

Naveed Ahmed Khan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Synthesis, <i>in vitro</i> biological screening and docking study of benzo[d]oxazole bis Schiff base derivatives as a potent anti-Alzheimer agent. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 1649-1664.	3.5	9
2	Synthesis, Characterization, DPPH, Ferric Reducing, and Ferrous Ion- Chelating Activities of Isophthalate Schiff Bases. <i>Letters in Drug Design and Discovery</i> , 2023, 20, 31-39.	0.7	1
3	Syntheses, <i>in vitro</i> , and <i>in silico</i> studies of rhodanine-based schiff bases as potential α -amylase inhibitors and radicals (DPPH and ABTS) scavengers. <i>Molecular Diversity</i> , 2023, 27, 767-791.	3.9	2
4	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
5	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
6	Dihydroquinazolin-4(1H)-one derivatives as novel and potential leads for diabetic management. <i>Molecular Diversity</i> , 2022, 26, 849-868.	3.9	7
7	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
8	Brain-eating amoebae: is killing the parasite our only option to prevent death?. <i>Expert Review of Anti-Infective Therapy</i> , 2022, 20, 1-2.	4.4	9
9	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
10	Applications of medicinal chemistry for drug discovery against <i>Acanthamoeba</i> infections. <i>Medicinal Research Reviews</i> , 2022, 42, 462-512.	10.5	18
11	An effort to find new α -amylase inhibitors as potent antidiabetic compounds based on indole-based-thiadiazole analogs. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 13103-13114.	3.5	4
12	Synthesis, anti-diabetic and <i>in silico</i> QSAR analysis of flavone hydrazone Schiff base derivatives. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12723-12738.	3.5	10
13	Opportunistic free-living amoebal pathogens. <i>Pathogens and Global Health</i> , 2022, 116, 70-84.	2.3	14
14	Antibacterial effects of octadecyl trimethylammonium micelle-clay complex against bacterial eye pathogens: potential as a contact lens disinfectant. <i>International Ophthalmology</i> , 2022, 42, 939-944.	1.4	1
15	Novel Tetrazoles against <i>Acanthamoeba castellanii</i> Belonging to the T4 Genotype. <i>Chemotherapy</i> , 2022, 67, 183-192.	1.6	2
16	The Antimitotic Podophyllotoxin and its Derivatives Recent Synthetic Advances. <i>Current Nutraceuticals</i> , 2022, 3, .	0.1	1
17	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
18	SARS-CoV-2: Can sunlight exposure reduce the risk of developing severe consequences of COVID-19?. <i>Computational Biology and Chemistry</i> , 2022, 96, 107602.	2.3	1

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19	Nanovesicles containing curcumin hold promise in the development of new formulations of anti-Acanthamoebic agents. <i>Molecular and Biochemical Parasitology</i> , 2022, 247, 111430.	1.1	10
20	<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
21	Natural Products for Targeting <i>Acanthamoeba</i> spp.. <i>Anti-Infective Agents</i> , 2022, 20, .	0.4	1
22	New biologically dynamic hybrid pharmacophore triazinoindole-based-thiadiazole as potent α -glucosidase inhibitors: In vitro and in silico study. <i>International Journal of Biological Macromolecules</i> , 2022, 199, 77-85.	7.5	12
23	Anti- <i>Naegleria fowleri</i> and Anti- <i>Balamuthia mandrillaris</i> Activities of Propolis. <i>Natural Products Journal</i> , 2022, 12, .	0.3	1
24	Gut microbiome-immune system interaction in reptiles. <i>Journal of Applied Microbiology</i> , 2022, 132, 2558-2571.	3.1	11
25	Secretory Profile of Selected Gut Bacteria of Cockroaches: A Potential Source of Anti-Infective Agents. <i>Anti-Infective Agents</i> , 2022, 20, .	0.4	1
26	The role of gut microbiome in cancer genesis and cancer prevention. <i>Health Sciences Review</i> , 2022, 2, 100010.	1.5	16
27	SARS-CoV-2: Possible Factors Contributing to Serious Consequences of COVID-19?. <i>Emirates Medical Journal</i> , 2022, 3, 12-16.	0.3	0
28	Enhancing efficacy of existing antibacterials against selected multiple drug resistant bacteria using cinnamic acid-coated magnetic iron oxide and mesoporous silica nanoparticles. <i>Pathogens and Global Health</i> , 2022, 116, 438-454.	2.3	7
29	Virtual Screening, Synthesis and Biological Evaluation of <i>Streptococcus mutans</i> Mediated Biofilm Inhibitors. <i>Molecules</i> , 2022, 27, 1455.	3.8	3
30	Novel Plant-Based Metabolites as Disinfectants against <i>Acanthamoeba castellanii</i> . <i>Antibiotics</i> , 2022, 11, 248.	3.7	7
31	Selenium-containing Peptides and their Biological Applications. <i>Current Medicinal Chemistry</i> , 2022, 29, 6379-6421.	2.4	5
32	Bis-1,3,4-Oxadiazole Derivatives as Novel and Potential Urease Inhibitors; Synthesis, In Vitro, and In Silico Studies. <i>Medicinal Chemistry</i> , 2022, 18, 820-830.	1.5	7
33	Primary Amoebic Meningoencephalitis: Potential Application of Ionic Liquids Against Brain-Eating Amoebae?. <i>Acta Parasitologica</i> , 2022, , 1.	1.1	0
34	Potential anti-acanthamoebic effects through inhibition of CYP51 by novel quinazolinones. <i>Acta Tropica</i> , 2022, 231, 106440.	2.0	8
35	Synthesis and Evaluation of Bis-Schiff Bases of Carbohydrazide as Antioxidant and Cytotoxic Agents. <i>Medicinal Chemistry</i> , 2022, 18, 667-678.	1.5	1
36	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

