminothiophene analogs. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 139-143.	5.2	27
197	Balamuthia mandrillaris interactions with human brain microvascular endothelial cells in vitro. <i>Journal of Medical Microbiology</i> , 2007, 56, 1110-1115.	1.8	27
198	Status of free-living amoebae (Acanthamoeba spp., Naegleria fowleri, Balamuthia mandrillaris) in drinking water supplies in Karachi, Pakistan. <i>Journal of Water and Health</i> , 2013, 11, 371-375.	2.6	27

#	ARTICLE	IF	CITATIONS
199	Evaluation of Silica-H ₂ SO ₄ as an Efficient Heterogeneous Catalyst for the Synthesis of Chalcones. <i>Molecules</i> , 2013, 18, 10081-10094.	3.8	27
200	Status of the effectiveness of contact lens solutions against keratitis-causing pathogens. <i>Contact Lens and Anterior Eye</i> , 2015, 38, 34-38.	1.7	27
201	<i>Balamuthia mandrillaris</i> : Morphology, biology, and virulence. <i>Tropical Parasitology</i> , 2015, 5, 15.	0.4	27
202	Synthesis, in vitro urease inhibitory activity, and molecular docking studies of thiourea and urea derivatives. <i>Bioorganic Chemistry</i> , 2018, 80, 129-144.	4.1	27
203	Syntheses, in vitro urease inhibitory activities of urea and thiourea derivatives of tryptamine, their molecular docking and cytotoxic studies. <i>Bioorganic Chemistry</i> , 2019, 83, 595-610.	4.1	27
204	A Simple Assay to Screen Antimicrobial Compounds Potentiating the Activity of Current Antibiotics. <i>BioMed Research International</i> , 2013, 2013, 1-4.	1.9	26
205	Synthesis and in silico studies of novel sulfonamides having oxadiazole ring: As β -glucuronidase inhibitors. <i>Bioorganic Chemistry</i> , 2017, 71, 86-96.	4.1	26
206	Synthesis, molecular docking and xanthine oxidase inhibitory activity of 5-aryl-1H-tetrazoles. <i>Bioorganic Chemistry</i> , 2018, 79, 201-211.	4.1	26
207	Exploring efficacy of indole-based dual inhibitors for α -glucosidase and α -amylase enzymes: In silico, biochemical and kinetic studies. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 217-232.	7.5	26
208	Evaluation of prokaryotic and eukaryotic cells as food source for <i>Balamuthia mandrillaris</i> . <i>Archives of Microbiology</i> , 2006, 186, 261-271.	2.2	25
209	Silencing of xylose isomerase and cellulose synthase by siRNA inhibits encystation in <i>Acanthamoeba castellanii</i> . <i>Parasitology Research</i> , 2013, 112, 1221-1227.	1.6	25
210	Optimizing Combined Emission Economic Dispatch for Solar Integrated Power Systems. <i>IEEE Access</i> , 2016, , 1-1.	4.2	25
211	Thiadiazole derivatives as New Class of β -glucuronidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1909-1918.	3.0	25
212	Coumarin sulfonates: New alkaline phosphatase inhibitors; in vitro and in silico studies. <i>European Journal of Medicinal Chemistry</i> , 2017, 131, 29-47.	5.5	25
213	Animals living in polluted environments are a potential source of anti-tumor molecule(s). <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 80, 919-924.	2.3	25
214	Synthesis, characterization and antileishmanial studies of some bioactive heteroleptic pentavalent antimonials. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3606.	3.5	25
215	Biology-oriented drug synthesis (BIODS): In vitro β -glucuronidase inhibitory and in silico studies on 2-(2-methyl-5-nitro-1H-imidazol-1-yl)ethyl aryl carboxylate derivatives. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 1289-1299.	5.5	25
216	Novel Model To Study Virulence Determinants of <i>Escherichia coli</i> K1. <i>Infection and Immunity</i> , 2007, 75, 5735-5739.	2.2	24

#	ARTICLE	IF	CITATIONS
217	Balamuthia mandrillaris resistance to hostile conditions. Journal of Medical Microbiology, 2008, 57, 428-431.	1.8	24
218	Palladium-Catalyzed Regioselective Cross-Dehydrogenative Coupling of Benzofurans with Uracils at Room Temperature. European Journal of Organic Chemistry, 2015, 2015, 2796-2800.	2.4	24
219	Synthesis and urease inhibitory activities of benzophenone semicarbazones/thiosemicarbazones. Medicinal Chemistry Research, 2016, 25, 2666-2679.	2.4	24
220	Synthesis of 4-(dimethylamino)pyridine propylthioacetate coated gold nanoparticles and their antibacterial and photophysical activity. Journal of Nanobiotechnology, 2018, 16, 6.	9.1	24
221	Bis-coumarins; non-cytotoxic selective urease inhibitors and antiglycation agents. Bioorganic Chemistry, 2019, 91, 103170.	4.1	24
222	Combination Therapy of Clinically Approved Antifungal Drugs Is Enhanced by Conjugation with Silver Nanoparticles. International Microbiology, 2019, 22, 239-246.	2.4	24
223	Synthesis, in vitro and in silico screening of 2-amino-4-aryl-6-(phenylthio) pyridine-3,5-dicarbonitriles as novel α -glucosidase inhibitors. Bioorganic Chemistry, 2020, 100, 103879.	4.1	24
224	Lysates of Locusta migratoria brain exhibit potent broad-spectrum antibacterial activity. Journal of Antimicrobial Chemotherapy, 2008, 62, 634-635.	3.0	23
225	Xanthine oxidase inhibitory activity of nicotino/isonicotinohydrazides: A systematic approach from in vitro , in silico to in vivo studies. Bioorganic and Medicinal Chemistry, 2017, 25, 2351-2371.	3.0	23
226	Oleic acid-conjugated silver nanoparticles as efficient antiamoebic agent against Acanthamoeba castellanii. Parasitology Research, 2019, 118, 2295-2304.	1.6	23
227	Atenolol thiourea hybrid as potent urease inhibitors: Design, biology-oriented drug synthesis, inhibitory activity screening, and molecular docking studies. Bioorganic Chemistry, 2020, 94, 103359.	4.1	23
228	Potent α -amylase inhibitors and radical (DPPH and ABTS) scavengers based on benzofuran-2-yl(phenyl)methanone derivatives: Syntheses, in vitro, kinetics, and in silico studies. Bioorganic Chemistry, 2020, 104, 104238.	4.1	23
229	Synthesis of indole derivatives as diabetics II inhibitors and enzymatic kinetics study of α -glucosidase and α -amylase along with their in-silico study. International Journal of Biological Macromolecules, 2021, 190, 301-318.	7.5	23
230	Synthesis and Bioactivities of Naturally Occurring Anthraquinones: Isochrysophanol, Isozyganein, 1-Hydroxyisochrysophanol and Morindaparvin. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 689-696.	0.7	22
231	Area 51: How do Acanthamoeba invade the central nervous system?. Trends in Parasitology, 2011, 27, 185-189.	3.3	22
232	Acanthamoeba and bacteria produce antimicrobials to target their counterpart. Parasites and Vectors, 2014, 7, 56.	2.5	22
233	Differential receptor dependencies. Anti-Cancer Drugs, 2017, 28, 75-87.	1.4	22
234	Synthesis and in vitro urease inhibitory activity of benzohydrazide derivatives, in silico and kinetic studies. Bioorganic Chemistry, 2019, 82, 163-177.	4.1	22

#	ARTICLE	IF	CITATIONS
235	Gold-Conjugated Curcumin as a Novel Therapeutic Agent against Brain-Eating Amoebae. <i>ACS Omega</i> , 2020, 5, 12467-12475.	3.5	22
236	Indole-3-acetamides: As Potential Antihyperglycemic and Antioxidant Agents; Synthesis, <i>In Vitro</i> α -Amylase Inhibitory Activity, Structure-Activity Relationship, and <i>In Silico</i> Studies. <i>ACS Omega</i> , 2021, 6, 2264-2275.	3.5	22
237	Synthesis and <i>in vitro</i> Leishmanicidal Activity of Disulfide Derivatives. <i>Medicinal Chemistry</i> , 2011, 7, 704-710.	1.5	22
238	Evaluation of synthetic 2-aryl quinoxaline derivatives as α -amylase, α -glucosidase, acetylcholinesterase, and butyrylcholinesterase inhibitors. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 653-668.	7.5	22
239	Leishmanicidal potential of N-substituted morpholine derivatives: Synthesis and structure-activity relationships. <i>Natural Product Research</i> , 2009, 23, 479-484.	1.8	21
240	Synthesis, thymidine phosphorylase inhibition and molecular modeling studies of 1,3,4-oxadiazole-2-thione derivatives. <i>Bioorganic Chemistry</i> , 2015, 60, 37-41.	4.1	21
241	Photochemotherapeutic Strategy against <i>Acanthamoeba</i> Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3031-3041.	3.2	21
242	Carbohydrazones as new class of carbonic anhydrase inhibitors: Synthesis, kinetics, and ligand docking studies. <i>Bioorganic Chemistry</i> , 2017, 72, 89-101.	4.1	21
243	<i>Escherichia coli</i> K1 utilizes host macropinocytic pathways for invasion of brain microvascular endothelial cells. <i>Traffic</i> , 2017, 18, 733-746.	2.7	21
244	Gut bacteria of animals/pests living in polluted environments are a potential source of antibacterials. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3955-3964.	3.6	21
245	<i>Mycobacterium leprae</i> : Pathogenesis, diagnosis, and treatment options. <i>Microbial Pathogenesis</i> , 2020, 149, 104475.	2.9	21
246	Successful computer guided planned synthesis of (4R)-thiazolidine carboxylic acid and its 2-substituted analogues as urease inhibitors. <i>Molecular Diversity</i> , 2006, 10, 223-231.	3.9	20
247	Solvent-free click chemistry for tetrazole synthesis from 1,8-diazabicyclo[5.4.0]undec-7-ene (DBU)-Based fluorinated ionic liquids, their micellization, and density functional theory studies. <i>RSC Advances</i> , 2014, 4, 64128-64137.	3.6	20
248	Predator vs aliens: bacteria interactions with <i>Acanthamoeba</i> . <i>Parasitology</i> , 2014, 141, 869-874.	1.5	20
249	Coumarin sulfonates: As potential leads for ROS inhibition. <i>Bioorganic Chemistry</i> , 2016, 69, 37-47.	4.1	20
250	Synthesis of indole analogs as potent β -glucuronidase inhibitors. <i>Bioorganic Chemistry</i> , 2017, 72, 323-332.	4.1	20
251	Development of nanoparticle-assisted PCR assay in the rapid detection of brain-eating amoebae. <i>Parasitology Research</i> , 2018, 117, 1801-1811.	1.6	20
252	Diclofenac 1,3,4-Oxadiazole Derivatives; Biology-Oriented Drug Synthesis (BIODS) in Search of Better Non-Steroidal, Non-Acid Antiinflammatory Agents. <i>Medicinal Chemistry</i> , 2018, 14, 674-687.	1.5	20

