Sung-Yum Seo

List of Publications by Year
in descending order

126 papers	3,249 citations	218592 26 h-index	189801 50 g-index
127 all docs	127 docs citations	127 times ranked	3402 citing authors

#	Article	IF	Citations
1	Mushroom Tyrosinase:Â Recent Prospects. Journal of Agricultural and Food Chemistry, 2003, 51, 2837-2853.	2.4	703
2	Thinking, Walking, Talking: Integratory Motor and Cognitive Brain Function. Frontiers in Public Health, 2016, 4, 94.	1.3	209
3	Exploration of Novel Human Tyrosinase Inhibitors by Molecular Modeling, Docking and Simulation Studies. Interdisciplinary Sciences, Computational Life Sciences, 2018, 10, 68-80.	2.2	87
4	Synthesis, kinetic mechanism and docking studies of vanillin derivatives as inhibitors of mushroom tyrosinase. Bioorganic and Medicinal Chemistry, 2015, 23, 5870-5880.	1.4	85
5	Design, synthesis, kinetic mechanism and molecular docking studies of novel 1-pentanoyl-3-arylthioureas as inhibitors of mushroom tyrosinase and free radical scavengers. European Journal of Medicinal Chemistry, 2017, 141, 273-281.	2.6	75
6	A Brief Review on Fluorescent Copper Sensor Based on Conjugated Organic Dyes. Journal of Fluorescence, 2018, 28, 97-165.	1.3	65
7	Kinetic and in silico studies of novel hydroxy-based thymol analogues as inhibitors of mushroom tyrosinase. European Journal of Medicinal Chemistry, 2015, 98, 203-211.	2.6	61
8	Synthesis, molecular docking studies of coumarinyl-pyrazolinyl substituted thiazoles as non-competitive inhibitors of mushroom tyrosinase. Bioorganic Chemistry, 2017, 74, 187-196.	2.0	56
9	Carvacrol derivatives as mushroom tyrosinase inhibitors; synthesis, kinetics mechanism and molecular docking studies. PLoS ONE, 2017, 12, e0178069.	1.1	50
10	Molecular Docking and Dynamic Simulation of AZD3293 and Solanezumab Effects Against BACE1 to Treat Alzheimer's Disease. Frontiers in Computational Neuroscience, 2018, 12, 34.	1.2	46
11	Innovations in Genomics and Big Data Analytics for Personalized Medicine and Health Care: A Review. International Journal of Molecular Sciences, 2022, 23, 4645.	1.8	45
12	Development of highly potent melanogenesis inhibitor by in vitro, in vivo and computational studies. Drug Design, Development and Therapy, 2017, Volume 11, 2029-2046.	2.0	44
13	Stress Driven Discovery of Natural Products From Actinobacteria with Anti-Oxidant and Cytotoxic Activities Including Docking and ADMET Properties. International Journal of Molecular Sciences, 2021, 22, 11432.	1.8	44
14	Sulfonamide-Linked Ciprofloxacin, Sulfadiazine and Amantadine Derivatives as a Novel Class of Inhibitors of Jack Bean Urease; Synthesis, Kinetic Mechanism and Molecular Docking. Molecules, 2017, 22, 1352.	1.7	42
15	A Comprehensive In Silico Exploration of Pharmacological Properties, Bioactivities, Molecular Docking, and Anticancer Potential of Vieloplain F from Xylopia vielana Targeting B-Raf Kinase. Molecules, 2022, 27, 917.	1.7	40
16	Novel C-2 Symmetric Molecules as Î±-Glucosidase and Î±-Amylase Inhibitors: Design, Synthesis, Kinetic Evaluation, Molecular Docking and Pharmacokinetics. Molecules, 2019, 24, 1511.	1.7	39
17	Iminothiazolineâ€Sulfonamide Hybrids as Jack Bean Urease Inhibitors; Synthesis, Kinetic Mechanism and Computational Molecular Modeling. Chemical Biology and Drug Design, 2016, 87, 434-443.	1.5	38
18	Antihyperglycemic, antihyperlipidemic, and antioxidant effects of Chaenomeles sinensis fruit extract in streptozotocin-induced diabetic rats. European Food Research and Technology, 2010, 231, 415-421.	1.6	37