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37	Antiamoebic Properties of Metabolites against <i>Naegleria fowleri</i> and <i>Balamuthia mandrillaris</i> . <i>Antibiotics</i> , 2022, 11, 539.	3.7	3
38	Amine-Based Deep Eutectic Solvents for Alizarin Extraction from Aqueous Media. <i>Processes</i> , 2022, 10, 794.	2.8	3
39	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
40	Synthesis and evaluation of novel 1, 2, 4-substituted triazoles for urease and anti-proliferative activity.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022, 35, 209-217.	0.2	0
41	<i>Crocodylus porosus</i> Sera a Potential Source to Identify Novel Epigenetic Targets: In Silico Analysis. <i>Veterinary Sciences</i> , 2022, 9, 210.	1.7	0
42	Evaluation of synthetic 2-aryl quinoxaline derivatives as $\hat{\alpha}$ -amylase, $\hat{\alpha}$ -glucosidase, acetylcholinesterase, and butyrylcholinesterase inhibitors. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 653-668.	7.5	22
43	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
44	Sea cucumber as a therapeutic aquatic resource for human health. <i>Fisheries and Aquatic Sciences</i> , 2022, 25, 251-263.	0.8	4
45	Hesperidin-, Curcumin-, and Amphotericin B- Based Nano-Formulations as Potential Antibacterials. <i>Antibiotics</i> , 2022, 11, 696.	3.7	8
46	The increasing importance of the gut microbiome in <i>acne vulgaris</i> . <i>Folia Microbiologica</i> , 2022, 67, 825-835.	2.3	6
47	In vitro and in silico xanthine oxidase inhibitory activities of 3-aryl-2-thioxo-2,3-dihydroquinazolin-4(1H)-one derivatives. <i>Medicinal Chemistry</i> , 2022, 18, .	1.5	0
48	Epigenetic-Mediated Antimicrobial Resistance: Host versus Pathogen Epigenetic Alterations. <i>Antibiotics</i> , 2022, 11, 809.	3.7	6
49	Long-COVID, Metabolic and Endocrine Disease. <i>Hormone and Metabolic Research</i> , 2022, 54, 562-566.	1.5	12
50	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
51	Antiamoebic properties of salicylic acid-based deep eutectic solvents for the development of contact lens disinfecting solutions against <i>Acanthamoeba</i> . <i>Molecular and Biochemical Parasitology</i> , 2022, 250, 111493.	1.1	6
52	Enoxacin-based derivatives: antimicrobial and antibiofilm agent: a biology-oriented drug synthesis (BIODS) approach. <i>Future Medicinal Chemistry</i> , 2022, 14, 947-962.	2.3	1
53	Synthesis and Evaluation of Novel DNA Minor Groove Binders as Antiamoebic Agents. <i>Antibiotics</i> , 2022, 11, 935.	3.7	2
54	Synthesis and Evaluation of 6-ethoxy-2-mercaptobenzothiazole Scaffolds as Potential $\hat{\alpha}$ -glucosidase Inhibitors. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0