#	ARTICLE	IF	CITATIONS
253	Antimicrobial discovery from natural and unusual sources. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1287-1300.	2.4	20
254	Novel Azoles as Antiparasitic Remedies against Brain-Eating Amoebae. <i>Antibiotics</i> , 2020, 9, 188.	3.7	20
255	Lupeol acetate as a potent antifungal compound against opportunistic human and phytopathogenic mold <i>Macrophomina phaseolina</i> . <i>Scientific Reports</i> , 2021, 11, 8417.	3.3	20
256	Evaluation and docking of indole sulfonamide as a potent inhibitor of α -glucosidase enzyme in streptozotocin α -induced diabetic albino wistar rats. <i>Bioorganic Chemistry</i> , 2021, 110, 104808.	4.1	20
257	Exploring indole-based-thiadiazole derivatives as potent acetylcholinesterase and butyrylcholinesterase enzyme inhibitors. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 1025-1036.	7.5	20
258	Synthesis and urease inhibitory potential of benzophenone sulfonamide hybrid in vitro and in silico. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1009-1022.	3.0	20
259	Synthesis and properties of symmetrically substituted 4,4'-bis(1,3,5-triazinyl)-diamino stilbene-2,2'-disulfonic acid derivatives as UV absorbing and fluorescent whitening agents. <i>Fibers and Polymers</i> , 2009, 10, 407-412.	2.1	19
260	Possible Roles of Phospholipase A2 in the Biological Activities of <i>Acanthamoeba castellanii</i> (T4) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46.	1.5	19
261	The type III secretion system is involved in <i>Escherichia coli</i> K1 interactions with <i>Acanthamoeba</i> . <i>Experimental Parasitology</i> , 2011, 128, 409-413.	1.2	19
262	Evaluation of the thiazole Schiff bases as β -glucuronidase inhibitors and their in silico studies. <i>Molecular Diversity</i> , 2014, 18, 295-306.	3.9	19
263	Synthesis of phenyl thiazole hydrazones and their activity against glycation of proteins. <i>Medicinal Chemistry Research</i> , 2015, 24, 3077-3085.	2.4	19
264	One Pot Selective Arylation of 2-Bromo-5-Chloro Thiophene; Molecular Structure Investigation via Density Functional Theory (DFT), X-ray Analysis, and Their Biological Activities. <i>International Journal of Molecular Sciences</i> , 2016, 17, 912.	4.1	19
265	Synthesis of novel bisindolylmethanes: New carbonic anhydrase II inhibitors, docking, and 3D pharmacophore studies. <i>Bioorganic Chemistry</i> , 2016, 68, 90-104.	4.1	19
266	1-[(4-Chlorophenyl) carbonyl-4(aryl) thiosemicarbazide derivatives as potent urease inhibitors: Synthesis, in vitro and in silico studies. <i>Bioorganic Chemistry</i> , 2018, 79, 363-371.	4.1	19
267	Novel antiacanthamoebic compounds belonging to quinazolinones. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111575.	5.5	19
268	Gut Bacteria of Water Monitor Lizard (<i>Varanus salvator</i>) Are a Potential Source of Antibacterial Compound(s). <i>Antibiotics</i> , 2019, 8, 164.	3.7	19
269	Schiff bases of tryptamine as potent inhibitors of nucleoside triphosphate diphosphohydrolases (NTPDases): Structure-activity relationship. <i>Bioorganic Chemistry</i> , 2019, 82, 253-266.	4.1	19
270	Biology-oriented drug synthesis (BIODS), in vitro urease inhibitory activity, and in silico study of S-naproxen derivatives. <i>Bioorganic Chemistry</i> , 2019, 83, 29-46.	4.1	19

#	ARTICLE	IF	CITATIONS
271	The increasing importance of <i>Vermamoeba vermiformis</i> . Journal of Eukaryotic Microbiology, 2021, 68, e12857.	1.7	19
272	Metformin-coated silver nanoparticles exhibit anti-acanthamoebic activities against both trophozoite and cyst stages. Experimental Parasitology, 2020, 215, 107915.	1.2	19
273	Brain-eating Amoebae Infection: Challenges and Opportunities in Chemotherapy. Mini-Reviews in Medicinal Chemistry, 2019, 19, 980-987.	2.4	19
274	Synthesis and β -Glucuronidase Inhibitory Potential of Benzimidazole Derivatives. Medicinal Chemistry, 2012, 8, 421-427.	1.5	19
275	Two New Triterpenes from Fern <i>Adiantum incisum</i> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 233-238.	0.7	18
276	Synthesis and DPPH Radical Scavenging Activity of 5-Arylidene-N,N-dimethylbarbiturates. Medicinal Chemistry, 2011, 7, 231-236.	1.5	18
277	A New Urease Inhibitor from <i>Viola betonicifolia</i> . Molecules, 2014, 19, 16770-16778.	3.8	18
278	Synthesis, structure-activity relationships studies of benzoxazinone derivatives as β -chymotrypsin inhibitors. Bioorganic Chemistry, 2017, 70, 210-221.	4.1	18
279	Size selectivity in antibiofilm activity of 3-(diphenylphosphino)propanoic acid coated gold nanomaterials against Gram-positive <i>Staphylococcus aureus</i> and <i>Streptococcus mutans</i> . AMB Express, 2017, 7, 210.	3.0	18
280	The hybrid mode propagation of surface plasmon polaritons at the interface of graphene and a chiral medium. European Physical Journal Plus, 2018, 133, 1.	2.6	18
281	Synthesis of Novel Triazinoindole-Based Thiourea Hybrid: A Study on β -Glucosidase Inhibitors and Their Molecular Docking. Molecules, 2019, 24, 3819.	3.8	18
282	War of the microbial world: <i>Acanthamoeba</i> spp. interactions with microorganisms. Folia Microbiologica, 2021, 66, 689-699.	2.3	18
283	Applications of medicinal chemistry for drug discovery against <i>Acanthamoeba</i> infections. Medicinal Research Reviews, 2022, 42, 462-512.	10.5	18
284	Transforming growth factor- β increases <i>Escherichia coli</i> K1 adherence, invasion, and transcytosis in human brain microvascular endothelial cells. Cell and Tissue Research, 2002, 309, 281-286.	2.9	17
285	Synthesis of Methyl Ether Analogues of Sildenafil (Viagra [®]) Possessing Tyrosinase Inhibitory Potential. Chemistry and Biodiversity, 2005, 2, 470-476.	2.1	17
286	The cyst wall carbohydrate composition of <i>Balamuthia mandrillaris</i> . Parasitology Research, 2009, 104, 1439-1443.	1.6	17
287	Cockroaches and locusts: physicians' answer to infectious diseases. International Journal of Antimicrobial Agents, 2011, 37, 279-280.	2.5	17
288	Rapid cesium fluoride-catalyzed Knoevenagel condensation for the synthesis of highly functionalized 4,4'-bis(arylmethylene)bis(1H-pyrazol-5-ol) derivatives. Monatshefte für Chemie, 2015, 146, 1587-1590.	1.8	17

#	ARTICLE	IF	CITATIONS
289	Direct Regioselective Alkylation of Non-Basic Heterocycles with Alcohols and Cyclic Ethers through a Dehydrogenative Cross-Coupling Reaction under Metal-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2661-2668.	2.4	17
290	Facile synthesis of novel substituted aryl-thiazole (SAT) analogs via one-pot multi-component reaction as potent cytotoxic agents against cancer cell lines. <i>Bioorganic Chemistry</i> , 2017, 70, 133-143.	4.1	17
291	Synthesis, in vitro α -glucosidase inhibitory activity, and in silico study of (E)-thiosemicarbazones and (E)-2-(2-(arylmethylene)hydrazinyl)-4-arylthiazole derivatives. <i>Molecular Diversity</i> , 2018, 22, 841-861.	3.9	17
292	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
293	Effects of Shape and Size of Cobalt Phosphate Nanoparticles against <i>Acanthamoeba castellanii</i> . <i>Pathogens</i> , 2019, 8, 260.	2.8	17
294	Biology-oriented drug synthesis (BIODS), in vitro urease inhibitory activity, and in silico studies on ibuprofen derivatives. <i>Molecular Diversity</i> , 2021, 25, 143-157.	3.9	17
295	Role of human tear fluid in <i>Acanthamoeba</i> interactions with the human corneal epithelial cells. <i>International Journal of Medical Microbiology</i> , 2008, 298, 329-336.	3.6	16
296	Development of a novel ex vivo insect model for studying virulence determinants of <i>Escherichia coli</i> K1. <i>Journal of Medical Microbiology</i> , 2008, 57, 106-110.	1.8	16
297	Status of the effectiveness of contact lens disinfectants in Malaysia against keratitis-causing pathogens. <i>Experimental Parasitology</i> , 2017, 183, 187-193.	1.2	16
298	Production of a monoclonal antibody against a mannose-binding protein of <i>Acanthamoeba culbertsoni</i> and its localization. <i>Experimental Parasitology</i> , 2018, 192, 19-24.	1.2	16
299	Occurrence and molecular characterisation of <i>Acanthamoeba</i> isolated from recreational hot springs in Malaysia: evidence of pathogenic potential. <i>Journal of Water and Health</i> , 2019, 17, 813-825.	2.6	16
300	<i>Naegleria fowleri</i> : diagnosis, treatment options and pathogenesis. <i>Expert Opinion on Orphan Drugs</i> , 2019, 7, 67-80.	0.8	16
301	Enhanced therapeutic efficacy of clotrimazole by delivery through poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 T 47769.	2.6	16
302	Occurrence of free-living amoebae (<i>Acanthamoeba</i> , <i>Balamuthia</i> , <i>Naegleria</i>) in water samples in Peninsular Malaysia. <i>Journal of Water and Health</i> , 2019, 17, 160-171.	2.6	16
303	Acridine-based (thio)semicarbazones and hydrazones: Synthesis, in vitro urease inhibition, molecular docking and in-silico ADME evaluation. <i>Bioorganic Chemistry</i> , 2019, 82, 6-16.	4.1	16
304	SARS-CoV-2 invasion of the central nervous: a brief review. <i>Hospital Practice (1995)</i> , 2021, 49, 157-163.	1.0	16
305	Antidiabetic Drugs and Their Nanoconjugates Repurposed as Novel Antimicrobial Agents against <i>Acanthamoeba castellanii</i> . <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 713-720.	2.1	16
306	The role of gut microbiome in cancer genesis and cancer prevention. <i>Health Sciences Review</i> , 2022, 2, 100010.	1.5	16