#	Article	IF	Citations
19	Design, synthesis and bioevaluation of novel umbelliferone analogues as potential mushroom tyrosinase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 874-883.	2.5	37
20	Hybrid Pharmacophoric Approach in the Design and Synthesis of Coumarin Linked Pyrazolinyl as Urease Inhibitors, Kinetic Mechanism and Molecular Docking. Chemistry and Biodiversity, 2017, 14, e1700035.	1.0	37
21	The exploration of novel Alzheimerâ€™s therapeutic agents from the pool of FDA approved medicines using drug repositioning, enzyme inhibition and kinetic mechanism approaches. Biomedicine and Pharmacotherapy, 2019, 109, 2513-2526.	2.5	37
22	Pharmacoinformatics exploration of polyphenol oxidases leading to novel inhibitors by virtual screening and molecular dynamic simulation study. Computational Biology and Chemistry, 2017, 68, 131-142.	1.1	36
23	Influence of plasma-activated compounds on melanogenesis and tyrosinase activity. Scientific Reports, 2016, 6, 21779.	1.6	35
24	Synthesis of sulfadiazinyl acyl/aryl thiourea derivatives as calf intestinal alkaline phosphatase inhibitors, pharmacokinetic properties, lead optimization, Lineweaver-Burk plot evaluation and binding analysis. Bioorganic and Medicinal Chemistry, 2018, 26, 3707-3715.	1.4	35
25	Long chain 1-acyl-3-arylthioureas as jack bean urease inhibitors, synthesis, kinetic mechanism and molecular docking studies. Journal of the Taiwan Institute of Chemical Engineers, 2017, 77, 54-63.	2.7	31
26	Jack Bean Urease Inhibitors, and Antioxidant Activity Based on Palmitic acid Derived 1-acyl-3-Arylthioureas: Synthesis, Kinetic Mechanism and Molecular Docking Studies. Drug Research, 2017, 67, 596-605.	0.7	30
27	Acetazolamide Inhibits the Level of Tyrosinase and Melanin: An Enzyme Kinetic, In Vitro, In Vivo, and In Silico Studies. Chemistry and Biodiversity, 2017, 14, e1700117.	1.0	27
28	Isolation, characterization, and in silico, in vitro and in vivo antiulcer studies of isoimperatorin crystallized from Ostericum koreanum. Pharmaceutical Biology, 2017, 55, 218-226.	1.3	26
29	Synthesis of chiral pyrazolo[4,3-e][1,2,4]triazine sulfonamides with tyrosinase and urease inhibitory activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 99-105.	2.5	26
30	Synthesis of novel N-(1,3-thiazol-2-yl)benzamide clubbed oxadiazole scaffolds: Urease inhibition, Lipinski rule and molecular docking analyses. Bioorganic Chemistry, 2019, 83, 63-75.	2.0	26
31	Genetic underpinnings in Alzheimerâ€™s disease â€“ a review. Reviews in the Neurosciences, 2017, 29, 21-38.	1.4	25
32	Synthesis, enzyme inhibitory kinetics, and computational studies of novel 1â€(2â€(4â€isobutylphenyl)) Tj ETQq0 0 0 rgBT /Overlock 10 434-447.	1.5	24
33	Facile synthesis of new quinazolinone benzamides as potent tyrosinase inhibitors: Comparative spectroscopic and molecular docking studies. Journal of Molecular Structure, 2019, 1198, 126915.	1.8	24
34	Synthesis and structure-activity relationship of tyrosinase inhibiting novel bi-heterocyclic acetamides: Mechanistic insights through enzyme inhibition, kinetics and computational studies. Bioorganic Chemistry, 2019, 86, 459-472.	2.0	24
35	Synthesis, antibacterial activity and molecular docking study of vanillin derived 1,4-disubstituted 1,2,3-triazoles as inhibitors of bacterial DNA synthesis. Heliyon, 2019, 5, e02812.	1.4	24
36	Pharmacoinformatics elucidation of potential drug targets against migraine to target ion channel protein KCNK18. Drug Design, Development and Therapy, 2014, 8, 571.	2.0	23