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55	Synthesis, β -glucuronidase inhibition and molecular docking studies of cyano-substituted bisindole hydrazone hybrids. <i>Molecular Diversity</i> , 2021, 25, 995-1009.	3.9	7
56	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
57	“Targeting the feast of a sleeping beast TM : Nutrient and mineral dependencies of encysted <i>Acanthamoeba castellanii</i> ”. <i>Chemical Biology and Drug Design</i> , 2021, 97, 18-27.	3.2	5
58	Gut microbiome and human health under the space environment. <i>Journal of Applied Microbiology</i> , 2021, 130, 14-24.	3.1	49
59	Gut bacteria of <i>Varanus salvator</i> possess potential antitumour molecules. <i>International Microbiology</i> , 2021, 24, 47-56.	2.4	5
60	The increasing importance of the novel Coronavirus. <i>Hospital Practice (1995)</i> , 2021, 49, 1-11.	1.0	8
61	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
62	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
63	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
64	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
65	Synthesis, in vitro, and in silico studies of newly functionalized quinazolinone analogs for the identification of potent α -glucosidase inhibitors. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2017-2034.	2.2	5
66	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
67	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
68	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
69	Brain-Eating Amoebae in the United Arab Emirates?. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1014-1015.	4.9	5
70	SARS-CoV-2 invasion of the central nervous: a brief review. <i>Hospital Practice (1995)</i> , 2021, 49, 157-163.	1.0	16
71	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
72	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

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73	Antibacterial activity of selected invertebrate species. <i>Folia Microbiologica</i> , 2021, 66, 285-291.	2.3	3
74	COVID-19: Does SARS-CoV-2 Modulate <i>Acanthamoeba</i> Epigenetics to Enhance Survival and Transmission in the Environment?. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1021-1023.	4.9	6
75	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
76	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
77	Development of anti-acanthamoebic approaches. <i>International Microbiology</i> , 2021, 24, 363-371.	2.4	3
78	Efficient measurement matrix for speech compressive sampling. <i>Multimedia Tools and Applications</i> , 2021, 80, 20327-20343.	3.9	6
79	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
80	Dual Targeting of Function-Structure for Effective Killing of Pathogenic Free-Living Amoebae. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 672-676.	2.8	0
81	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
82	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
83	Locust as an in Vivo Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1469-1471.	3.5	1
84	Gut Bacteria of <i>Rattus rattus</i> (Rat) Produce Broad-Spectrum Antibacterial Lipopeptides. <i>ACS Omega</i> , 2021, 6, 12261-12273.	3.5	14
85	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
86	Evaluation and docking of indole sulfonamide as a potent inhibitor of α -glucosidase enzyme in streptozotocin-induced diabetic albino wistar rats. <i>Bioorganic Chemistry</i> , 2021, 110, 104808.	4.1	20
87	Contemporary approaches to treat <i>Naegleria fowleri</i> : a patent overview. <i>Pharmaceutical Patent Analyst</i> , 2021, 10, 99-101.	1.1	4
88	Rapid Cesium Fluoride Catalyzed Synthesis of 5-Aryloxy-1-phenyl-1H tetrazoles via Nucleophilic Aromatic Substitution. <i>Letters in Organic Chemistry</i> , 2021, 18, 389-394.	0.5	0
89	<i>N</i> -Aryl-3,4-dihydroisoquinoline Carbothioamide Analogues as Potential Urease Inhibitors. <i>ACS Omega</i> , 2021, 6, 15794-15803.	3.5	9
90	War of the microbial world: <i>Acanthamoeba</i> spp. interactions with microorganisms. <i>Folia Microbiologica</i> , 2021, 66, 689-699.	2.3	18

