Hoon Kim

List of Publications by Citations

135 papers	2,484 citations	29 h-index	42 g-index
142 ext. papers	3,068 ext. citations	3.8 avg, IF	5.52 L-index

#	Paper	IF	Citations
135	Inhibition of monoamine oxidase A by beta-carboline derivatives. *Archives of Biochemistry and Biophysics*, **1997**, 337, 137-42	4.1	211
134	Emerging therapeutic potentials of dual-acting MAO and AChE inhibitors in Alzheimer's and Parkinson's diseases. *Archiv Der Pharmazie*, **2019**, 352, e1900177	4.3	70
133	Advancements in nanotherapeutics for Alzheimer's disease: current perspectives. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 1370-1383	4.8	69
132	Magnetic nanoparticles for hyperthermia in cancer treatment: an emerging tool. *Environmental Science and Pollution Research*, **2020**, 27, 19214-19225	5.1	68
131	Cholinesterase Inhibitors for Alzheimer's Disease: Multitargeting Strategy Based on Anti-Alzheimer's Drugs Repositioning. *Current Pharmaceutical Design*, **2019**, 25, 3519-3535	3.3	67
130	Exploration of chlorinated thienyl chalcones: A new class of monoamine oxidase-B inhibitors. *International Journal of Biological Macromolecules*, **2016**, 91, 680-95	7.9	60
129	Development of fluorinated methoxylated chalcones as selective monoamine oxidase-B inhibitors: Synthesis, biochemistry and molecular docking studies. *Bioorganic Chemistry*, **2015**, 62, 22-9	5.1	59
128	Potent selective monoamine oxidase B inhibition by maackiain, a pterocarpan from the roots of Sophora flavescens. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 4714-4719	2.9	59
127	Identification of Indole-Based Chalcones: Discovery of a Potent, Selective, and Reversible Class of MAO-B Inhibitors. *Archiv Der Pharmazie*, **2016**, 349, 627-37	4.3	54
126	Monoamine Oxidase Inhibitory Action of Chalcones: A Mini Review. *Central Nervous System Agents in Medicinal Chemistry*, **2016**, 16, 120-36	1.8	51
125	Molecular cloning and characterization of a novel family VIII alkaline esterase from a compost metagenomic library. *Biochemical and Biophysical Research Communications*, **2010**, 393, 45-9	3.4	50
124	Synthesis, Biochemistry, and Computational Studies of Brominated Thienyl Chalcones: A New Class of Reversible MAO-B Inhibitors. *ChemMedChem*, **2016**, 11, 1161-71	3.7	49
123	Monoamine Oxidase Inhibitory Activity: Methyl- versus Chlorochalcone Derivatives. *ChemMedChem*, **2016**, 11, 2649-2655	3.7	43
122	Monoamine oxidase inhibitory activity of methoxy-substituted chalcones. *International Journal of Biological Macromolecules*, **2017**, 104, 1321-1329	7.9	41
121	Influence of the transposition of the thermostabilizing domain of Clostridium thermocellum xylanase (XynX) on xylan binding and thermostabilization. *Applied and Environmental Microbiology*, **2002**, 68, 3496-501	4.8	41
120	Selective inhibition of monoamine oxidase A by hispidol. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 584-588	2.9	40
119	Heteroaryl chalcones: Mini review about their therapeutic voyage. *Biomedicine and Preventive Nutrition*, **2014**, 4, 451-458		38

118	Pharmacophore-Based 3D-QSAR Analysis of Thienyl Chalcones as a New Class of Human MAO-B Inhibitors: Investigation of Combined Quantum Chemical and Molecular Dynamics Approach. *Journal of Physical Chemistry B*, **2017**, 121, 1186-1203	3.4	37
117	Development of Fluorinated Thienylchalcones as Monoamine Oxidase-B Inhibitors: Design, Synthesis, Biological Evaluation and Molecular Docking Studies. *Letters in Organic Chemistry*, **2015**, 12, 605-613	0.6	36