#	Article	IF	Citations
37	Acetylcholinesterase immobilization and characterization, and comparison of the activity of the porous silicon-immobilized enzyme with its free counterpart. Bioscience Reports, 2016, 36, .	1.1	23
38	Computational Exploration of Anti-Cancer Potential of GUAIANE Dimers from Xylopia vielana by Targeting B-Raf Kinase Using Chemo-Informatics, Molecular Docking, and MD Simulation Studies. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 731-746.	0.9	23
39	In Silico Analysis of Missense Mutations in LPAR6 Reveals Abnormal Phospholipid Signaling Pathway Leading to Hypotrichosis. PLoS ONE, 2014, 9, e104756.	1.1	22
40	Synthesis, computational studies, tyrosinase inhibitory kinetics and antimelanogenic activity of hydroxy substituted 2-[(4-acetylphenyl)amino]-2-oxoethyl derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1562-1572.	2.5	22
41	Drug-1,3,4-Thiadiazole Conjugates as Novel Mixed-Type Inhibitors of Acetylcholinesterase: Synthesis, Molecular Docking, Pharmacokinetics, and ADMET Evaluation. Molecules, 2019, 24, 860.	1.7	22
42	Anticancer activities of phenolic compounds from Moringa oleifera leaves: in vitro and in silico mechanistic study. Beni-Suef University Journal of Basic and Applied Sciences, 2021, 10, .	0.8	22
43	Novel 1,3â€oxazineâ€tetrazole hybrids as mushroom tyrosinase inhibitors and free radical scavengers: Synthesis, kinetic mechanism, and molecular docking studies. Chemical Biology and Drug Design, 2019, 93, 123-131.	1.5	21
44	Synthesis, molecular docking and kinetic studies of novel quinolinyl based acyl thioureas as mushroom tyrosinase inhibitors and free radical scavengers. Bioorganic Chemistry, 2019, 90, 103063.	2.0	21
45	An expedient synthesis of Nâ€(1â€(5â€mercaptoâ€4â€(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 432 Td (b free radical scavengers: Kinetic mechanism and molecular docking studies. Chemical Biology and Drug Design, 2017, 90, 764-777.	1.5	20
46	Microwave-Assisted Synthesis, In Vivo Anti-Inflammatory and In Vitro Anti-Oxidant Activities, and Molecular Docking Study of New Substituted Schiff Base Derivatives. Pharmaceutical Chemistry Journal, 2018, 52, 424-437.	0.3	19
47	One-pot four-component synthesis of thiazolidin-2-imines using CuI/ZnII dual catalysis: A new class of acetylcholinesterase inhibitors. Bioorganic Chemistry, 2019, 84, 518-528.	2.0	19
48	2,4,6-Trihydroxybenzaldehyde as a potent antidiabetic agent alleviates postprandial hyperglycemia in normal and diabetic rats. Medicinal Chemistry Research, 2011, 20, 1181-1187.	1.1	18
49	Flurbiprofen–antioxidant mutual prodrugs as safer nonsteroidal anti-inflammatory drugs: synthesis, pharmacological investigation, and computational molecular modeling. Drug Design, Development and Therapy, 2016, Volume 10, 2401-2419.	2.0	18
50	Synthesis, structural elucidation and bioevaluation of 4-amino-1,2,4-triazole-3-thioneâ€™s Schiff base derivatives. Archives of Pharmacal Research, 2016, 39, 161-171.	2.7	18
51	Exploration of synthetic multifunctional amides as new therapeutic agents for Alzheimer's disease through enzyme inhibition, chemoinformatic properties, molecular docking and dynamic simulation insights. Journal of Theoretical Biology, 2018, 458, 169-183.	0.8	18
52	potent tyrosinase inhibitors: Mechanistic approach through chemoinformatics and molecular docking studies. Bioorganic Chemistry, 2019, 92, 103201.	2.0	18