#	ARTICLE	IF	CITATIONS
307	Synthesis and Biological Screening of 7-Hydroxy-4-Methyl-2 H-Chromen-2-One, 7-Hydroxy-4,5-Dimethyl-2 H-Chromen-2-One and their Some Derivatives. <i>Natural Product Research</i> , 2003, 17, 115-125.	1.8	15
308	Effects of human serum on <i>Balamuthia mandrillaris</i> interactions with human brain microvascular endothelial cells. <i>Journal of Medical Microbiology</i> , 2007, 56, 30-35.	1.8	15
309	Effect of free versus liposomal-complexed pentamidine isethionate on biological characteristics of <i>Acanthamoeba castellanii</i> in vitro. <i>Journal of Medical Microbiology</i> , 2009, 58, 327-330.	1.8	15
310	<i>Balamuthia mandrillaris</i> : Role of galactose in encystment and identification of potential inhibitory targets. <i>Experimental Parasitology</i> , 2010, 126, 22-27.	1.2	15
311	2,5-Disubstituted-1,3,4-oxadiazoles: thymidine phosphorylase inhibitors. <i>Medicinal Chemistry Research</i> , 2013, 22, 6022-6028.	2.4	15
312	Primary amoebic meningoencephalitis: amoebicidal effects of clinically approved drugs against <i>Naegleria fowleri</i> . <i>Journal of Medical Microbiology</i> , 2014, 63, 760-762.	1.8	15
313	Modern Drifts in Conjugated Polymers and Nanocomposites for Organic Solar Cells: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 140-154.	1.9	15
314	Analysis of numerical results for two-pass trapezoidal channel with different cooling configurations of trailing edge: The effect of dimples. <i>Applied Thermal Engineering</i> , 2015, 89, 763-771.	6.0	15
315	Antibiofilm potential of synthetic 2-amino-5-chlorobenzophenone Schiff bases and its confirmation through fluorescence microscopy. <i>Microbial Pathogenesis</i> , 2017, 110, 497-506.	2.9	15
316	Synthesis, molecular docking study and thymidine phosphorylase inhibitory activity of 3-formylcoumarin derivatives. <i>Bioorganic Chemistry</i> , 2018, 78, 17-23.	4.1	15
317	Biologically active metabolite(s) from haemolymph of red-headed centipede <i>Scolopendra subspinipes</i> possess broad spectrum antibacterial activity. <i>AMB Express</i> , 2019, 9, 95.	3.0	15
318	Aryl Quinazolinone Derivatives as Novel Therapeutic Agents against Brain-Eating Amoebae. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2438-2449.	3.5	15
319	Effect of Microgravity Environment on Gut Microbiome and Angiogenesis. <i>Life</i> , 2021, 11, 1008.	2.4	15
320	Metronidazole conjugated magnetic nanoparticles loaded with amphotericin B exhibited potent effects against pathogenic <i>Acanthamoeba castellanii</i> belonging to the T4 genotype. <i>AMB Express</i> , 2020, 10, 127.	3.0	15
321	Human immunodeficiency virus type 1 tat-mediated cytotoxicity of human brain microvascular endothelial cells. <i>Journal of NeuroVirology</i> , 2003, 9, 584-93.	2.1	15
322	Syntheses and Evaluation of the Analgesic Activity of Some 4-Acetyl- 4-phenylpiperidine and 4-Hydroxy-4-phenylpiperidine Derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999, 54, 1327-1336.	0.7	14
323	Demonstration and partial characterization of ecto-ATPase in <i>Balamuthia mandrillaris</i> and its possible role in the host-cell interactions. <i>Letters in Applied Microbiology</i> , 2008, 47, 348-354.	2.2	14
324	Novel model for the in vivo study of central nervous system infection due to <i>Acanthamoeba</i> spp. (T4) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	14

#	ARTICLE	IF	CITATIONS
325	Black cobra (<i>Naja naja karachiensis</i>) lysates exhibit broad-spectrum antimicrobial activities. Pathogens and Global Health, 2014, 108, 129-136.	2.3	14
326	Structural Basis of Binding and Rationale for the Potent Urease Inhibitory Activity of Biscoumarins. BioMed Research International, 2014, 2014, 1-12.	1.9	14
327	Tackling infection owing to brain-eating amoeba. Acta Tropica, 2015, 142, 86-88.	2.0	14
328	One-pot synthesis of tetrazole-1,2,5,6-tetrahydronicotinonitriles and cholinesterase inhibition: Probing the plausible reaction mechanism via computational studies. Bioorganic Chemistry, 2016, 65, 38-47.	4.1	14
329	4-Arylamino-6-nitroquinazolines: Synthesis and their activities against neglected disease leishmaniasis. European Journal of Medicinal Chemistry, 2016, 108, 13-20.	5.5	14
330	Synthesis of 2-phenyl-1H-imidazo[4,5-b]pyridine as type 2 diabetes inhibitors and molecular docking studies. Medicinal Chemistry Research, 2017, 26, 916-928.	2.4	14
331	Synthesis, in vitro β -glucuronidase inhibitory potential and molecular docking studies of quinolines. European Journal of Medicinal Chemistry, 2017, 139, 849-864.	5.5	14
332	Benzylidene indane-1,3-diones: As novel urease inhibitors; synthesis, in vitro, and in silico studies. Bioorganic Chemistry, 2018, 81, 658-671.	4.1	14
333	4-Oxycoumarinyl linked aceto-hydrazone Schiff bases as potent urease inhibitors. Bioorganic Chemistry, 2020, 105, 104365.	4.1	14
334	Gut Bacteria of <i>Rattus rattus</i> (Rat) Produce Broad-Spectrum Antibacterial Lipopeptides. ACS Omega, 2021, 6, 12261-12273.	3.5	14
335	Substituted Benzimidazole Analogues as Potential α -Amylase Inhibitors and Radical Scavengers. ACS Omega, 2021, 6, 22726-22739.	3.5	14
336	Isolation of Acanthamoeba -Specific Antibodies from a Bacteriophage Display Library. Journal of Clinical Microbiology, 2000, 38, 2374-2377.	3.9	14
337	Acanthamoeba Keratitis: Current Status and Urgent Research Priorities. Current Medicinal Chemistry, 2019, 26, 5711-5726.	2.4	14
338	Opportunistic free-living amoebal pathogens. Pathogens and Global Health, 2022, 116, 70-84.	2.3	14
339	An Alternative Method for the Synthesis of β -Lactones by Using Cesium Fluoride-Celite/Acetonitrile Combination. Synthetic Communications, 2003, 33, 3435-3453.	2.1	13
340	Piperidines: A new class of Urease inhibitors. Natural Product Research, 2006, 20, 523-530.	1.8	13
341	<i>Balamuthia mandrillaris</i> : Staining Properties of Cysts and Trophozoites and the Effect of 2,6-Dichlorobenzonitrile and Calcofluor White on Encystment. Journal of Eukaryotic Microbiology, 2009, 56, 136-141.	1.7	13
342	Novel in vitro and in vivo models to study central nervous system infections due to Acanthamoeba spp.. Experimental Parasitology, 2010, 126, 69-72.	1.2	13

#	ARTICLE	IF	CITATIONS
343	Is <i>Acanthamoeba</i> pathogenicity associated with intracellular bacteria?. <i>Experimental Parasitology</i> , 2011, 129, 207-210.	1.2	13
344	Is Ritual Cleansing a Missing Link Between Fatal Infection and Brain-Eating Amoebae?. <i>Clinical Infectious Diseases</i> , 2012, 54, 1817-1818.	5.8	13
345	<i>Acanthamoeba</i> differentiation: a two-faced drama of Dr Jekyll and Mr Hyde. <i>Parasitology</i> , 2012, 139, 826-834.	1.5	13
346	Killing the Dead: Chemotherapeutic Strategies Against Free-Living Cyst-Forming Protists (<i>Acanthamoeba</i> sp. and <i>Balamuthia mandrillaris</i>). <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 291-297.	1.7	13
347	The effect of peptidic and non-peptidic proteasome inhibitors on the biological properties of <i>Acanthamoeba castellanii</i> belonging to the T4 genotype. <i>Experimental Parasitology</i> , 2016, 168, 16-24.	1.2	13
348	A new glycotoxins inhibitor attenuates insulin resistance in liver and fat cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 188-195.	2.1	13
349	Chelation-Assisted Copper-Mediated Direct Acetylation of 2-Arylpyridine C-H Bonds with Cyanate Salts. <i>Journal of Organic Chemistry</i> , 2016, 81, 6087-6092.	3.2	13
350	Oleic Acid Coated Silver Nanoparticles Showed Better <i>in Vitro</i> Amoebicidal Effects against <i>Naegleria fowleri</i> than Amphotericin B. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2431-2437.	3.5	13
351	Transcriptome analysis of <i>Escherichia coli</i> K1 after therapy with hesperidin conjugated with silver nanoparticles. <i>BMC Microbiology</i> , 2021, 21, 51.	3.3	13
352	Moxifloxacin and Sulfamethoxazole-Based Nanocarriers Exhibit Potent Antibacterial Activities. <i>Antibiotics</i> , 2021, 10, 964.	3.7	13
353	<i>Acanthamoeba</i> produces disseminated infection in locusts and traverses the locust blood-brain barrier to invade the central nervous system. <i>BMC Microbiology</i> , 2010, 10, 186.	3.3	12
354	Benzimidazole derivatives protect against cytokine-induced apoptosis in pancreatic β -Cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4672-4676.	2.2	12
355	Efficient Double Suzuki Cross-Coupling Reactions of 2,5-Dibromo-3-hexylthiophene: Anti-Tumor, Haemolytic, Anti-Thrombolytic and Biofilm Inhibition Studies. <i>Molecules</i> , 2016, 21, 977.	3.8	12
356	<i>In silico</i> binding analysis and SAR elucidations of newly designed benzopyrazine analogs as potent inhibitors of thymidine phosphorylase. <i>Bioorganic Chemistry</i> , 2016, 68, 80-89.	4.1	12
357	Novel quinoxaline based chemosensors with selective dual mode of action: nucleophilic addition and host-guest type complex formation. <i>RSC Advances</i> , 2016, 6, 64009-64018.	3.6	12
358	Facile dimethyl amino group triggered cyclic sulfonamides synthesis and evaluation as alkaline phosphatase inhibitors. <i>Bioorganic Chemistry</i> , 2017, 71, 10-18.	4.1	12
359	Apoptosis in <i>Acanthamoeba castellanii</i> belonging to the T4 genotype. <i>Journal of Basic Microbiology</i> , 2017, 57, 574-579.	3.3	12
360	Antimicrobial and antioxidant activities of a new metabolite from <i>Quercus incana</i> . <i>Natural Product Research</i> , 2017, 31, 1901-1909.	1.8	12