116	Potent and highly selective dual-targeting monoamine oxidase-B inhibitors: Fluorinated chalcones of morpholine versus imidazole. *Archiv Der Pharmazie*, **2019**, 352, e1800309	4.3	34
115	Potent and Selective Monoamine Oxidase-B Inhibitory Activity: Fluoro- vs. Trifluoromethyl-4-hydroxylated Chalcone Derivatives. *Chemistry and Biodiversity*, **2016**, 13, 1046-52	2.5	34
114	Characterization of xyn10J, a novel family 10 xylanase from a compost metagenomic library. *Applied Biochemistry and Biotechnology*, **2012**, 166, 1328-39	3.2	33
113	Discovery of potent and reversible MAO-B inhibitors as furanochalcones. *International Journal of Biological Macromolecules*, **2018**, 108, 660-664	7.9	32
112	Cloning of two cellulase genes from endophytic Paenibacillus polymyxa GS01 and comparison with cel 44C-man 26A. *Journal of Basic Microbiology*, **2008**, 48, 464-72	2.7	31
111	Design, synthesis and biological evaluation of oxygenated chalcones as potent and selective MAO-B inhibitors. *Bioorganic Chemistry*, **2019**, 93, 103335	5.1	29
110	TV 3326 for Alzheimer's dementia: a novel multimodal ChE and MAO inhibitors to mitigate Alzheimer's-like neuropathology. *Journal of Pharmacy and Pharmacology*, **2020**, 72, 1001-1012	4.8	29
109	Potent inhibitions of monoamine oxidase A and B by acacetin and its 7-O-(6-O-malonylglucoside) derivative from Agastache rugosa. *International Journal of Biological Macromolecules*, **2017**, 104, 547-553	7.9	29
108	Rhamnocitrin isolated from Prunus padus var. seoulensis: A potent and selective reversible inhibitor of human monoamine oxidase A. *Bioorganic Chemistry*, **2019**, 83, 317-325	5.1	29
107	Selected aryl thiosemicarbazones as a new class of multi-targeted monoamine oxidase inhibitors. *MedChemComm*, **2018**, 9, 1871-1881	5	29
106	Pyrazoline: a promising scaffold for the inhibition of monoamine oxidase. *Central Nervous System Agents in Medicinal Chemistry*, **2013**, 13, 195-206	1.8	28
105	Characterization of a Novel Alkaline Family VIII Esterase with S-Enantiomer Preference from a Compost Metagenomic Library. *Journal of Microbiology and Biotechnology*, **2016**, 26, 315-25	3.3	28
104	Potent inhibition of monoamine oxidase A by decursin from Angelica gigas Nakai and by wogonin from Scutellaria baicalensis Georgi. *International Journal of Biological Macromolecules*, **2017**, 97, 598-605	7.9	27
103	Potent inhibition of acetylcholinesterase by sargachromanol I from Sargassum siliquastrum and by selected natural compounds. *Bioorganic Chemistry*, **2019**, 89, 103043	5.1	27
102	Chalcones: Unearthing their therapeutic possibility as monoamine oxidase B inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 205, 112650	6.8	27
101	Imidazole bearing chalcones as a new class of monoamine oxidase inhibitors. *Biomedicine and Pharmacotherapy*, **2018**, 106, 8-13	7.5	26

100	Plant secondary metabolites- potent inhibitors of monoamine oxidase isoforms. *Central Nervous System Agents in Medicinal Chemistry*, **2014**, 14, 28-33	1.8	26
99	Anti-oxidant behavior of functionalized chalcone-a combined quantum chemical and crystallographic structural investigation. *Journal of Molecular Structure*, **2017**, 1146, 301-308	3.4	24
98	Characterization of Novel Family IV Esterase and Family I.3 Lipase from an Oil-Polluted Mud Flat Metagenome. *Molecular Biotechnology*, **2015**, 57, 781-92	3	24
97	Monoamine Oxidase Inhibitors: Perspective Design for the Treatment of Depression and Neurological Disorders. *Current Enzyme Inhibition*, **2016**, 12, 115-122	0.5	24
