

Hoon Kim

List of Publications by Year in descending order

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140
papers

3,684
citations

117453

34
h-index

182168

51
g-index

142
all docs

142
docs citations

142
times ranked

2797
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Monoamine Oxidase A by Î²-Carboline Derivatives. Archives of Biochemistry and Biophysics, 1997, 337, 137-142.	1.4	234
2	Magnetic nanoparticles for hyperthermia in cancer treatment: an emerging tool. Environmental Science and Pollution Research, 2020, 27, 19214-19225.	2.7	143
3	Advancements in nanotherapeutics for Alzheimer's disease: current perspectives. Journal of Pharmacy and Pharmacology, 2019, 71, 1370-1383.	1.2	108
4	Emerging therapeutic potentials of dual-acting MAO and AChE inhibitors in Alzheimer's and Parkinson's diseases. Archiv Der Pharmazie, 2019, 352, e1900177.	2.1	99
5	Cholinesterase Inhibitors for Alzheimer's Disease: Multitargeting Strategy Based on Anti-Alzheimer's Drugs Repositioning. Current Pharmaceutical Design, 2019, 25, 3519-3535.	0.9	88
6	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.	1.0	82
7	Synthesis, Biochemistry, and Computational Studies of Brominated Thienyl Chalcones: A New Class of Reversible MAO-B Inhibitors. ChemMedChem, 2016, 11, 1161-1171.	1.6	70
8	Development of fluorinated methoxylated chalcones as selective monoamine oxidase-B inhibitors: Synthesis, biochemistry and molecular docking studies. Bioorganic Chemistry, 2015, 62, 22-29.	2.0	69
9	Exploration of chlorinated thienyl chalcones: A new class of monoamine oxidase-B inhibitors. International Journal of Biological Macromolecules, 2016, 91, 680-695.	3.6	69
10	Identification of Indole-Based Chalcones: Discovery of a Potent, Selective, and Reversible Class of MAO-B Inhibitors. Archiv Der Pharmazie, 2016, 349, 627-637.	2.1	62
11	Molecular cloning and characterization of a novel family VIII alkaline esterase from a compost metagenomic library. Biochemical and Biophysical Research Communications, 2010, 393, 45-49.	1.0	59
12	Monoamine Oxidase Inhibitory Action of Chalcones: A Mini Review. Central Nervous System Agents in Medicinal Chemistry, 2016, 16, 120-136.	0.5	59
13	Chalcones: Unearthing their therapeutic possibility as monoamine oxidase B inhibitors. European Journal of Medicinal Chemistry, 2020, 205, 112650.	2.6	58
14	Selective inhibition of monoamine oxidase A by hispidol. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 584-588.	1.0	55
15	Heteroaryl chalcones: Mini review about their therapeutic voyage. Biomedicine and Preventive Nutrition, 2014, 4, 451-458.	0.9	52
16	Monoamine oxidase inhibitory activity of methoxy-substituted chalcones. International Journal of Biological Macromolecules, 2017, 104, 1321-1329.	3.6	51
17	Monoamine Oxidase Inhibitory Activity: Methyl- versus Chlorochalcone Derivatives. ChemMedChem, 2016, 11, 2649-2655.	1.6	50
18	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.	3.6	50