53	Synthesis and structure-activity relationship of elastase inhibiting novel ethylated thiazole-triazole acetamide hybrids: Mechanistic insights through kinetics and computational contemplations. Bioorganic Chemistry, 2019, 86, 197-209.	2.0	18
54	Symmetrical Heterocyclic Cage Skeleton: Synthesis, Urease Inhibition Activity, Kinetic Mechanistic Insight, and Molecular Docking Analyses. Molecules, 2019, 24, 312.	1.7	18

#	Article	IF	Citations
55	Novel 1,2,4-triazole analogues as mushroom tyrosinase inhibitors: synthesis, kinetic mechanism, cytotoxicity and computational studies. Molecular Diversity, 2021, 25, 2089-2106.	2.1	18
56	Diaryl azo derivatives as anti-diabetic and antimicrobial agents: synthesis, in vitro, kinetic and docking studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1508-1519.	2.5	18
57	Synthesis and Molecular Docking Studies of (E)-4-(Substituted-benzylideneamino)-2H-Chromen-2-one Derivatives: Entry to New Carbonic Anhydrase Class Of Inhibitors. Drug Research, 2018, 68, 378-386.	0.7	17
58	Synthesis, in vitro and in silico studies of novel potent urease inhibitors: N -[4-({5-[(3-Un/substituted-anilino-3-oxopropyl)sulfanyl]-1,3,4-oxadiazol-2-yl}methyl)-1,3-thiazol-2-yl]benzamides. Bioorganic and Medicinal Chemistry, 2018, 26, 3791-3804.	1.4	17
59	Investigation on the effect of alkyl chain linked mono-thioureas as Jack bean urease inhibitors, SAR, pharmacokinetics ADMET parameters and molecular docking studies. Bioorganic Chemistry, 2019, 86, 473-481.	2.0	17
60	Synthesis, inhibition studies against AChE and BChE, drug-like profiling, kinetic analysis and molecular docking studies of N-(4-phenyl-3-aroyl-2(3H)-ylidene) substituted acetamides. Journal of Molecular Structure, 2020, 1203, 127459.	1.8	17
61	Dexibuprofen amide derivatives as potential anticancer agents: synthesis, in silico docking, bioevaluation, and molecular dynamic simulation . Drug Design, Development and Therapy, 2019, Volume 13, 1643-1657.	2.0	16
62	InÂvitro , inÂvivo and in silico anti-hyperglycemic inhibition by sinigrin. Asian Pacific Journal of Tropical Medicine, 2017, 10, 372-379.	0.4	15
63	Mechanisms of disordered neurodegenerative function: concepts and facts about the different roles of the protein kinase RNA-like endoplasmic reticulum kinase (PERK). Reviews in the Neurosciences, 2018, 29, 387-415.	1.4	15
64	Design, Synthesis, Photophysical Properties, Biological Estimation and Molecular Docking Studies of Novel Schiff Base Derivatives as Potential Urease Inhibitors. Journal of Fluorescence, 2018, 28, 1295-1304.	1.3	15
65	Novel indole based hybrid oxadiazole scaffolds with N-(substituted-phenyl)butanamides: synthesis, lineweaverâ€“burk plot evaluation and binding analysis of potent urease inhibitors. RSC Advances, 2018, 8, 25920-25931.	1.7	15
66	Computational modeling and biomarker studies of pharmacological treatment of Alzheimer's disease (Review). Molecular Medicine Reports, 2018, 18, 639-655.	1.1	15
67	Synthesis, molecular docking, dynamic simulations, kinetic mechanism, cytotoxicity evaluation of		

#	Article	IF	Citations
73	Densely substituted piperidines as a new class of elastase inhibitors: Synthesis and molecular modeling studies. Archiv Der Pharmazie, 2019, 352, e1900061.	2.1	11
74	Substituted phenyl[(5-benzyl-1,3,4-oxadiazol-2-yl)sulfanyl]acetates/acetamides as alkaline phosphatase inhibitors: Synthesis, computational studies, enzyme inhibitory kinetics and DNA binding studies. Bioorganic Chemistry, 2019, 90, 103108.	2.0	11