96	Activity enhancement of Cel5Z from Pectobacterium chrysanthemi PY35 by removing C-terminal region. *Biochemical and Biophysical Research Communications*, **2002**, 291, 425-30	3.4	23
95	Ethyl Acetohydroxamate Incorporated Chalcones: Unveiling a Novel Class of Chalcones for Multitarget Monoamine Oxidase-B Inhibitors Against Alzheimer's Disease. *CNS and Neurological Disorders - Drug Targets*, **2019**, 18, 643-654	2.6	23
94	Unraveling the Structural Requirements of Chalcone Chemistry Towards Monoamine Oxidase Inhibition. *Central Nervous System Agents in Medicinal Chemistry*, **2019**, 19, 6-7	1.8	21
93	Characterization of Thienylchalcones as hMAO-B Inhibitors: Synthesis, Biochemistry and Molecular Dynamics Studies. *ChemistrySelect*, **2017**, 2, 11113-11119	1.8	21
92	Novel Class of Chalcone Oxime Ethers as Potent Monoamine Oxidase-B and Acetylcholinesterase Inhibitors. *Molecules*, **2020**, 25,	4.8	21
91	Potent Inhibition of Monoamine Oxidase B by a Piloquinone from Marine-Derived sp. CNQ-027. *Journal of Microbiology and Biotechnology*, **2017**, 27, 785-790	3.3	21
90	Selective inhibition of monoamine oxidase A by chelerythrine, an isoquinoline alkaloid. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 2403-2407	2.9	20
89	Structural Exploration of Synthetic Chromones as Selective MAO-B Inhibitors: A Mini Review. *Combinatorial Chemistry and High Throughput Screening*, **2017**, 20, 522-532	1.3	20
88	New Aspects of Monoamine Oxidase B Inhibitors: The Key Role of Halogens to Open the Golden Door. *Current Medicinal Chemistry*, **2021**, 28, 266-283	4.3	19
87	Perspective Design of Chalcones for the Management of CNS Disorders: A Mini-Review. *CNS and Neurological Disorders - Drug Targets*, **2019**, 18, 432-445	2.6	18
86	Selective inhibition of monoamine oxidase A by purpurin, an anthraquinone. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 1136-1140	2.9	17
85	Calycosin and 8-O-methylretusin isolated from Maackia amurensis as potent and selective reversible inhibitors of human monoamine oxidase-B. *International Journal of Biological Macromolecules*, **2020**, 151, 441-448	7.9	16
84	Cloning and characterization of a novel intracellular serine protease (IspK) from Bacillus megaterium with a potential additive for detergents. *International Journal of Biological Macromolecules*, **2018**, 108, 808-816	7.9	16
83	Characterization of a GH family 8 β-1,3-1,4-glucanase with distinctive broad substrate specificity from Paenibacillus sp. X4. *Biotechnology Letters*, **2015**, 37, 643-55	3	15

82	Ethoxylated Head of Chalcones as a New Class of Multi-Targeted MAO Inhibitors. *ChemistrySelect*, **2019**, 4, 6614-6619	1.8	14
81	Acetylcholinesterase and butyrylcholinesterase inhibitory activities of khellactone coumarin derivatives isolated from Peucedanum japonicum Thurnberg. *Scientific Reports*, **2020**, 10, 21695	4.9	14
80	Potent and selective inhibition of human monoamine oxidase-B by 4-dimethylaminochalcone and selected chalcone derivatives. *International Journal of Biological Macromolecules*, **2019**, 137, 426-432	7.9	14
79	Changes in the activity of the multifunctional beta-glycosyl hydrolase (Cel44C-Man26A) from Paenibacillus polymyxa by removal of the C-terminal region to minimum size. *Biotechnology Letters*, **2008**, 30, 1061-8	3	14
78	Endo-β1,4-glucanase encoded by Bacillus subtilis gene cloned in Bacillus megaterium. *Enzyme and Microbial Technology*, **1988**, 10, 347-351	3.8	14
77	Inhibition of monoamine oxidase A and B by demethoxycurcumin and bisdemethoxycurcumin. *Journal of Applied Biological Chemistry*, **2018**, 61, 187-190	0.7	14