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19	Design, synthesis and biological evaluation of oxygenated chalcones as potent and selective MAO-B inhibitors. <i>Bioorganic Chemistry</i> , 2019, 93, 103335.	2.0	49
20	Rhamnocitrin isolated from <i>Prunus padus</i> var. <i>seoulensis</i> : A potent and selective reversible inhibitor of human monoamine oxidase A. <i>Bioorganic Chemistry</i> , 2019, 83, 317-325.	2.0	47
21	Influence of the Transposition of the Thermostabilizing Domain of <i>Clostridium thermocellum</i> Xylanase (XynX) on Xylan Binding and Thermostabilization. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3496-3501.	1.4	46
22	Potent inhibition of acetylcholinesterase by sargachromanol I from <i>Sargassum siliquastrum</i> and by selected natural compounds. <i>Bioorganic Chemistry</i> , 2019, 89, 103043.	2.0	45
23	Potent and highly selective dual-targeting monoamine oxidase-B inhibitors: Fluorinated chalcones of morpholine versus imidazole. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800309.	2.1	44
24	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. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1186-1203.	1.2	40
25	Selected aryl thiosemicarbazones as a new class of multi-targeted monoamine oxidase inhibitors. <i>MedChemComm</i> , 2018, 9, 1871-1881.	3.5	40
26	Acetylcholinesterase and butyrylcholinesterase inhibitory activities of khellactone coumarin derivatives isolated from <i>Peucedanum japonicum</i> Thurnberg. <i>Scientific Reports</i> , 2020, 10, 21695.	1.6	40
27	Potent and Selective Monoamine Oxidase-B Inhibitory Activity: Fluoro- vs Trifluoromethyl-hydroxylated Chalcone Derivatives. <i>Chemistry and Biodiversity</i> , 2016, 13, 1046-1052.	1.0	39
28	Discovery of potent and reversible MAO-B inhibitors as furanochalcones. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 660-664.	3.6	39
29	Pyrazoline: A Promising Scaffold for the Inhibition of Monoamine Oxidase. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2014, 13, 195-206.	0.5	39
30	Characterization of Xyn10J, a Novel Family 10 Xylanase from a Compost Metagenomic Library. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 1328-1339.	1.4	38
31	Potent inhibitions of monoamine oxidase A and B by acacetin and its 7-O-(6-O-malonylglucoside) derivative from <i>Agastache rugosa</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 104, 547-553.	3.6	38
32	Development of Fluorinated Thienylchalcones as Monoamine Oxidase-B Inhibitors: Design, Synthesis, Biological Evaluation and Molecular Docking Studies. <i>Letters in Organic Chemistry</i> , 2015, 12, 605-613.	0.2	38
33	Imidazole bearing chalcones as a new class of monoamine oxidase inhibitors. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 8-13.	2.5	36
34	Calycosin and 8-O-methylretusin isolated from <i>Maackia amurensis</i> as potent and selective reversible inhibitors of human monoamine oxidase-B. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 441-448.	3.6	36
35	Novel Class of Chalcone Oxime Ethers as Potent Monoamine Oxidase-B and Acetylcholinesterase Inhibitors. <i>Molecules</i> , 2020, 25, 2356.	1.7	35
36	Cloning of two cellulase genes from endophytic <i>Paenibacillus polymyxa</i> GS01 and comparison with <i>cel44C</i> of <i>Manihot</i> 26A. <i>Journal of Basic Microbiology</i> , 2008, 48, 464-472.	1.8	34