#	ARTICLE	IF	CITATIONS
361	Syntheses of 4,6-dihydropyrimidine diones, their urease inhibition, in vitro, in silico, and kinetic studies. <i>Bioorganic Chemistry</i> , 2017, 75, 317-331.	4.1	12
362	Presence of rotavirus and free-living amoebae in the water supplies of Karachi, Pakistan. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2017, 59, e32.	1.1	12
363	2,5-Disubstituted thiadiazoles as potent β -glucuronidase inhibitors; Synthesis, in vitro and in silico studies. <i>Bioorganic Chemistry</i> , 2019, 91, 103126.	4.1	12
364	Antibacterial Effects of Quinazolin-4(3H)-One Functionalized-Conjugated Silver Nanoparticles. <i>Antibiotics</i> , 2019, 8, 179.	3.7	12
365	Importance of Theranostics in Rare Brain-Eating Amoebae Infections. <i>ACS Chemical Neuroscience</i> , 2019, 10, 6-12.	3.5	12
366	Proposed Intranasal Route for Drug Administration in the Management of Central Nervous System Manifestations of COVID-19. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1523-1524.	3.5	12
367	New biologically dynamic hybrid pharmacophore triazinoindole-based-thiadiazole as potent β -glucosidase inhibitors: In vitro and in silico study. <i>International Journal of Biological Macromolecules</i> , 2022, 199, 77-85.	7.5	12
368	Long-COVID, Metabolic and Endocrine Disease. <i>Hormone and Metabolic Research</i> , 2022, 54, 562-566.	1.5	12
369	An Alternative Method for the Highly Selective Iodination of Alcohols Using a CsI/BF ₃ ·Et ₂ O System. <i>Synthetic Communications</i> , 2003, 33, 2531-2540.	2.1	11
370	Synthesis and Toxicity Evaluation of Some N4-Aryl Substituted 5-Trifluoromethoxyisatin-3-thiosemicarbazones. <i>Molecules</i> , 2011, 16, 6408-6421.	3.8	11
371	<i>Staphylococcus aureus</i> exhibit similarities in their interactions with <i>Acanthamoeba</i> and ThP1 macrophage-like cells. <i>Experimental Parasitology</i> , 2012, 132, 513-518.	1.2	11
372	Photochemotherapeutic strategies against <i>Acanthamoeba keratitis</i> . <i>AMB Express</i> , 2012, 2, 47.	3.0	11
373	Synthesis and biological evaluation of some N 4-aryl-substituted 5-fluoroisatin-3-thiosemicarbazones. <i>Medicinal Chemistry Research</i> , 2013, 22, 5878-5889.	2.4	11
374	Urease inhibition and anticancer activity of novel polyfunctional 5,6-dihydropyridine derivatives and their structure-activity relationship. <i>European Journal of Chemistry</i> , 2013, 4, 49-52.	0.6	11
375	Muscle Relaxant and Sedative-Hypnotic Activities of Extract of <i>Viola betonicifolia</i> in Animal Models Supported by Its Isolated Compound, 4-Hydroxy Coumarin. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	11
376	Prospects of Zinc Sulphide as an alternative buffer layer for CZTS solar cells from numerical analysis. , 2014, , .		11
377	Culturable Aerobic and Facultative Anaerobic Intestinal Bacterial Flora of Black Cobra (<i>Naja naja</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	11
378	The effect of environmental and physiological conditions on excystation of <i>Acanthamoeba castellanii</i> belonging to the T4 genotype. <i>Parasitology Research</i> , 2014, 113, 2809-2816.	1.6	11

#	ARTICLE	IF	CITATIONS
379	Laboratory testing of clinically approved drugs against <i>Balamuthia mandrillaris</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2337-2342.	3.6	11
380	The role of G protein coupled receptor-mediated signaling in the biological properties of <i>Acanthamoeba castellanii</i> of the T4 genotype. <i>Microbial Pathogenesis</i> , 2015, 81, 22-27.	2.9	11
381	A new and facile $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$ -catalyzed one-pot three-component synthesis for quinazolines. <i>Monatshefte für Chemie</i> , 2015, 146, 1877-1880.	1.8	11
382	The effects of phosphane-gold(I) thiolates on the biological properties of <i>Acanthamoeba castellanii</i> belonging to the T4 genotype. <i>Journal of Negative Results in BioMedicine</i> , 2017, 16, 6.	1.4	11
383	A Decade of Progress in Deep Brain Stimulation of the Subcallosal Cingulate for the Treatment of Depression. <i>Journal of Clinical Medicine</i> , 2020, 9, 3260.	2.4	11
384	Centralized air-conditioning and transmission of novel coronavirus. <i>Pathogens and Global Health</i> , 2020, 114, 228-229.	2.3	11
385	Synthesis of indole based acetohydrazide analogs: Their in vitro and in silico thymidine phosphorylase studies. <i>Bioorganic Chemistry</i> , 2020, 98, 103745.	4.1	11
386	COVID-19: Is There a Link between Alcohol Abuse and SARS-CoV-2-Induced Severe Neurological Manifestations?. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1024-1025.	4.9	11
387	<i>Crocodylus porosus</i> Gut Bacteria: A Possible Source of Novel Metabolites. <i>Molecules</i> , 2021, 26, 4999.	3.8	11
388	Sera/Organ Lysates of Selected Animals Living in Polluted Environments Exhibit Cytotoxicity against Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 19, 2251-2268.	1.7	11
389	Gut microbiome-immune system interaction in reptiles. <i>Journal of Applied Microbiology</i> , 2022, 132, 2558-2571.	3.1	11
390	A modified, economical and efficient synthesis of variably substituted pyrazolo[4,3-d]pyrimidin-7-ones. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 1085-1093.	2.6	10
391	Synthesis and leishmanicidal activity of 2,3,4-substituted-5-imidazolones. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 29-37.	5.2	10
392	Assessment of <i>Trans</i> Fatty Acid Level in French Fries from Various Fast Food Outlets in Karachi, Pakistan. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2014, 91, 1831-1836.	1.9	10
393	War on terror cells: killing the host that harbours "superbugs" is an infection control strategy in our fight against infectious diseases. <i>Pathogens and Global Health</i> , 2014, 108, 4-10.	2.3	10
394	2-Arylquinazolin-4(3H)-ones: A novel class of thymidine phosphorylase inhibitors. <i>Bioorganic Chemistry</i> , 2015, 63, 142-151.	4.1	10
395	Interactions of <i>Pseudomonas aeruginosa</i> and <i>Corynebacterium</i> spp. with non-phagocytic brain microvascular endothelial cells and phagocytic <i>Acanthamoeba castellanii</i> . <i>Parasitology Research</i> , 2015, 114, 2349-2356.	1.6	10
396	Synthetic indole Mannich bases: Their ability to modulate in vitro cellular immunity. <i>Bioorganic Chemistry</i> , 2015, 60, 118-122.	4.1	10

#	ARTICLE	IF	CITATIONS
397	An optimized approach for home appliances scheduling in smart grid. , 2016, , .		10
398	Acanthamoeba castellanii interactions with Streptococcus pneumoniae and Streptococcus pyogenes. Experimental Parasitology, 2017, 183, 128-132.	1.2	10
399	Synthesis of 4-formyl pyridinium propylthioacetate stabilized silver nanoparticles and their application in chemosensing of 6-aminopenicillanic acid (APA). International Journal of Environmental Science and Technology, 2019, 16, 1563-1570.	3.5	10
400	Crocodiles and Alligators: Physiciansâ€™ Answer to Cancer?. Current Oncology, 2019, 26, 186-186.	2.2	10
401	Novel insights into the potential role of ion transport in sensory perception in Acanthamoeba. Parasites and Vectors, 2019, 12, 538.	2.5	10
402	Isoniazid Conjugated Magnetic Nanoparticles Loaded with Amphotericin B as a Potent Antiamoebic Agent against Acanthamoeba castellanii. Antibiotics, 2020, 9, 276.	3.7	10
403	Synthesis, characterization and applications of poly-aliphatic amine dendrimers and dendrons. Journal of the Iranian Chemical Society, 2020, 17, 2717-2736.	2.2	10
404	Cationic Surfactantâ€™Natural Clay Complex as a Novel Agent Against Acanthamoeba castellanii Belonging to the T4 Genotype. Eye and Contact Lens, 2021, 47, 592-597.	1.6	10
405	Synthesis, anti-diabetic and <i>in silico</i> QSAR analysis of flavone hydrazone Schiff base derivatives. Journal of Biomolecular Structure and Dynamics, 2022, 40, 12723-12738.	3.5	10
406	Synthesis, Immunomodulation and Cytotoxic Effects of Vanadium (IV) Complexes. Medicinal Chemistry, 2014, 10, 287-299.	1.5	10
407	Nanovesicles containing curcumin hold promise in the development of new formulations of anti-Acanthamoebic agents. Molecular and Biochemical Parasitology, 2022, 247, 111430.	1.1	10
408	Longevity, cellular senescence and the gut microbiome: lessons to be learned from crocodiles. Heliyon, 2021, 7, e08594.	3.2	10
409	Tetra-n-butylammonium fluoride-mediated dimerization of (Î±-methylbenzylidene)malononitriles to form polyfunctional 5,6-dihydropyridines derivatives under solvent-free conditions. European Journal of Chemistry, 2012, 3, 179-185.	0.6	9
410	The role of Src kinase in the biology and pathogenesis of Acanthamoeba castellanii. Parasites and Vectors, 2012, 5, 112.	2.5	9
411	Stress Management in Cyst-Forming Free-Living Protists: Programmed Cell Death and/or Encystment. BioMed Research International, 2015, 2015, 1-6.	1.9	9
412	Active site characterization and structure based 3D-QSAR studies on non-redox type 5-lipoxygenase inhibitors. European Journal of Pharmaceutical Sciences, 2016, 88, 26-36.	4.0	9
413	Antiacanthamoebic properties of natural and marketed honey in Pakistan. Asian Pacific Journal of Tropical Biomedicine, 2016, 6, 967-972.	1.2	9
414	Synthesis, in vitro Î²-glucuronidase inhibitory activity and in silico studies of novel (E) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td ()-4-A	4.1	9