76	Osthenol, a prenylated coumarin, as a monoamine oxidase A inhibitor with high selectivity. *Bioorganic and Medicinal Chemistry Letters*, **2019**, 29, 839-843	2.9	13
75	Refining the Structural Features of Chromones as Selective MAO-B Inhibitors: Exploration of Combined Pharmacophore-Based 3D-QSAR and Quantum Chemical Studies. *ChemistrySelect*, **2017**, 2, 11645-11652	1.8	13
74	Functional analysis of a hybrid endoglucanase of bacterial origin having a cellulose binding domain from a fungal exoglucanase. *Applied Biochemistry and Biotechnology*, **1998**, 75, 193-204	3.2	13
73	Inhibition of Monoamine Oxidase by Anithiactins from Streptomyces sp. *Journal of Microbiology and Biotechnology*, **2015**, 25, 1425-8	3.3	13
72	Pseudomonas taeanensis sp. nov., isolated from a crude oil-contaminated seashore. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 2719-2723	2.2	13
71	Selective Inhibition of Human Monoamine Oxidase B by 5-hydroxy-2-methyl-chroman-4-one Isolated from an Endogenous Lichen Fungus. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7,	5.6	12
70	Antimicrobial Activity of Divaricatic Acid Isolated from the Lichen against Methicillin-Resistant. *Molecules*, **2018**, 23,	4.8	12
69	Characterization of two extracellular β-glucosidases produced from the cellulolytic fungus Aspergillus sp. YDJ216 and their potential applications for the hydrolysis of flavone glycosides. *International Journal of Biological Macromolecules*, **2018**, 111, 595-603	7.9	11
68	Characterization of truncated endo-β1,4-glucanases from a compost metagenomic library and their saccharification potentials. *International Journal of Biological Macromolecules*, **2018**, 115, 554-562	7.9	11
67	Construction of minimum size cellulase (Cel5Z) from Pectobacterium chrysanthemi PY35 by removal of the C-terminal region. *Applied Microbiology and Biotechnology*, **2005**, 68, 46-52	5.7	11
66	Potent Selective Inhibition of Monoamine Oxidase A by Alternariol Monomethyl Ether Isolated from. *Journal of Microbiology and Biotechnology*, **2017**, 27, 316-320	3.3	11
65	Inhibition of Butyrylcholinesterase and Human Monoamine Oxidase-B by the Coumarin Glycyrol and Liquiritigenin Isolated from. *Molecules*, **2020**, 25,	4.8	11

64	Improvement of enzyme activity of β-1,3-1,4-glucanase from Paenibacillus sp. X4 by error-prone PCR and structural insights of mutated residues. *Applied Microbiology and Biotechnology*, **2017**, 101, 4073-4083	5.7	10
63	Design of enamides as new selective monoamine oxidase-B inhibitors. *Journal of Pharmacy and Pharmacology*, **2020**, 72, 916-926	4.8	10
62	Structural features of Safinamide: A combined Hirshfeld surface analysis & quantum chemical treatment. *Chemical Data Collections*, **2018**, 17-18, 404-414	2.1	10
61	Privileged Pharmacophore of FDA Approved Drugs in Combination with Chalcone Framework: A New Hope for Alzheimer's Treatment. *Combinatorial Chemistry and High Throughput Screening*, **2020**, 23, 842-846	1.3	9
60	Piperazine-substituted chalcones: a new class of MAO-B, AChE, and BACE-1 inhibitors for the treatment of neurological disorders. *Environmental Science and Pollution Research*, **2021**, 28, 38855-38866	5.1	9
59	Morpholine-based chalcones as dual-acting monoamine oxidase-B and acetylcholinesterase inhibitors: synthesis and biochemical investigations. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2021**, 36, 188-197	5.6	9