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37	Perspective Design of Chalcones for the Management of CNS Disorders: A Mini-Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 432-445.	0.8	34
38	Characterization of a Novel Alkaline Family VIII Esterase with S-Enantiomer Preference from a Compost Metagenomic Library. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 315-325.	0.9	34
39	TV 3326 for Alzheimer's dementia: a novel multimodal ChE and MAO inhibitors to mitigate Alzheimer's-like neuropathology. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1001-1012.	1.2	33
40	Deciphering the detailed structure-activity relationship of coumarins as Monoamine oxidase enzyme inhibitors: An updated review. <i>Chemical Biology and Drug Design</i> , 2021, 98, 655-673.	1.5	33
41	New Aspects of Monoamine Oxidase B Inhibitors: The Key Role of Halogens to Open the Golden Door. <i>Current Medicinal Chemistry</i> , 2020, 28, 266-283.	1.2	32
42	Anti-oxidant behavior of functionalized chalcone-a combined quantum chemical and crystallographic structural investigation. <i>Journal of Molecular Structure</i> , 2017, 1146, 301-308.	1.8	31
43	Monoamine Oxidase Inhibitors: Perspective Design for the Treatment of Depression and Neurological Disorders. <i>Current Enzyme Inhibition</i> , 2016, 12, 115-122.	0.3	31
44	Structural Exploration of Synthetic Chromones as Selective MAO-B Inhibitors: A Mini Review. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2017, 20, 522-532.	0.6	30
45	Plant Secondary Metabolites- Potent Inhibitors of Monoamine Oxidase Isoforms. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2014, 14, 28-33.	0.5	28
46	Selective inhibition of monoamine oxidase A by chelerythrine, an isoquinoline alkaloid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2403-2407.	1.0	28
47	Inhibition of Butyrylcholinesterase and Human Monoamine Oxidase-B by the Coumarin Glycyrol and Liquiritigenin Isolated from <i>Glycyrrhiza uralensis</i> . <i>Molecules</i> , 2020, 25, 3896.	1.7	27
48	Ethyl Acetohydroxamate Incorporated Chalcones: Unveiling a Novel Class of Chalcones for Multitarget Monoamine Oxidase-B Inhibitors Against Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 643-654.	0.8	27
49	Activity Enhancement of Cel5Z from <i>Pectobacterium chrysanthemi</i> PY35 by Removing C-Terminal Region. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 425-430.	1.0	26
50	Characterization of Novel Family IV Esterase and Family I.3 Lipase from an Oil-Polluted Mud Flat Metagenome. <i>Molecular Biotechnology</i> , 2015, 57, 781-792.	1.3	26
51	Piperazine-substituted chalcones: a new class of MAO-B, AChE, and BACE-1 inhibitors for the treatment of neurological disorders. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38855-38866.	2.7	26
52	Halogenated Coumarin-Chalcones as Multifunctional Monoamine Oxidase-B and Butyrylcholinesterase Inhibitors. <i>ACS Omega</i> , 2021, 6, 28182-28193.	1.6	26
53	Selective inhibition of monoamine oxidase A by purpurin, an anthraquinone. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1136-1140.	1.0	25
54	Potent Inhibition of Monoamine Oxidase B by a Piloquinone from Marine-Derived <i>Streptomyces</i> sp. CNQ-027. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 785-790.	0.9	25

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55	Cloning and characterization of a novel intracellular serine protease (IspK) from <i>Bacillus megaterium</i> with a potential additive for detergents. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 808-816.	3.6	24
56	Morpholine-based chalcones as dual-acting monoamine oxidase-B and acetylcholinesterase inhibitors: synthesis and biochemical investigations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 188-197.	2.5	24
57	Development of bromo- and fluoro-based $\hat{1}\pm, \hat{1}^2$ -unsaturated ketones as highly potent MAO-B inhibitors for the treatment of Parkinson's disease. <i>Journal of Molecular Structure</i> , 2022, 1266, 133545.	1.8	24
58	Characterization of Thienylchalcones as hMAOâ€B Inhibitors: Synthesis, Biochemistry and Molecular Dynamics Studies. <i>ChemistrySelect</i> , 2017, 2, 11113-11119.	0.7	23
59	Characterization of a GH family 8 $\hat{1}^2$ -1,3-1,4-glucanase with distinctive broad substrate specificity from <i>Paenibacillus</i> sp. X4. <i>Biotechnology Letters</i> , 2015, 37, 643-655.	1.1	22
60	Unraveling the Structural Requirements of Chalcone Chemistry Towards Monoamine Oxidase Inhibition. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2019, 19, 6-7.	0.5	22
61	Osthenol, a prenylated coumarin, as a monoamine oxidase A inhibitor with high selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 839-843.	1.0	22
62	Ethoxylated Head of Chalcones as a New Class of Multiâ€Targeted MAO Inhibitors. <i>ChemistrySelect</i> , 2019, 4, 6614-6619.	0.7	22
63	Trimethoxylated Halogenated Chalcones as Dual Inhibitors of MAO-B and BACE-1 for the Treatment of Neurodegenerative Disorders. <i>Pharmaceutics</i> , 2021, 13, 850.	2.0	22
64	Gene Therapy Approach with an Emphasis on Growth Factors: Theoretical and Clinical Outcomes in Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2022, 59, 191-233.	1.9	22
65	Functional analysis of a hybrid endoglucanase of bacterial origin having a cellulose binding domain from a fungal exoglucanase. <i>Applied Biochemistry and Biotechnology</i> , 1998, 75, 193-204.	1.4	21
66	<i>Pseudomonas taeanensis</i> sp. nov., isolated from a crude oil-contaminated seashore. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2719-2723.	0.8	20
67	Potent and selective inhibition of human monoamine oxidase-B by 4-dimethylaminochalcone and selected chalcone derivatives. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 426-432.	3.6	19
68	Exploring the Therapeutic Potentials of Highly Selective Oxygenated Chalcone Based MAO-B Inhibitors in a Haloperidol-Induced Murine Model of Parkinsonâ€™s Disease. <i>Neurochemical Research</i> , 2020, 45, 2786-2799.	1.6	19
69	Antimicrobial Activity of Divaricatic Acid Isolated from the Lichen <i>Evernia mesomorpha</i> against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2018, 23, 3068.	1.7	18
70	Design of enamides as new selective monoamine oxidase-B inhibitors. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 916-926.	1.2	18
71	Inhibition of monoamine oxidase A and B by demethoxycurcumin and bisdemethoxycurcumin. <i>Journal of Applied Biological Chemistry</i> , 2018, 61, 187-190.	0.2	18
72	Endo- $\hat{1}^2$ -1,4-glucanase encoded by <i>Bacillus subtilis</i> gene cloned in <i>Bacillus megaterium</i> . <i>Enzyme and Microbial Technology</i> , 1988, 10, 347-351.	1.6	17