75	Synthesis and biological evaluation of 1,2,4-triazolidine-3-thiones as potent acetylcholinesterase inhibitors: in vitro and in silico analysis through kinetics, chemoinformatics and computational approaches. Molecular Diversity, 2020, 24, 1185-1203.	2.1	11
76	Synthesis, computational studies and enzyme inhibitory kinetics of benzothiazole-linked thioureas as mushroom tyrosinase inhibitors. Journal of Biomolecular Structure and Dynamics, 2021, 39, 7035-7043.	2.0	11
77	Design, synthesis and computational studies of N-(substituted-phenyl)-4-(4-phenyl-1-piperazinyl)butanamides as potent anti-melanogenic and tyrosinase inhibitors. Journal of Molecular Structure, 2020, 1210, 127969.	1.8	11
78	Exploring Amantadine Derivatives as Urease Inhibitors: Molecular Docking and Structureâ€“Activity Relationship (SAR) Studies. Molecules, 2021, 26, 7150.	1.7	11
79	Biological and Cheminformatics Studies of Newly Designed Triazole Based Derivatives as Potent Inhibitors against Mushroom Tyrosinase. Molecules, 2022, 27, 1731.	1.7	11
80	Synthesis, Bioevaluation and Molecular Dynamic Simulation Studies of Dexibuprofenâ€“Antioxidant Mutual Prodrugs. International Journal of Molecular Sciences, 2016, 17, 2151.	1.8	10
81	Synthesis, carbonic anhydrase inhibitory activity and antioxidant activity of some 1,3â€oxazine derivatives. Drug Development Research, 2018, 79, 352-361.	1.4	10
82	Applying Big Data Methods to Understanding Human Behavior and Health. Frontiers in Computational Neuroscience, 2018, 12, 84.	1.2	10
83	Inhibitory Potential of Phytochemicals on Interleukin-6-Mediated T-Cell Reduction in COVID-19 Patients: A Computational Approach. Bioinformatics and Biology Insights, 2021, 15, 117793222110214.	1.0	10
84	Exploring the mechanistic insights of Cas scaffolding protein family member 4 with protein tyrosine kinase 2 in Alzheimerâ€™s disease by evaluating protein interactions through molecular docking and dynamic simulations. Neurological Sciences, 2018, 39, 1361-1374.	0.9	9
85	Extending the scope of amantadine drug by incorporation of phenolic azo Schiff bases as potent selective inhibitors of carbonic anhydrase <scp>II</scp>, drugâ€likeness and binding analysis. Chemical Biology and Drug Design, 2018, 92, 1692-1698.	1.5	9
86	Synthesis of novel xanthene based analogues: Their optical properties, jack bean urease inhibition and molecular modelling studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 241, 118667.	2.0	9
87	Synthesis, enzyme inhibitory kinetics mechanism and computational study ofN-(4-methoxyphenethyl)-N-(substituted)-4-methylbenzenesulfonamides as novel therapeutic agents for Alzheimerâ€™s disease. PeerJ, 2018, 6, e4962.	0.9	9
88	potential alkaline phosphatase inhibitors. Drug Development Research, 2019, 80, 646-654.	1.4	8
89	1-(2-Hydroxy-5-((trimethylsilyl)ethynyl)phenyl)ethanone based Î±,Î²-unsaturated derivatives an alternate to non-sulfonamide carbonic anhydrase II inhibitors, synthesis via Sonogashira coupling, binding analysis, Lipinskâ€™s rule validation. Bioorganic Chemistry, 2019, 84, 170-176.	2.0	8
90	Computational analysis of histidine mutations on the structural stability of human tyrosinases leading to albinism insurgence. Molecular BioSystems, 2017, 13, 1534-1544.	2.9	8

#	Article	IF	Citations
91	Regulatory Cascade of Neuronal Loss and Glucose Metabolism. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1232-1245.	0.8	8
92	Enzyme Inhibitory Kinetics and Molecular Docking Studies of Halo-Substituted Mixed Ester/Amide-Based Derivatives as Jack Bean Urease Inhibitors. BioMed Research International, 2020, 2020, 1-11.	0.9	8