58	Synthesis and biological evaluation of new 3(2)-pyridazinone derivatives as non-toxic anti-proliferative compounds against human colon carcinoma HCT116 cells. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 1100-1109	5.6	8
57	Cloning and expression of a Clostridium thermocellum xylanase gene in Escherichia coli. *IUBMB Life*, **1998**, 44, 283-92	4.7	8
56	Characterization of a Multimodular Endo-β-1,4-Glucanase (Cel9K) from sp. X4 with a Potential Additive for Saccharification. *Journal of Microbiology and Biotechnology*, **2018**, 28, 588-596	3.3	8
55	Exploring the Therapeutic Potentials of Highly Selective Oxygenated Chalcone Based MAO-B Inhibitors in a Haloperidol-Induced Murine Model of Parkinson's Disease. *Neurochemical Research*, **2020**, 45, 2786-2799	4.6	8
54	Trimethoxylated Halogenated Chalcones as Dual Inhibitors of MAO-B and BACE-1 for the Treatment of Neurodegenerative Disorders. *Pharmaceutics*, **2021**, 13,	6.4	8
53	Enhancement of thermostability of Bacillus subtilis endoglucanase by error-prone PCR and DNA shuffling. *Applied Biological Chemistry*, **2017**, 60, 73-78	2.9	7
52	Gangjinia marincola gen. nov., sp. nov., a marine bacterium of the family Flavobacteriaceae. *International Journal of Systematic and Evolutionary Microbiology*, **2011**, 61, 325-329	2.2	7
51	Characterization of Three Extracellular β-Glucosidases Produced by a Fungal Isolate sp. YDJ14 and Their Hydrolyzing Activity for a Flavone Glycoside. *Journal of Microbiology and Biotechnology*, **2018**, 28, 757-764	3.3	7
50	Imobilization of β-glucosidase using the cellulose-binding domain of Bacillus subtilis endo-β-1,4-glucanase. *Biotechnology Letters*, **1997**, 19, 483-486	3	6
49	Halogenated Coumarin-Chalcones as Multifunctional Monoamine Oxidase-B and Butyrylcholinesterase Inhibitors. *ACS Omega*, **2021**, 6, 28182-28193	3.9	6
48	Antidepressant-Like Activities of Hispidol and Decursin in Mice and Analysis of Neurotransmitter Monoamines. *Neurochemical Research*, **2020**, 45, 1930-1940	4.6	6
47	Design, Synthesis, and Biological Evaluation of Pyridazinones Containing the (2-Fluorophenyl) Piperazine Moiety as Selective MAO-B Inhibitors. *Molecules*, **2020**, 25,	4.8	6

46	A New Potent and Selective Monoamine Oxidase-B Inhibitor with Extended Conjugation in a Chalcone Framework: 1-[4-(Morpholin-4-yl)phenyl]-5-phenylpenta-2,4-dien-1-one. *ChemMedChem*, **2020**, 15, 1629-1633	3.7	5
45	Development of methylthiosemicarbazones as new reversible monoamine oxidase-B inhibitors for the treatment of Parkinson's disease. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 4786-4794	3.6	5
44	Enhanced saccharification of reed and rice straws by the addition of β-1,3-1,4-glucanase with broad substrate specificity and calcium ion **2015**, 58, 29-33		5
43	Selected 1,3-Benzodioxine-Containing Chalcones as Multipotent Oxidase and Acetylcholinesterase Inhibitors. *ChemMedChem*, **2020**, 15, 2257-2263	3.7	5
42	Development of Halogenated Pyrazolines as Selective Monoamine Oxidase-B Inhibitors: Deciphering via Molecular Dynamics Approach. *Molecules*, **2021**, 26,	4.8	5
41	Deciphering the detailed structure-activity relationship of coumarins as Monoamine oxidase enzyme inhibitors-An updated review. *Chemical Biology and Drug Design*, **2021**, 98, 655-673	2.9	5
40	Discovery of some novel imines of 2-amino, 5-thio, 1,3,4-thiadiazole as mucomembranous protector. Synthesis, anti-oxidant activity and in silico PASS approach. *Journal of Saudi Chemical Society*, **2016**, 20, S426-S432	4.3	4
39	Antidepressant-Like Effects of Ethanol Extract of Ziziphus jujuba Mill Seeds in Mice. *Applied Sciences (Switzerland)*, **2020**, 10, 7374	2.6	4