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73	Characterization of two extracellular β -glucosidases produced from the cellulolytic fungus <i>Aspergillus</i> sp. YDJ216 and their potential applications for the hydrolysis of flavone glycosides. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 595-603.	3.6	17
74	Selective Inhibition of Human Monoamine Oxidase B by 5-hydroxy-2-methyl-chroman-4-one Isolated from an Endogenous Lichen Fungus <i>Daldinia fissa</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 84.	1.5	17
75	Changes in the activity of the multifunctional β -glycosyl hydrolase (Cel44C-Man26A) from <i>Paenibacillus polymyxa</i> by removal of the C-terminal region to minimum size. <i>Biotechnology Letters</i> , 2008, 30, 1061-1068.	1.1	16
76	Characterization of truncated endo- β -1,4-glucanases from a compost metagenomic library and their saccharification potentials. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 554-562.	3.6	15
77	Inhibition of Monoamine Oxidase by Anithiactins from <i>Streptomyces</i> sp.. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1425-1428.	0.9	15
78	Structural features of Safinamide: A combined Hirshfeld surface analysis & quantum chemical treatment. <i>Chemical Data Collections</i> , 2018, 17-18, 404-414.	1.1	14
79	Insights into an Immunotherapeutic Approach to Combat Multidrug Resistance in Hepatocellular Carcinoma. <i>Pharmaceuticals</i> , 2021, 14, 656.	1.7	14
80	Revealing the role of the benzyloxy pharmacophore in the design of a new class of monoamine oxidase β inhibitors. <i>Archiv Der Pharmazie</i> , 2022, 355, e2200084.	2.1	14
81	Construction of minimum size cellulase (Cel5Z) from <i>Pectobacterium chrysanthemi</i> PY35 by removal of the C-terminal region. <i>Applied Microbiology and Biotechnology</i> , 2005, 68, 46-52.	1.7	13
82	<i>Gangjinia marincola</i> gen. nov., sp. nov., a marine bacterium of the family Flavobacteriaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 325-329.	0.8	13
83	Improvement of enzyme activity of β -1,3-1,4-glucanase from <i>Paenibacillus</i> sp. X4 by error-prone PCR and structural insights of mutated residues. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4073-4083.	1.7	13
84	Refining the Structural Features of Chromones as Selective MAO β Inhibitors: Exploration of Combined Pharmacophore-Based 3D-QSAR and Quantum Chemical Studies. <i>ChemistrySelect</i> , 2017, 2, 11645-11652.	0.7	13
85	Synthesis and biological evaluation of new 3(2H)-pyridazinone derivatives as non-toxic anti-proliferative compounds against human colon carcinoma HCT116 cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1100-1109.	2.5	13
86	Synthesis, Cytotoxicity and Anti-Proliferative Activity against AGS Cells of New 3(2H)-Pyridazinone Derivatives Endowed with a Piperazinyl Linker. <i>Pharmaceuticals</i> , 2021, 14, 183.	1.7	13
87	Potent Selective Inhibition of Monoamine Oxidase A by Alternariol Monomethyl Ether Isolated from <i>Alternaria brassicae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 316-320.	0.9	13
88	Biological investigation of <i>N</i> -methyl thiosemicarbazones as antimicrobial agents and bacterial carbonic anhydrases inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 986-993.	2.5	13
89	Cloning and expression of a <i>Clostridium thermocellum</i> xylanase gene in <i>Escherichia coli</i> . <i>IUBMB Life</i> , 1998, 44, 283-292.	1.5	12
90	Current Progress in Quinazoline Derivatives as Acetylcholinesterase and Monoamine Oxidase Inhibitors. <i>ChemistrySelect</i> , 2021, 6, 7162-7182.	0.7	12