93	Green Synthesis of Silver Nanoparticles using Extract and their Tyrosinase Activity. Iranian Journal of Pharmaceutical Research, 2017, 16, 763-770.	0.3	8
94	Computational investigation of mechanistic insights of AÎ²42 interactions against extracellular domain of nAChRÎ±7 in Alzheimerâ€™s disease. International Journal of Neuroscience, 2019, 129, 666-680.	0.8	7
95	Biâ€heterocyclic benzamides as alkaline phosphatase inhibitors: Mechanistic comprehensions through kinetics and computational approaches. Archiv Der Pharmazie, 2019, 352, e1800278.	2.1	7
96	Sulfonamide-Based Azaheterocyclic Schiff Base Derivatives as Potential Carbonic Anhydrase Inhibitors: Synthesis, Cytotoxicity, and Enzyme Inhibitory Kinetics. BioMed Research International, 2020, 2020, 1-9.	0.9	7
97	Exploration of Potential Ewing Sarcoma Drugs from FDA-Approved Pharmaceuticals through Computational Drug Repositioning, Pharmacogenomics, Molecular Docking, and MD Simulation Studies. ACS Omega, 2022, 7, 19243-19260.	1.6	7
98	Synthesis of 4-aryl-2,6-dimethyl-3,5-bis-N-(aryl)-carbamoyl-1,4-dihydropyridines as novel skin protecting and anti-aging agents. Bangladesh Journal of Pharmacology, 2017, 12, 210-215.	0.1	6
99	Synthesis and Studies of Fluorescein Based Derivatives for their Optical Properties, Urease Inhibition and Molecular Docking. Journal of Fluorescence, 2018, 28, 1305-1315.	1.3	6
100	2-Furoic piperazide derivatives as promising drug candidates of type 2 diabetes and Alzheimerâ€™s diseases: In vitro and in silico studies. Computational Biology and Chemistry, 2018, 77, 72-86.	1.1	6
101	Convergent synthesis, <scp>free radical</scp> scavenging, <scp>Lineweaverâ€Burk</scp> plot exploration, hemolysis and in silico study of novel <scp>indoleâ€phenyltriazole</scp> hybrid bearing acetamides as potent urease inhibitors. Journal of Heterocyclic Chemistry, 2020, 57, 2955-2968.	1.4	6
102	A novel nonsense mutation in NPR2 gene causing Acromesomelic dysplasia, type Maroteaux in a consanguineous family in Southern Punjab (Pakistan). Genes and Genomics, 2020, 42, 847-854.	0.5	6
103	Mechanistic insights into TNFR1/MADD death domains in Alzheimerâ€™s disease through conformational molecular dynamic analysis. Scientific Reports, 2021, 11, 12256.	1.6	6
104	Synthesis and crystal structures of the potential tyrosinase inhibitorsN-(4-acetylphenyl)-2-chloroacetamide and 2-(4-acetylanilino)-2-oxoethyl cinnamate. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 94-98.	0.2	5
105	Synthesis, Antioxidant and In-Silico Studies of Potent Urease Inhibitors: N-(4-{[(4-Methoxyphenethyl)-(substituted)amino]sulfonyl}phenyl)acetamides. Drug Research, 2019, 69, 111-120.	0.7	5
106	Understanding the enzymatic inhibition of intestinal alkaline phosphatase by aminophenazone-derived aryl thioureas with aided computational molecular dynamics simulations: synthesis, characterization, SAR and kinetic profiling. Molecular Diversity, 2021, 25, 1701-1715.	2.1	5
107	4-Aminocoumarin based Aroylthioureas as Potential Jack Bean Urease Inhibitors; Synthesis, Enzyme Inhibitory Kinetics and Docking Studies. Medicinal Chemistry, 2020, 16, 229-243.	0.7	5
108	Metal-Based Scaffolds of Schiff Bases Derived from Naproxen: Synthesis, Antibacterial Activities, and Molecular Docking Studies. Molecules, 2019, 24, 1237.	1.7	4

#	Article	IF	Citations
109	Structure-activity relationship and in silico study of unique bi-heterocycles: 5-[(2-amino-1,3-thiazol-4-yl)methyl]-1,3,4-oxadiazole-2-thiol derivatives. Journal of the Serbian Chemical Society, 2019, 84, 649-661.	0.4	4