#	ARTICLE	IF	CITATIONS
415	Future Priorities in Tackling Infections Due to Brain-Eating Amoebae. ACS Chemical Neuroscience, 2017, 8, 2355-2355.	3.5	9
416	Modeling and operation optimization of RE integrated microgrids considering economic, energy, and environmental aspects. International Journal of Energy Research, 2019, 43, 6721.	4.5	9
417	Synthesis, in vitro urease inhibitory activity, and molecular docking studies of (perfluorophenyl)hydrazone derivatives. Medicinal Chemistry Research, 2019, 28, 873-883.	2.4	9
418	In-silico designing and characterization of binding modes of two novel inhibitors for CB1 receptor against obesity by classical 3D-QSAR approach. Journal of Molecular Graphics and Modelling, 2019, 89, 199-214.	2.4	9
419	Irrigation System and COVID-19 Recurrence: A Potential Risk Factor in the Transmission of SARS-CoV-2. ACS Chemical Neuroscience, 2020, 11, 2903-2905.	3.5	9
420	Antiamoebic activity of synthetic tetrazoles against Acanthamoeba castellanii belonging to T4 genotype and effects of conjugation with silver nanoparticles. Parasitology Research, 2020, 119, 1943-1954.	1.6	9
421	Inhibition potential of phenyl linked benzimidazole-triazolothiadiazole modular hybrids against β -glucuronidase and their interactions thereof. International Journal of Biological Macromolecules, 2020, 161, 355-363.	7.5	9
422	Gut bacteria of animals living in polluted environments exhibit broad-spectrum antibacterial activities. International Microbiology, 2020, 23, 511-526.	2.4	9
423	Brain-eating amoebae: is killing the parasite our only option to prevent death?. Expert Review of Anti-Infective Therapy, 2022, 20, 1-2.	4.4	9
424	<i>N</i> -Aryl-3,4-dihydroisoquinoline Carbothioamide Analogues as Potential Urease Inhibitors. ACS Omega, 2021, 6, 15794-15803.	3.5	9
425	Synthesis, in vitro biological screening and docking study of benzo[d]oxazole bis Schiff base derivatives as a potent anti-Alzheimer agent. Journal of Biomolecular Structure and Dynamics, 2023, 41, 1649-1664.	3.5	9
426	Granulomatous Amoebic Encephalitis: Clinical Diagnosis and Management. American Journal of Infectious Diseases, 2005, 1, 79-83.	0.2	8
427	A novel in vivo model to screen antimicrobial compounds. International Journal of Antimicrobial Agents, 2010, 36, 288-289.	2.5	8
428	The use of high-resolution ^1H nuclear magnetic resonance (NMR) spectroscopy in the clinical diagnosis of Acanthamoeba. Parasitology Research, 2011, 109, 1661-1669.	1.6	8
429	Escherichia coli K1-induced cytopathogenicity of human brain microvascular endothelial cells. Microbial Pathogenesis, 2012, 53, 269-275.	2.9	8
430	An efficient synthesis of substituted bis(indolyl)methanes using sodium bromate and sodium hydrogen sulfite in water. Journal of the Iranian Chemical Society, 2012, 9, 81-83.	2.2	8
431	Prevalence of Acanthamoeba and superbugs in a clinical setting: coincidence or hyperparasitism?. Parasitology Research, 2013, 112, 1349-1351.	1.6	8
432	Recommendations for the management of Acanthamoeba keratitis. Journal of Medical Microbiology, 2014, 63, 770-771.	1.8	8

#	ARTICLE	IF	CITATIONS
433	The use of dimethyl sulfoxide in contact lens disinfectants is a potential preventative strategy against contracting <i>Acanthamoeba keratitis</i> . <i>Contact Lens and Anterior Eye</i> , 2016, 39, 389-393.	1.7	8
434	Modification of Bischler-Mannich indole derivatives through palladium catalyzed Suzuki reaction as effective cholinesterase inhibitors, their kinetic and molecular docking studies. <i>Bioorganic Chemistry</i> , 2018, 76, 166-176.	4.1	8
435	Galactose as novel target against <i>Acanthamoeba</i> cysts. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007385.	3.0	8
436	Current treatment options of <i>Balamuthia mandrillaris</i> : a patent overview. <i>Pharmaceutical Patent Analyst</i> , 2020, 9, 121-123.	1.1	8
437	Antiamoebic activity of 3-aryl-6,7-dimethoxyquinazolin-4(3H)-one library against <i>Acanthamoeba castellanii</i> . <i>Parasitology Research</i> , 2020, 119, 2327-2335.	1.6	8
438	Repurposing of Drugs Is a Viable Approach to Develop Therapeutic Strategies against Central Nervous System Related Pathogenic Amoebae. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2378-2384.	3.5	8
439	<i>Balamuthia mandrillaris</i> : pathogenesis, diagnosis, and treatment. <i>Expert Opinion on Orphan Drugs</i> , 2020, 8, 111-119.	0.8	8
440	The increasing importance of the novel Coronavirus. <i>Hospital Practice (1995)</i> , 2021, 49, 1-11.	1.0	8
441	Aryl hydrazones linked thiazolyl coumarin hybrids as potential urease inhibitors. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 1221-1238.	2.2	8
442	Chalcones: As Potent α -amylase Enzyme Inhibitors; Synthesis, In Vitro, and In Silico Studies. <i>Medicinal Chemistry</i> , 2021, 17, 903-912.	1.5	8
443	Application of protic ammonium-based ionic liquids with carboxylate anions for phenol extraction from aqueous solution and their cytotoxicity on human cells. <i>Journal of Molecular Liquids</i> , 2021, 342, 117447.	4.9	8
444	<i>Crocodylus porosus</i> : a potential source of anticancer molecules. <i>BMJ Open Science</i> , 2020, 44, e100040.	1.7	8
445	Eukaryotic cell encystation and cancer cell dormancy: is a greater devil veiled in the details of a lesser evil?. <i>Cancer Biology and Medicine</i> , 2015, 12, 64-7.	3.0	8
446	<i>Acanthamoeba</i> species isolated from marine water in Malaysia exhibit distinct genotypes and variable physiological properties. <i>Journal of Water and Health</i> , 2022, 20, 54-67.	2.6	8
447	Potential anti-acanthamoebic effects through inhibition of CYP51 by novel quinazolinones. <i>Acta Tropica</i> , 2022, 231, 106440.	2.0	8
448	Hesperidin-, Curcumin-, and Amphotericin B- Based Nano-Formulations as Potential Antibacterials. <i>Antibiotics</i> , 2022, 11, 696.	3.7	8
449	An expeditious and environmentally friendly synthesis of 3-substituted isocoumarins using microwave irradiation. <i>Natural Product Research</i> , 2008, 22, 1120-1127.	1.8	7
450	Interactions of Neuropathogenic <i>Escherichia coli</i> K1 (RS218) and Its Derivatives Lacking Genomic Islands with Phagocytic <i>Acanthamoeba castellanii</i> and Nonphagocytic Brain Endothelial Cells. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	7