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91	Antidepressant-Like Activities of Hispidol and Decursin in Mice and Analysis of Neurotransmitter Monoamines. <i>Neurochemical Research</i> , 2020, 45, 1930-1940.	1.6	12
92	Privileged Pharmacophore of FDA Approved Drugs in Combination with Chalcone Framework: A New Hope for Alzheimer's Treatment. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, 842-846.	0.6	12
93	Selected 1,3-Benzodioxine-Containing Chalcones as Multipotent Oxidase and Acetylcholinesterase Inhibitors. <i>ChemMedChem</i> , 2020, 15, 2257-2263.	1.6	11
94	Design, Synthesis, and Biological Evaluation of Pyridazinones Containing the (2-Fluorophenyl) Piperazine Moiety as Selective MAO-B Inhibitors. <i>Molecules</i> , 2020, 25, 5371.	1.7	11
95	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. <i>ChemMedChem</i> , 2020, 15, 1629-1633.	1.6	11
96	Development of methylthiosemicarbazones as new reversible monoamine oxidase-B inhibitors for the treatment of Parkinson's disease. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4786-4794.	2.0	11
97	Acetylcholinesterase and monoamine oxidase-B inhibitory activities by ellagic acid derivatives isolated from <i>Castanopsis cuspidata</i> var. <i>sieboldii</i> . <i>Scientific Reports</i> , 2021, 11, 13953.	1.6	11
98	Navigating into the Chemical Space of Monoamine Oxidase Inhibitors by Artificial Intelligence and Cheminformatics Approach. <i>ACS Omega</i> , 2021, 6, 23399-23411.	1.6	11
99	Aldoxime- and hydroxy-functionalized chalcones as highly potent and selective monoamine oxidase-B inhibitors. <i>Journal of Molecular Structure</i> , 2022, 1250, 131817.	1.8	11
100	An Update of Synthetic Approaches and Structure-Activity Relationships of Various Classes of Human MAO-B Inhibitors. <i>ChemistrySelect</i> , 2021, 6, 1404-1429.	0.7	10
101	A Comprehensive Review of Monoamine Oxidase-A Inhibitors in their Syntheses and Potencies. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, 898-914.	0.6	10
102	Conjugated Dienones from Differently Substituted Cinnamaldehyde as Highly Potent Monoamine Oxidase-B Inhibitors: Synthesis, Biochemistry, and Computational Chemistry. <i>ACS Omega</i> , 2022, 7, 8184-8197.	1.6	10
103	Development of a Novel Class of Pyridazinone Derivatives as Selective MAO-B Inhibitors. <i>Molecules</i> , 2022, 27, 3801.	1.7	10
104	Development of Halogenated Pyrazolines as Selective Monoamine Oxidase-B Inhibitors: Deciphering via Molecular Dynamics Approach. <i>Molecules</i> , 2021, 26, 3264.	1.7	9
105	A cold-active acidophilic endoglucanase of <i>Paenibacillus</i> sp. Y2 isolated from soil in an alpine region. <i>Journal of Applied Biological Chemistry</i> , 2017, 60, 257-263.	0.2	9
106	Characterization of a Multimodular Endo- α -1,4-glucanase (Cel9K) from <i>Paenibacillus</i> sp. X4 with a Potential Additive for Saccharification. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 588-596.	0.9	9
107	Characterization of Three Extracellular α -1/2-Glucosidases Produced by a Fungal Isolate <i>Aspergillus</i> sp. YDJ14 and Their Hydrolyzing Activity for a Flavone Glycoside. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 757-764.	0.9	9
108	Structural Modifications on Chalcone Framework for Developing New Class of Cholinesterase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3121.	1.8	9