38	Cleavage of bacillus subtilis endo-β-1,4-glucanase by B. megaterium protease. *Biotechnology Letters* , **1993**, 15, 127-132	3	4
37	A Comprehensive Review of Monoamine Oxidase-A Inhibitors in their Syntheses and Potencies. *Combinatorial Chemistry and High Throughput Screening*, **2020**, 23, 898-914	1.3	4
36	Characterization of an Alkaline Family I.4 Lipase from Bacillus sp. W130-35 Isolated from a Tidal Mud Flat with Broad Substrate Specificity. *Journal of Microbiology and Biotechnology*, **2015**, 25, 2024-33	3.3	4
35	Gene Therapy Approach with an Emphasis on Growth Factors: Theoretical and Clinical Outcomes in Neurodegenerative Diseases. *Molecular Neurobiology*, **2021**, 1	6.2	4
34	Synthesis, Cytotoxicity and Anti-Proliferative Activity Against AGS Cells of New 3(2)-Pyridazinone Derivatives Endowed with a Piperazinyl Linker. *Pharmaceuticals*, **2021**, 14,	5.2	4
33	(S)-5-Methylmellein Isolated from an Endogenous Lichen Fungus Rosellinia corticium as a Potent Inhibitor of Human Monoamine Oxidase A. *Processes*, **2022**, 10, 166	2.9	3
32	An Environment-friendly Synthesis of Piperonal Chalcones and Their Cytotoxic and Antioxidant Evaluation. *Letters in Drug Design and Discovery*, **2020**, 17, 138-144	0.8	3
31	A cold-active acidophilic endoglucanase of Paenibacillus sp. Y2 isolated from soil in an alpine region. *Journal of Applied Biological Chemistry*, **2017**, 60, 257-263	0.7	3
30	Potent and Selective Inhibitors of Human Monoamine Oxidase A from an Endogenous Lichen Fungus. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7,	5.6	3
29	Characterization of a Novel Family IV Esterase Containing a Predicted CzcO Domain and a Family V Esterase with Broad Substrate Specificity from an Oil-Polluted Mud Flat Metagenomic Library. *Applied Sciences (Switzerland)*, **2021**, 11, 5905	2.6	3

28	Synthesis of N?-(4-/3-/2-/Non-substituted benzylidene)-4-[(4-methylphenyl)sulfonyloxy] Benzohydrazides and Evaluation of Their Inhibitory Activities against Monoamine Oxidases and Secretase. *Applied Sciences (Switzerland)*, **2021**, 11, 5830	2.6	3
27	Current Progress in Quinazoline Derivatives as Acetylcholinesterase and Monoamine Oxidase Inhibitors. *ChemistrySelect*, **2021**, 6, 7162-7182	1.8	3
26	An Update of Synthetic Approaches and Structure-Activity Relationships of Various Classes of Human MAO-B Inhibitors. *ChemistrySelect*, **2021**, 6, 1404-1429	1.8	3
25	Analysis of Active Metabolites of Sophora flavescens for Indoleamine 2,3-dioxygenase and Monoamine Oxidases using Ultra-Performance Liquid Chromatography-Quadrupole time-of-Flight Mass Spectrometry. *Natural Product Communications*, **2018**, 13, 1934578X1801301	0.9	3
24	Acetylcholinesterase and monoamine oxidase-B inhibitory activities by ellagic acid derivatives isolated from Castanopsis cuspidata var. sieboldii. *Scientific Reports*, **2021**, 11, 13953	4.9	3
23	Insights into an Immunotherapeutic Approach to Combat Multidrug Resistance in Hepatocellular Carcinoma. *Pharmaceuticals*, **2021**, 14,	5.2	3
22	Chitinibacter suncheonensis sp. nov., a chitinolytic bacterium from a mud flat in Suncheon Bay. *Journal of Microbiology*, **2012**, 50, 1058-62	3	2
21	Biochemical characterization of a family IV esterase with R-form enantioselectivity from a compost metagenomic library. *Applied Biological Chemistry*, **2021**, 64,	2.9	2
20	Selected Class of Enamides Bearing Nitro Functionality as Dual-Acting with Highly Selective Monoamine Oxidase-B and BACE1 Inhibitors. *Molecules*, **2021**, 26,	4.8	2