#	ARTICLE	IF	CITATIONS
451	Solvent-free 1H-tetrazole, 1,2,5,6-tetrahydropyridinonitrile and pyrazole synthesis using quinoline based ionic fluoride salts (QuFs): thermal and theoretical studies. RSC Advances, 2015, 5, 95061-95072.	3.6	7
452	Anaerobic respiration: In vitro efficacy of Nitazoxanide against mitochondriate Acanthamoeba castellanii of the T4 genotype. Experimental Parasitology, 2015, 157, 170-176.	1.2	7
453	3,4-Dimethoxybenzohydrazide derivatives as antiulcer: Molecular modeling and density functional studies. Bioorganic Chemistry, 2017, 75, 235-241.	4.1	7
454	Synthesis of 4-substituted ethers of benzophenone and their antileishmanial activities. Royal Society Open Science, 2018, 5, 171771.	2.4	7
455	Current strategies to treat <i>Acanthamoeba</i> keratitis: a patent overview. Pharmaceutical Patent Analyst, 2020, 9, 135-137.	1.1	7
456	Anti-amoebic potential of azole scaffolds and nanoparticles against pathogenic Acanthamoeba. Acta Tropica, 2020, 211, 105618.	2.0	7
457	Synthesis, β -glucuronidase inhibition and molecular docking studies of cyano-substituted bisindole hydrazone hybrids. Molecular Diversity, 2021, 25, 995-1009.	3.9	7
458	Dihydroquinazolin-4(1H)-one derivatives as novel and potential leads for diabetic management. Molecular Diversity, 2022, 26, 849-868.	3.9	7
459	Synthesis, in vitro antiurease, in vivo antinematodal activity of quinoline analogs and their in-silico study. Bioorganic Chemistry, 2021, 115, 105199.	4.1	7
460	Enhancing efficacy of existing antibacterials against selected multiple drug resistant bacteria using cinnamic acid-coated magnetic iron oxide and mesoporous silica nanoparticles. Pathogens and Global Health, 2022, 116, 438-454.	2.3	7
461	Novel Plant-Based Metabolites as Disinfectants against Acanthamoeba castellanii. Antibiotics, 2022, 11, 248.	3.7	7
462	Bis-1,3,4-Oxadiazole Derivatives as Novel and Potential Urease Inhibitors; Synthesis, In Vitro, and In Silico Studies. Medicinal Chemistry, 2022, 18, 820-830.	1.5	7
463	Antibacterial and Cytotoxic Activities of <i>Acacia nilotica</i> Lam (Mimosaceae) Methanol Extracts Against Extended Spectrum Beta-Lactamase Producing <i>Escherichia coli</i> and <i>Klebsiella</i> Species. Tropical Journal of Pharmaceutical Research, 2011, 10, .	0.3	6
464	Antifungal Ursene-type Triterpene from the Roots of <i>Alhagi camelorum</i> . Helvetica Chimica Acta, 2012, 95, 1556-1560.	1.6	6
465	Failure of chemotherapy in the first reported cases of <i>Acanthamoeba</i> keratitis in Pakistan. Pathogens and Global Health, 2014, 108, 49-52.	2.3	6
466	Is there evidence of sexual reproduction (meiosis) in <i>Acanthamoeba</i> ?. Pathogens and Global Health, 2015, 109, 193-195.	2.3	6
467	Effect of non-steroidal anti-inflammatory drugs on biological properties of <i>Acanthamoeba castellanii</i> belonging to the T4 genotype. Experimental Parasitology, 2016, 168, 45-50.	1.2	6
468	Achieving energy efficiency through load balancing: A comparison through formal verification of two WSN routing protocols. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
469	hBN Nanoparticle-Assisted Rapid Thermal Cycling for the Detection of Acanthamoeba. <i>Pathogens</i> , 2020, 9, 824.	2.8	6
470	Synthetic nanoparticle-conjugated bisindoles and hydrazinyl arylthiazole as novel anti-amoebic agents against brain-eating amoebae. <i>Experimental Parasitology</i> , 2020, 218, 107979.	1.2	6
471	SARS-CoV-2: The Increasing Importance of Water Filtration against Highly Pathogenic Microbes. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2482-2484.	3.5	6
472	Synthesis of symmetrical bis-Schiff base-disulfide hybrids as highly effective anti-leishmanial agents. <i>Bioorganic Chemistry</i> , 2020, 99, 103819.	4.1	6
473	War on Terror Cells: Strategies to Eradicate "Novel Coronavirus" Effectively. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1198-1199.	3.5	6
474	COVID-19: Does SARS-CoV-2 Modulate Acanthamoeba Epigenetics to Enhance Survival and Transmission in the Environment?. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1021-1023.	4.9	6
475	Efficient measurement matrix for speech compressive sampling. <i>Multimedia Tools and Applications</i> , 2021, 80, 20327-20343.	3.9	6
476	Polyaniline-Conjugated Boron Nitride Nanoparticles Exhibiting Potent Effects against Pathogenic Brain-Eating Amoebae. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3579-3587.	3.5	6
477	Design and Synthesis of Novel 1,3,4-Oxadiazole Derivatives Bearing Azo Moiety as Biologically Significant Scaffolds. <i>Letters in Drug Design and Discovery</i> , 2018, 15, .	0.7	6
478	Invertebrates living in polluted environments are potential source of novel anticancer agents. <i>Sanat Tasarim Dergisi</i> , 2019, 23, 1079-1089.	0.4	6
479	Cockroaches, locusts, and envenomating arthropods: a promising source of antimicrobials. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 873-877.	1.0	6
480	The increasing importance of the gut microbiome in acne vulgaris. <i>Folia Microbiologica</i> , 2022, 67, 825-835.	2.3	6
481	Epigenetic-Mediated Antimicrobial Resistance: Host versus Pathogen Epigenetic Alterations. <i>Antibiotics</i> , 2022, 11, 809.	3.7	6
482	Antiamoebic properties of salicylic acid-based deep eutectic solvents for the development of contact lens disinfecting solutions against Acanthamoeba. <i>Molecular and Biochemical Parasitology</i> , 2022, 250, 111493.	1.1	6
483	Isolation and Structure Elucidation of Three Glycosides and a Long Chain Alcohol from <i>Polianthes Tuberosa</i> Linn. <i>Natural Product Research</i> , 2002, 16, 283-290.	0.4	5
484	Pathogen-pathogen interactions: a comparative study of <i>Escherichia coli</i> interactions with the clinical and environmental isolates of Acanthamoeba. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 2339-2348.	3.6	5
485	Enemy within: strategies to kill "superbugs"™ in hospitals. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 291.	2.5	5
486	Next generation of non-mammalian blood-brain barrier models to study parasitic infections of the central nervous system. <i>Virulence</i> , 2012, 3, 159-163.	4.4	5

#	ARTICLE	IF	CITATIONS
487	Acanthamoeba interactions with the blood-brain barrier under dynamic fluid flow. <i>Experimental Parasitology</i> , 2012, 132, 367-372.	1.2	5
488	Acanthamoeba can propagate on thermophilic <i>Sulfolobus</i> spp.. <i>Parasitology Research</i> , 2013, 112, 879-881.	1.6	5
489	Infection control strategy by killing drug-resistant bacteria. <i>Pathogens and Global Health</i> , 2013, 107, 215-216.	2.3	5
490	Efficacy and safety of transepithelial collagen crosslinking for progressive keratoconus. <i>Pakistan Journal of Medical Sciences</i> , 2016, 32, 1111-1115.	0.6	5
491	A new indanedione derivative alleviates symptoms of diabetes by modulating RAGE-NF-kappaB pathway in db/db mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 863-870.	2.1	5
492	Targeting the feast of a sleeping beast™: Nutrient and mineral dependencies of encysted <i>Acanthamoeba castellanii</i> . <i>Chemical Biology and Drug Design</i> , 2021, 97, 18-27.	3.2	5
493	Gut bacteria of <i>Varanus salvator</i> possess potential antitumour molecules. <i>International Microbiology</i> , 2021, 24, 47-56.	2.4	5
494	Synthesis, in vitro, and in silico studies of newly functionalized quinazolinone analogs for the identification of potent Î±-glucosidase inhibitors. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2017-2034.	2.2	5
495	Brain-Eating Amoebae in the United Arab Emirates?. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1014-1015.	4.9	5
496	Morphological and molecular characterization of <i>Acanthamoeba</i> isolated from contact lens paraphernalia in Malaysia: Highlighting the pathogenic potential of T4 genotype. <i>Asian Pacific Journal of Tropical Medicine</i> , 2020, 13, 542.	0.8	5
497	Selenium-containing Peptides and their Biological Applications. <i>Current Medicinal Chemistry</i> , 2022, 29, 6379-6421.	2.4	5
498	New synthetic phenylquinazoline derivatives induce apoptosis by targeting the pro-survival members of the BCL-2 family. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 67, 128731.	2.2	5
499	A Novel Steroidal Saponin from <i>Polianthes Tuberosa</i> Linn.. <i>Natural Product Research</i> , 1999, 14, 115-122.	0.4	4
500	Sodium hydride/hexamethylphosphoric triamide: a new and efficient reagent towards the synthesis of protected 1,2- and 5,6-enopyranosides. <i>New Journal of Chemistry</i> , 2001, 25, 896-898.	2.8	4
501	In Vitro Leishmanicidal Activity of 3-substituted Isocoumarins: Synthesis and Structure activity Relationship. <i>Medicinal Chemistry</i> , 2008, 4, 163-169.	1.5	4
502	Neuropathogenic <i>Escherichia coli</i> K1 does not exhibit proteolytic activities to exert its pathogenicity. <i>Journal of Negative Results in BioMedicine</i> , 2013, 12, 8.	1.4	4
503	A bis-Schiff base of isatin improves methylglyoxal mediated insulin resistance in skeletal muscle cells. <i>Archives of Pharmacal Research</i> , 2015, , 1.	6.3	4
504	A proposed cascade of vascular events leading to granulomatous amoebic encephalitis. <i>Microbial Pathogenesis</i> , 2015, 88, 48-51.	2.9	4

#	ARTICLE	IF	CITATIONS
505	Do crocodiles and alligators hold the key to cancer treatment?. <i>BMJ, The</i> , 2016, , i3763.	6.0	4
506	The role of genomic islands in <i>Escherichia coli</i> K1 interactions with intestinal and kidney epithelial cells. <i>Microbial Pathogenesis</i> , 2016, 93, 145-151.	2.9	4
507	Targeting Brain-Eating Amoebae Infections. <i>ACS Chemical Neuroscience</i> , 2017, 8, 687-688.	3.5	4
508	Small molecules as activators in medicinal chemistry (2000â€“2016). <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 1089-1110.	5.0	4
509	A flexible Schiff base probe for spectrophotometric detection of chromium (III). <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 5577-5584.	3.5	4
510	SARS-CoV-2: Disinfection Strategies to Prevent Transmission of Neuro pathogens via Air Conditioning Systems. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3177-3179.	3.5	4
511	Effective photocatalytic methylene orange dye degradation ability in coloured textile contaminated water by highly efficient catalyst Schiff-based resin-encapsulated supported on TiO ₂ @SiO ₂ metal oxide nanoparticles. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3561-3575.	3.3	4
512	<i>Naegleria fowleri</i> : differential genetic expression following treatment with Hesperidin conjugated with silver nanoparticles using RNA-Seq. <i>Parasitology Research</i> , 2020, 119, 2351-2358.	1.6	4
513	Thymidine phosphorylase and prostrate cancer cell proliferation inhibitory activities of synthetic 4-hydroxybenzohydrazides: In vitro, kinetic, and in silico studies. <i>PLoS ONE</i> , 2020, 15, e0227549.	2.5	4
514	Design and Synthesis of Fluoroquinolone Derivatives as Potent α -Glucosidase Inhibitors: In Vitro Inhibitory Screening with In Silico Docking Studies. <i>ChemistrySelect</i> , 2021, 6, 2483-2491.	1.5	4
515	Anti-glycemic potential of benzophenone thio/semicarbazone derivatives: synthesis, enzyme inhibition and ligand docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 7339-7350.	3.5	4
516	In vitro effects of multi-purpose contact lens disinfecting solutions towards survivability of <i>Acanthamoeba</i> genotype T4 in Malaysia. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2352-2359.	3.8	4
517	Contemporary approaches to treat <i>Naegleria fowleri</i> : a patent overview. <i>Pharmaceutical Patent Analyst</i> , 2021, 10, 99-101.	1.1	4
518	Crocodile Gut Microbiome Is a Potential Source of Novel Bioactive Molecules. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1260-1261.	4.9	4
519	Investigating immune responses of the house cricket, <i>Acheta domesticus</i> to pathogenic <i>Escherichia coli</i> K1. <i>Microbes and Infection</i> , 2021, 23, 104876.	1.9	4
520	Conjugation with Silver Nanoparticles Enhances Anti-Acanthamoebic Activity of <i>Kappaphycus alvarezii</i> . <i>Journal of Parasitology</i> , 2021, 107, 537-546.	0.7	4
521	Nanovehicles in the improved treatment of infections due to brain-eating amoebae. <i>International Microbiology</i> , 2021, , 1.	2.4	4
522	An effort to find new α -amylase inhibitors as potent antidiabetics compounds based on indole-based-thiadiazole analogs. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 13103-13114.	3.5	4