110	Mechanistic insight of DACH1 receptor in the development of carcinoma insurgence through MD simulation studies. Journal of Biomolecular Structure and Dynamics, 2020, , 1-10.	2.0	3
111	Future-Oriented Repetitive Thought: Pessimistic View of Future in Patients With Alzheimer Disease. Journal of Geriatric Psychiatry and Neurology, 2021, 34, 216-221.	1.2	3
112	Preparation, structure determination, and in silico and in vitro Elastase inhibitory properties of substituted N-([1,1â€²-Biphenyl]-2-ylcarbamothioyl)- Aryl/Alkyl benzamide Derivatives. Journal of Molecular Structure, 2021, 1245, 130993.	1.8	3
113	Facile Synthesis, Crystal Structure, DFT Calculation and Biological Activities of 4-(2-fluorophenyl)-3-(3-methoxybenzyl)-1H-1,2,4-triazol-5 (4H)-one (5). Medicinal Chemistry, 2018, 14, 451-459.	0.7	3
114	Prediction of Site Directed miRNAs as Key Players of Transcriptional Regulators Against Influenza C Virus Infection Through Computational Approaches. Frontiers in Molecular Biosciences, 2022, 9, 866072.	1.6	3
115	A novel homozygous missense variant in MATN3 causes spondylo-epimetaphyseal dysplasia Matrilin 3 type in a consanguineous family. European Journal of Medical Genetics, 2020, 63, 103958.	0.7	2
116	Novel Bi-heterocycles as Potent Inhibitors of Urease and Less Cytotoxic Agents: 3-({5-((2-Amino-1,3-thiazol-4-yl)methyl)-1,3,4-oxadiazol-2-yl}sulfanyl)--(un/substituted-phenyl)propanamides. Iranian Journal of Pharmaceutical Research, 2020, 19, 487-506.	0.3	2
117	Multi-step synthesis of indole-N-ethyltriazole hybrids amalgamated with N-arylated ethanamides: structure-activity relationship and mechanistic explorations through tyrosinase inhibition, kinetics and computational ascriptions. Journal of Molecular Structure, 2022, 1261, 132953.	1.8	2
118	Crystal structure of 5-hydroxymethyl-2-methoxyphenol. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o540-o541.	0.2	1
119	Crystal structure of 2-(4-acetylanilino)-2-oxoethyl 3-(4-hydroxyphenyl)propionate. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 933-936.	0.2	1
120	Synthesis and exploration of a novel chlorobenzylated 2-aminothiazole-phenyltriazole hybrid as migratory inhibitor of B16F10 in melanoma cells. Toxicology Reports, 2019, 6, 897-903.	1.6	1
121	Identification of novel C-2 symmetric Bis-Azo-Azamethine molecules as competitive inhibitors of mushroom tyrosinase and free radical scavengers: synthesis, kinetics, and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 4419-4428.	2.0	1
122	Novel Nâ€(benzo[d]oxazolâ€2â€yl)alkanamides; synthesis and carbonic anhydrase <scp>II</scp> inhibition studies. Journal of Heterocyclic Chemistry, 2020, 57, 2831-2843.	1.4	1
123	Benzimidazole tethered thioureas as a new entry to elastase inhibition and free radical scavenging: Synthesis, molecular docking, and enzyme inhibitory kinetics. Journal of Heterocyclic Chemistry, 2021, 58, 1929.	1.4	1
124	A Practical Method of N â€Methylpyrrole Disulfonamides Synthesis: Computational Studies, Carbonic Anhydrase Inhibition and Electrochemical DNA Binding Investigations. ChemistrySelect, 2021, 6, 7376-7383.	0.7	1
125	Acetylcholinesterase inhibition activity of some quinolinyl substituted triazolothiadiazole derivatives. Russian Journal of Bioorganic Chemistry, 2015, 41, 170-177.	0.3	0
126	Exploration of Protein Aggregations in Parkinsonâ€™s Disease Through Computational Approaches and Big Data Analytics. Methods in Molecular Biology, 2022, 2340, 449-467.	0.4	0