19	Inhibitions of monoamine oxidases and acetylcholinesterase by 1-methyl, 5-phenyl substituted thiosemicarbazones: Synthesis, biochemical, and computational investigations. *Process Biochemistry* , **2020**, 99, 246-253	4.8	2
18	Revealing the role of fluorine pharmacophore in chalcone scaffold for shifting the MAO-B selectivity: investigation of a detailed molecular dynamics and quantum chemical study. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 6126-6139	3.6	2
17	Chromenone Derivatives as Monoamine Oxidase Inhibitors from Marine-Derived MAR4 Clade sp. CNQ-031. *Journal of Microbiology and Biotechnology*, **2021**, 31, 1022-1027	3.3	2
16	Molecular Characterization of Novel Family IV and VIII Esterases from a Compost Metagenomic Library. *Microorganisms*, **2021**, 9,	4.9	2
15	Structural Modifications on Chalcone Framework for Developing New Class of Cholinesterase Inhibitors.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
14	Adsorption of Bacillus subtilis endo-beta-1,4-glucanase to cellulosic materials. *IUBMB Life*, **1997**, 41, 665-77	4.7	1
13	Expression and secretion of carboxymethyl cellulase in Bacillus subtilis by Lactobacillus casei lactate dehydrogenase gene promoter. *Biotechnology Letters*, **1997**, 19, 27-29	3	1
12	Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects. *Processes*, **2021**, 9, 2019	2.9	1
11	Characterization of an alkaline esterase from an enriched metagenomic library derived from an oil-spill area. *Journal of Applied Biological Chemistry*, **2019**, 62, 73-79	0.7	1

10	Aldoxime- and hydroxy-functionalized chalcones as highly potent and selective monoamine oxidase-B inhibitors. *Journal of Molecular Structure*, **2021**, 1250, 131817	3.4	1
9	Characterization of a metalloprotease from an isolate Bacillus thuringiensis 29-126 in animal feces collected from a zoological garden in Japan. *Journal of Applied Biological Chemistry*, **2016**, 59, 373-377	0.7	1
8	(Hetero-)(arylidene)arylhydrazides as Multitarget-Directed Monoamine Oxidase Inhibitors. *ACS Combinatorial Science*, **2020**, 22, 592-599	3.9	1
7	Navigating into the Chemical Space of Monoamine Oxidase Inhibitors by Artificial Intelligence and Cheminformatics Approach. *ACS Omega*, **2021**, 6, 23399-23411	3.9	1
6	Ameliorative effect of ethoxylated chalcone-based MAO-B inhibitor on behavioural predictors of haloperidol-induced Parkinsonism in mice: evidence of its antioxidative role against Parkinson's diseases. *Environmental Science and Pollution Research*, **2021**, 1	5.1	1
5	Conjugated Dienones from Differently Substituted Cinnamaldehyde as Highly Potent Monoamine Oxidase-B Inhibitors: Synthesis, Biochemistry, and Computational Chemistry.. *ACS Omega*, **2022**, 7, 8184-8197	3.9	1
4	Biological investigation of -methyl thiosemicarbazones as antimicrobial agents and bacterial carbonic anhydrases inhibitors.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 986-993	5.6	1
3	Roles of Carbohydrate-Binding Module (CBM) of an Endo-β-1,4-Glucanase (Cel5L) from sp. KD1014 in Thermostability and Small-Substrate Hydrolyzing Activity. *Journal of Microbiology and Biotechnology*, **2018**, 28, 2036-2045	3.3	1
2	Evaluation of Inhibitory Activities of Sophora flavescens and Angelica gigas Nakai Root Extracts against Monoamine Oxidases, Cholinesterases, and β-Secretase. *Processes*, **2022**, 10, 880	2.9	1
1	Revealing the role of the benzyloxy pharmacophore in the design of a new class of monoamine oxidase-B inhibitors.. *Archiv Der Pharmazie*, **2022**, e2200084	4.3	1