#	ARTICLE	IF	CITATIONS
523	Indane-1,3-diones: As Potential and Selective α -glucosidase Inhibitors, their Synthesis, in vitro and in silico Studies. <i>Medicinal Chemistry</i> , 2021, 17, 887-902.	1.5	4
524	Diversified Thiazole Substituted Coumarins and Chromones as Non- Cytotoxic ROS and NO Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 547-555.	0.7	4
525	Sea cucumber as a therapeutic aquatic resource for human health. <i>Fisheries and Aquatic Sciences</i> , 2022, 25, 251-263.	0.8	4
526	Synthesis, antifungal, and phytotoxic effects of some benzopyrone derivatives. <i>Natural Product Research</i> , 2004, 18, 21-27.	1.8	3
527	A convenient iodination method for alcohols using cesium iodide/methanesulfonic acid and its comparison using cesium iodide/ p -toluenesulfonic acid or cesium iodide/aluminium chloride. <i>Natural Product Research</i> , 2008, 22, 1264-1269.	1.8	3
528	The role of the twin-arginine translocation pathway in Escherichia coli K1 pathogenicity in the African migratory locust, <i>Locusta migratoria</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2012, 64, 162-168.	2.7	3
529	Unsymmetrical 1,3-disubstituted urea derivatives as α -chymotrypsin inhibitors. <i>Medicinal Chemistry Research</i> , 2014, 23, 3585-3592.	2.4	3
530	In vitro inhibition of protease-activated receptors 1, 2 and 4 demonstrates that these receptors are not involved in an <i>Acanthamoeba castellanii</i> keratitis isolate-mediated disruption of the human brain microvascular endothelial cells. <i>Experimental Parasitology</i> , 2014, 145, S78-S83.	1.2	3
531	Atomic Force Microscopic Imaging of <i>Acanthamoeba castellanii</i> and <i>Balamuthia mandrillaris</i> Trophozoites and Cysts. <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 85-94.	1.7	3
532	RAEED-EA: A formally analysed energy efficient WSN routing protocol. , 2016, , .		3
533	Isolation of <i>Balamuthia mandrillaris</i> -specific antibody fragments from a bacteriophage antibody display library. <i>Experimental Parasitology</i> , 2016, 166, 94-96.	1.2	3
534	Microwave-assisted green approach toward the unexpected synthesis of pyrazole-4-carboxylates. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1405-1410.	2.2	3
535	Strategies to counter transmission of "superbugs" by targeting free-living amoebae. <i>Experimental Parasitology</i> , 2017, 183, 133-136.	1.2	3
536	Implications of spectral hole burning on the manipulation of spatial Goos-Hänchen shift in an atomic cell. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 781-788.	2.1	3
537	Dihydropyrimidones: A ligands urease recognition study and mechanistic insight through in vitro and in silico approach. <i>Medicinal Chemistry Research</i> , 2021, 30, 120-132.	2.4	3
538	Antitumour Activities of Selected Pure Compounds Identified from the Serum of <i>Crocodylus porosus</i> , <i>Malayopython reticulatus</i> , <i>Varanus salvator</i> and <i>Cuora kamaroma amboinensis</i> . <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 97-106.	1.2	3
539	Antibacterial activity of selected invertebrate species. <i>Folia Microbiologica</i> , 2021, 66, 285-291.	2.3	3
540	Development of anti-acanthamoebic approaches. <i>International Microbiology</i> , 2021, 24, 363-371.	2.4	3

#	ARTICLE	IF	CITATIONS
541	Synthesis of new urease enzyme inhibitors as antiulcer drug and computational study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 8232-8247.	3.5	3
542	Silver Nanoparticle Conjugation with Thiopyridine Exhibited Potent Antibacterial Activity Against <i>Escherichia coli</i> and Further Enhanced by Copper Capping. <i>Jundishapur Journal of Microbiology</i> , 2019, In Press, .	0.5	3
543	Design, Synthesis and Antibacterial Activities of New Azo-compounds: An Experimental and a Computational Approach. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.7	3
544	Cerebral mucormycosis: intranasal route to deliver amphotericin B for effective management?. <i>Current Medical Research and Opinion</i> , 2022, 38, 299-301.	1.9	3
545	Virtual Screening, Synthesis and Biological Evaluation of <i>Streptococcus mutans</i> Mediated Biofilm Inhibitors. <i>Molecules</i> , 2022, 27, 1455.	3.8	3
546	Antiamoebic Properties of Metabolites against <i>Naegleria fowleri</i> and <i>Balamuthia mandrillaris</i> . <i>Antibiotics</i> , 2022, 11, 539.	3.7	3
547	Amine-Based Deep Eutectic Solvents for Alizarin Extraction from Aqueous Media. <i>Processes</i> , 2022, 10, 794.	2.8	3
548	Antiamoebic Properties of Laboratory and Clinically Used Drugs against <i>Naegleria fowleri</i> and <i>Balamuthia mandrillaris</i> . <i>Antibiotics</i> , 2022, 11, 749.	3.7	3
549	Evaluation of Nanoparticles with 5-Fluorouracil and Chloroquine on <i>Acanthamoeba castellanii</i> activity. <i>Molecular and Biochemical Parasitology</i> , 2022, , 111492.	1.1	3
550	An Expeditious Approach to Trisubstituted Chiral Tetrahydrofurans. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2000, 55, 317-320.	0.7	2
551	Syntheses, Antibacterial, Cytotoxic and Antifungal Effects of New 3-Carboxy-1-phenacylpyridinium Salts. <i>Arzneimittelforschung</i> , 2002, 52, 286-293.	0.4	2
552	The immunological aspects of <i>Acanthamoeba</i> infections. <i>American Journal of Immunology</i> , 2005, 1, 24-30.	0.1	2
553	Non-vertebrate models to study parasite invasion of the central nervous system. <i>Trends in Parasitology</i> , 2011, 27, 5-10.	3.3	2
554	Rigorous ablution is a potential risk factor to fatal brain infection in developing countries. <i>Journal of Infection</i> , 2011, 63, 487-488.	3.3	2
555	A novel in vivo model to study bacterial pathogenesis and screen potential therapeutic targets. <i>Journal of Medical Microbiology</i> , 2012, 61, 1036-1038.	1.8	2
556	Anesthesia With Antiamoebic Effects. <i>Journal of Neurosurgical Anesthesiology</i> , 2014, 26, 409-410.	1.2	2
557	Real-Time Pricing with Demand Response Model for Autonomous Homes. , 2015, , .		2
558	The immortal amoeba: a useful model to study cellular differentiation processes?. <i>Pathogens and Global Health</i> , 2015, 109, 305-306.	2.3	2

#	ARTICLE	IF	CITATIONS
559	Partial characterization of <i>Acanthamoeba castellanii</i> (T4 genotype) DNase activity. <i>Parasitology Research</i> , 2015, 114, 457-463.	1.6	2
560	Pyrazinium thioacetate capped gold nanoparticles as Fe(III) sensor and Fe(III) marked anti-proliferating agent in human neuroblastoma cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 135-140.	3.9	2
561	Isolation of tyrosine derived phenolics and their possible beneficial role in anti-inflammatory and antioxidant potential of <i>Tithonia tubaeformis</i> . <i>Natural Product Research</i> , 2019, 35, 1-9.	1.8	2
562	Can the Environmental Phagocyte <i>Acanthamoeba</i> Be a Useful Model to Study SARS-CoV-2 Pathogenicity, Infectivity, and Evasion of Cellular Immune Defenses?. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2149-2151.	3.5	2
563	Identification of novel Epac2 antagonists through in silico and in vitro analyses. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 153, 105492.	4.0	2
564	Neuropathogens and Nasal Cleansing: Use of Clay Montmorillonite Coupled with Activated Carbon for Effective Eradication of Pathogenic Microbes from Water Supplies. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2786-2788.	3.5	2
565	Locusts: A Model to Investigate Human Disease and Sickness Behavior. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1423-1424.	4.9	2
566	Targeting SARS-CoV-2: Novel Source of Antiviral Compound(s) against COVID-19?. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1863-1864.	3.5	2
567	Whole Organism Model to Study Molecular Mechanisms of Differentiation and Dedifferentiation. <i>Biology</i> , 2020, 9, 79.	2.8	2
568	Gut microbiota of animals living in polluted environments are a potential resource of anticancer molecules. <i>Journal of Applied Microbiology</i> , 2021, 131, 1039-1055.	3.1	2
569	Potential Application of Vaporized Drugs via Nasal Inhalers to Prevent Mortality and Central Nervous System Damage Caused by Primary Amoebic Meningoencephalitis Due to <i>Naegleria fowleri</i> . <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1249-1252.	4.9	2
570	Sulfonamides and Sulphonyl Ester of Quinolines as Non-Acidic, Non- Steroidal, Anti-inflammatory Agents. <i>Letters in Drug Design and Discovery</i> , 2021, 18, 112-120.	0.7	2
571	Synthetic Dihydropyridines as Novel Antiacanthamoebic Agents. <i>Medicinal Chemistry</i> , 2020, 16, 841-847.	1.5	2
572	Anti-MRSA (Multidrug Resistant <i>Staphylococcus aureus</i>) Activity of 3-Substituted Coumarins. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 353-362.	0.7	2
573	Novel Tetrazoles against <i>Acanthamoeba castellanii</i> Belonging to the T4 Genotype. <i>Chemotherapy</i> , 2022, 67, 183-192.	1.6	2
574	Anticancer Properties of Asian Water Monitor Lizard (<i>Varanus salvator</i>), Python (<i>Malayopython</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 2020, 20, 1558-1570.	1.7	2
575	Current medicines hold promise in the treatment of orphan infections due to brain-eating amoebae. <i>Expert Opinion on Orphan Drugs</i> , 2021, 9, 227-235.	0.8	2
576	Polyaniline (PANI)-conjugated tungsten disulphide (WS ₂) nanoparticles as potential therapeutics against brain-eating amoebae. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 3279-3291.	3.6	2