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91	Cationic Surfactantâ€“Natural Clay Complex as a Novel Agent Against <i>Acanthamoeba castellanii</i> Belonging to the T4 Genotype. <i>Eye and Contact Lens</i> , 2021, 47, 592-597.	1.6	10
92	The increasing importance of <i>Vermamoeba</i> <i>vermiformis</i> . <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12857.	1.7	19
93	<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
94	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
95	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
96	Zinc oxide nanoparticles conjugated with clinically-approved medicines as potential antibacterial molecules. <i>AMB Express</i> , 2021, 11, 104.	3.0	45
97	Conjugation with Silver Nanoparticles Enhances Anti- <i>Acanthamoebic</i> Activity of <i>Kappaphycus alvarezii</i> . <i>Journal of Parasitology</i> , 2021, 107, 537-546.	0.7	4
98	Moxifloxacin and Sulfamethoxazole-Based Nanocarriers Exhibit Potent Antibacterial Activities. <i>Antibiotics</i> , 2021, 10, 964.	3.7	13
99	Substituted Benzimidazole Analogues as Potential α -Amylase Inhibitors and Radical Scavengers. <i>ACS Omega</i> , 2021, 6, 22726-22739.	3.5	14
100	Nanovehicles in the improved treatment of infections due to brain-eating amoebae. <i>International Microbiology</i> , 2021, , 1.	2.4	4
101	<i>Crocodylus porosus</i> Gut Bacteria: A Possible Source of Novel Metabolites. <i>Molecules</i> , 2021, 26, 4999.	3.8	11
102	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
103	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
104	Effect of Microgravity Environment on Gut Microbiome and Angiogenesis. <i>Life</i> , 2021, 11, 1008.	2.4	15
105	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
106	Synthesis, in vitro antiurease, in vivo antinematodal activity of quinoline analogs and their in-silico study. <i>Bioorganic Chemistry</i> , 2021, 115, 105199.	4.1	7
107	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
108	Synthesis of indole derivatives as diabetics II inhibitors and enzymatic kinetics study of α -glucosidase and α -amylase along with their in-silico study. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 301-318.	7.5	23

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109	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
110	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
111	<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
112	Synthesis of Chalcones as Potential α -Glucosidase Inhibitors, <i>In Vitro</i> and <i>In Silico</i> Studies. <i>ChemistrySelect</i> , 2021, 6, 9933-9940.	1.5	1
113	The Synthesis and Chemistry of Quinolinediones and their Carbocyclic Analogs. <i>Mini-Reviews in Organic Chemistry</i> , 2021, 18, .	1.3	0
114	Identification and structural investigation of potential novel drug candidates against lethal human pathogen. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 21-34.	0.2	0
115	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
116	Longevity, cellular senescence and the gut microbiome: lessons to be learned from crocodiles. <i>Heliyon</i> , 2021, 7, e08594.	3.2	10
117	Leptospirosis: Increasing importance in developing countries. <i>Acta Tropica</i> , 2020, 201, 105183.	2.0	68
118	Atenolol thiourea hybrid as potent urease inhibitors: Design, biology-oriented drug synthesis, inhibitory activity screening, and molecular docking studies. <i>Bioorganic Chemistry</i> , 2020, 94, 103359.	4.1	23
119	Synthesis, <i>in vitro</i> α -glucosidase inhibitory potential of benzimidazole bearing bis-Schiff bases and their molecular docking study. <i>Bioorganic Chemistry</i> , 2020, 94, 103394.	4.1	51
120	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
121	Synthesis of new indazole based dual inhibitors of α -glucosidase and α -amylase enzymes, their <i>in vitro</i> , <i>in silico</i> and kinetics studies. <i>Bioorganic Chemistry</i> , 2020, 94, 103195.	4.1	51
122	Synthesis, <i>in vitro</i> 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
123	Synthesis, α -glucosidase inhibitory potential and molecular docking study of benzimidazole derivatives. <i>Bioorganic Chemistry</i> , 2020, 95, 103555.	4.1	32
124	hBN Nanoparticle-Assisted Rapid Thermal Cycling for the Detection of <i>Acanthamoeba</i> . <i>Pathogens</i> , 2020, 9, 824.	2.8	6
125	Potent α -amylase inhibitors and radical (DPPH and ABTS) scavengers based on benzofuran-2-yl(phenyl)methanone derivatives: Syntheses, <i>in vitro</i> , kinetics, and <i>in silico</i> studies. <i>Bioorganic Chemistry</i> , 2020, 104, 104238.	4.1	23
126	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

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127	4-Oxycoumarinyl linked acetohydrazide Schiff bases as potent urease inhibitors. <i>Bioorganic Chemistry</i> , 2020, 105, 104365.	4.1	14
128	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
129	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
130	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
131	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
132	Homo sapiens versus SARS-CoV-2. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2391-2392.	3.5	0
133	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
134	Indole acrylonitriles as potential anti-hyperglycemic agents: Synthesis, α -glucosidase inhibitory activity and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115605.	3.0	41
135	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
136	Current treatment options of <i>Balamuthia mandrillaris</i> : a patent overview. <i>Pharmaceutical Patent Analyst</i> , 2020, 9, 121-123.	1.1	8
137	Irrigation System and COVID-19 Recurrence: A Potential Risk Factor in the Transmission of SARS-CoV-2. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2903-2905.	3.5	9
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