#	ARTICLE	IF	CITATIONS
577	Syntheses, in vitro, and in silico studies of rhodanine-based schiff bases as potential $\hat{\pm}$ -amylase inhibitors and radicals (DPPH and ABTS) scavengers. <i>Molecular Diversity</i> , 2023, 27, 767-791.	3.9	2
578	Synthesis and Evaluation of Novel DNA Minor Groove Binders as Antiamoebic Agents. <i>Antibiotics</i> , 2022, 11, 935.	3.7	2
579	Use of Phage Antibodies to Distinguish Closely Related Species of Protozoan Parasites. <i>Disease Markers</i> , 2000, 16, 83-90.	1.3	1
580	Formal modeling of ATC signals using Z notation. , 2012, , .		1
581	Software Engineering Challenges for Ubiquitous Computing in Various Applications. , 2013, , .		1
582	Structure-based 3D-QSAR studies on quinazoline derivatives as platelets-derived growth factor (PDGFR) inhibitors. <i>Medicinal Chemistry Research</i> , 2014, 23, 4070-4084.	2.4	1
583	Crystal structure of 6-amino-4-(3-bromo-4-methoxyphenyl)-3-methyl-2,4-dihydropyrano[2,3-c]pyrazole-5-carbonitrile dimethyl sulfoxide monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o453-o454.	0.5	1
584	The Role of Unsaturated Gaseous Hydrocarbons in Minimization of Sucrose Loses. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 2979-2983.	2.0	1
585	Dialectics of Imagination and Experimentation: Basic Science Research in Developing Countries. <i>Pakistan Journal of Medical Sciences</i> , 2017, 33, 248.	0.6	1
586	Reply to "Comment on "Gain-assisted superluminal propagation and rotary drag of photon and surface plasmon polaritons". <i>Physical Review A</i> , 2019, 99, .	2.5	1
587	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
588	Heterometrus spinifer: An Untapped Source of Anti-Tumor Molecules. <i>Biology</i> , 2020, 9, 150.	2.8	1
589	Gut Bacteria of <i>Columbia livia</i> Are a Potential Source of Anti-Tumour Molecules. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 733-740.	1.2	1
590	Locust as an in Vivo Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1469-1471.	3.5	1
591	<i>Locusta migratoria</i> as a Model to Carryout Laboratory Investigations <i>in vivo</i> . <i>Re:GEN Open</i> , 2021, 1, 40-42.	0.2	1
592	Current Practice of Hospital Acquired Thrombosis (HAT) Prevention in an Acute Hospital (a single) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	1
593	Synthesis of Chalcones as Potential $\hat{\pm}$ $\hat{\alpha}$ -Glucosidase Inhibitors, In $\hat{\alpha}$ Vitro and In $\hat{\alpha}$ Silico Studies. <i>ChemistrySelect</i> , 2021, 6, 9933-9940.	1.5	1
594	Antibacterial effects of octadecyl trimethylammonium micelle $\hat{\alpha}$ clay complex against bacterial eye pathogens: potential as a contact lens disinfectant. <i>International Ophthalmology</i> , 2022, 42, 939-944.	1.4	1

#	ARTICLE	IF	CITATIONS
595	Synthesis, Characterization and Antimicrobial Activity of Thiamine Complexes. Letters in Drug Design and Discovery, 2018, 15, 1276-1287.	0.7	1
596	Identification of Antibacterial Molecule(s) from Animals Living in Polluted Environments. Current Pharmaceutical Biotechnology, 2020, 21, 425-437.	1.6	1
597	The Antimitotic Podophyllotoxin and its Derivatives Recent Synthetic Advances. Current Nutraceuticals, 2022, 3, .	0.1	1
598	Scorpion and Frog Organ Lysates are Potential Source of Antitumour Activity. Asian Pacific Journal of Cancer Prevention, 2020, 21, 3011-3018.	1.2	1
599	SARS-CoV-2: Can sunlight exposure reduce the risk of developing severe consequences of COVID-19?. Computational Biology and Chemistry, 2022, 96, 107602.	2.3	1
600	Natural Products for Targeting <i>Acanthamoeba</i> spp.. Anti-Infective Agents, 2022, 20, .	0.4	1
601	Scorpion and Frog Organ Lysates are Potential Source of Antitumour Activity. Asian Pacific Journal of Cancer Prevention, 2020, 21, 3011-3018.	1.2	1
602	Anti- <i>Naegleria fowleri</i> and Anti- <i>Balamuthia mandrillaris</i> Activities of Propolis. Natural Products Journal, 2022, 12, .	0.3	1
603	Secretory Profile of Selected Gut Bacteria of Cockroaches: A Potential Source of Anti-Infective Agents. Anti-Infective Agents, 2022, 20, .	0.4	1
604	Phenolic compounds and antioxidant activity of <i>Calligonum polygonoides</i> stem and buds. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 467-471.	0.2	1
605	Short Communication - Synthesis of drug metal complexes and their influence on human platelet aggregation. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 587-591.	0.2	1
606	Thiosemicarbazone and thiazolyhydrazones of 1-indanone: As a new class of nonacidic anti-inflammatory and antiplatelet aggregation agents. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 15-19.	0.2	1
607	Synthesis and Evaluation of Bis-Schiff Bases of Carbohydrazide as Antioxidant and Cytotoxic Agents. Medicinal Chemistry, 2022, 18, 667-678.	1.5	1
608	Synthesis, Characterization, DPPH, Ferric Reducing, and Ferrous Ion- Chelating Activities of Isophthalate Schiff Bases. Letters in Drug Design and Discovery, 2023, 20, 31-39.	0.7	1
609	COVID-19 and alcohol use disorder: putative differential gene expression patterns that might be associated with neurological complications. Hospital Practice (1995), 0, , 1-7.	1.0	1
610	Enoxacin-based derivatives: antimicrobial and antibiofilm agent: a biology-oriented drug synthesis (BIODS) approach. Future Medicinal Chemistry, 2022, 14, 947-962.	2.3	1
611	Deterring discriminatory conducts in broadband market. , 2011, , .		0
612	Strategy for incumbent wireline operator: customers' provision of broadband wireless access. Proceedings of SPIE, 2011, , .	0.8	0

#	ARTICLE	IF	CITATIONS
613	Is semen a useful diagnostic tool for rare infections of the central nervous system?. <i>Parasites and Vectors</i> , 2012, 5, 297.	2.5	0
614	Crystal structure of 2-[2-(benzyloxy)benzylidene]malononitrile. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o560-o561.	0.5	0
615	Crystal structure of methyl 2-(7-hydroxy-2-oxo-2H-chromen-4-yl)acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o677-o678.	0.5	0
616	Spectroscopic and morphological investigation of chemically treated cellulose nanowhiskers (CNW) prepared from cotton sliver. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 291-296.	3.1	0
617	Epidermal Cyst in the Breast: A Diagnostic Dilemma. <i>Indian Journal of Surgical Oncology</i> , 2017, 8, 417-419.	0.7	0
618	A new glycotoxin inhibitor mitigates diabetes in genetic mice model. , 2018, , .		0
619	Homo sapiens versus SARS-CoV-2. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2391-2392.	3.5	0
620	An Innovative <i>in Vivo</i> Model for Bioassay-Guided Testing of Potential Antimicrobials. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 788-789.	4.9	0
621	Antibacterial Effects of Derivatives of Porphyrin, Naphthalene diimide, Aminophenol and Benzodioxane on Methicillin Resistant <i>Staphylococcus aureus</i> and Neuropathogenic <i>Escherichia coli</i> K1. <i>Anti-Infective Agents</i> , 2020, 18, 275-284.	0.4	0
622	Dual Targeting of Functionâ€“Structure for Effective Killing of Pathogenic Free-Living Amoebae. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 672-676.	2.8	0
623	Rapid Cesium Fluoride Catalyzed Synthesis of 5-Aryloxy-1-phenyl-1 H tetrazoles via Nucleophilic Aromatic Substitution. <i>Letters in Organic Chemistry</i> , 2021, 18, 389-394.	0.5	0
624	<i>Acanthamoeba</i> Keratitis: Developing a Novel Contact Lens Disinfectant Remains an Unmet Need. <i>Re:GEN Open</i> , 2021, 1, 92-94.	0.2	0
625	The Synthesis and Chemistry of Quinolinediones and their Carbocyclic Analogs. <i>Mini-Reviews in Organic Chemistry</i> , 2021, 18, .	1.3	0
626	Physiology of Renal Handling of Citrate. , 2012, , 183-186.		0
627	Amoebiasis: Neurological Involvement and Neurobiology. , 2014, , 93-110.		0
628	The Host-damage Response to <i>N. fowleri</i> . , 2016, , 83-100.		0
629	Chemotherapeutic and Disinfection Strategies. , 2016, , 45-62.		0
630	Conclusions and Future Studies. , 2016, , 183-192.		0

#	ARTICLE	IF	CITATIONS
631	Cell Biology and Speciation. , 2016, , 101-126.		0
632	War of the Microbial Worlds. , 2016, , 173-182.		0
633	Cellular Differentiation in <i>N. fowleri</i> . , 2016, , 127-152.		0
634	<i>Naegleria fowleri</i> : biology and pathogenesis. , 2018, , .		0
635	Optimizing Power and Energy Efficiency in Cloud Computing. , 2019, , .		0
636	SARS-CoV-2: Possible Factors Contributing to Serious Consequences of COVID-19?. Emirates Medical Journal, 2022, 3, 12-16.	0.3	0
637	Synthesis, spectroscopic characterization and antimicrobial activities of benzoxazolone derivatives. Medicinal Chemistry, 2016, , .	1.5	0
638	Metal complexes of isonicotinylhydrazide and their antitubercular activity. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 2399-2403.	0.2	0
639	Spectroscopic and cytotoxic studies of losartan complexes. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 1871-1879.	0.2	0
640	Heterochelates of metals as an effective anti - Urease agents couple with their docking studies. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 1179-1183.	0.2	0
641	In vitro antiglycation and antioxidant properties of benzophenone thiosemicarbazones. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 1147-1153.	0.2	0
642	Dithiin diisoimides: Synthesis and their antimicrobial studies. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 2067-2081.	0.2	0
643	Identification and structural investigation of potential novel drug candidates against lethal human pathogen. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 21-34.	0.2	0
644	Primary Amoebic Meningoencephalitis: Potential Application of Ionic Liquids Against Brain-Eating Amoebae?. Acta Parasitologica, 2022, , 1.	1.1	0
645	Synthesis and evaluation of novel 1, 2, 4-substituted triazoles for urease and anti-proliferative activity.. Pakistan Journal of Pharmaceutical Sciences, 2022, 35, 209-217.	0.2	0
646	<i>Crocodylus porosus</i> Sera a Potential Source to Identify Novel Epigenetic Targets: In Silico Analysis. Veterinary Sciences, 2022, 9, 210.	1.7	0
647	In vitro and in silico xanthine oxidase inhibitory activities of 3-aryl-2-thioxo-2,3-dihydroquinazolin-4(1H)-one derivatives. Medicinal Chemistry, 2022, 18, .	1.5	0
648	Synthesis and Evaluation of 6-ethoxy-2-mercaptobenzothiazole Scaffolds as Potential α -Glucosidase Inhibitors. ChemistrySelect, 2022, 7, .	1.5	0