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109	Title is missing!. <i>Biotechnology Letters</i> , 1997, 19, 483-486.	1.1	8
110	Enhancement of thermostability of <i>Bacillus subtilis</i> endoglucanase by error-prone PCR and DNA shuffling. <i>Applied Biological Chemistry</i> , 2017, 60, 73-78.	0.7	8
111	Chromenone Derivatives as Monoamine Oxidase Inhibitors from Marine-Derived MAR4 Clade <i>Streptomyces</i> sp. CNQ-031. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 1022-1027.	0.9	8
112	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. <i>Environmental Science and Pollution Research</i> , 2022, 29, 7271-7282.	2.7	8
113	<i>Chitinibacter suncheonensis</i> sp. nov., a chitinolytic bacterium from a mud flat in Suncheon Bay. <i>Journal of Microbiology</i> , 2012, 50, 1058-1062.	1.3	7
114	Enhanced saccharification of reed and rice straws by the addition of α -1,3-1,4-glucanase with broad substrate specificity and calcium ion. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 29-33.	0.9	7
115	Antidepressant-Like Effects of Ethanol Extract of <i>Ziziphus jujuba</i> Mill Seeds in Mice. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7374.	1.3	7
116	Molecular Characterization of Novel Family IV and VIII Esterases from a Compost Metagenomic Library. <i>Microorganisms</i> , 2021, 9, 1614.	1.6	7
117	Selected Class of Enamides Bearing Nitro Functionality as Dual-Acting with Highly Selective Monoamine Oxidase-B and BACE1 Inhibitors. <i>Molecules</i> , 2021, 26, 6004.	1.7	7
118	Biochemical characterization of a family IV esterase with R-form enantioselectivity from a compost metagenomic library. <i>Applied Biological Chemistry</i> , 2021, 64, .	0.7	7
119	Replacement of Chalcone-Ethers with Chalcone-Thioethers as Potent and Highly Selective Monoamine Oxidase-B Inhibitors and Their Protein-Ligand Interactions. <i>Pharmaceuticals</i> , 2021, 14, 1148.	1.7	7
120	Cleavage of <i>Bacillus subtilis</i> α -1,4-glucanase by <i>B. megaterium</i> protease. <i>Biotechnology Letters</i> , 1993, 15, 127-132.	1.1	6
121	Discovery of some novel imines of 2-amino, 5-thio, 1,3,4-thiadiazole as muco-membranous protector. Synthesis, anti-oxidant activity and in silico PASS approach. <i>Journal of Saudi Chemical Society</i> , 2016, 20, S426-S432.	2.4	6
122	Characterization of an Alkaline Family I.4 Lipase from <i>Bacillus</i> sp. W130-35 Isolated from a Tidal Mud Flat with Broad Substrate Specificity. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 2024-2033.	0.9	6
123	Potent and Selective Inhibitors of Human Monoamine Oxidase A from an Endogenous Lichen Fungus <i>Diaporthe mahoithocarpus</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 876.	1.5	6
124	(Hetero-)(arylidene)arylhazides as Multitarget-Directed Monoamine Oxidase Inhibitors. <i>ACS Combinatorial Science</i> , 2020, 22, 592-599.	3.8	5
125	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. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6126-6139.	2.0	5
126	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. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5905.	1.3	5

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127	Inhibitions of monoamine oxidases and acetylcholinesterase by 1-methyl, 5-phenyl substituted thiosemicarbazones: Synthesis, biochemical, and computational investigations. <i>Process Biochemistry</i> , 2020, 99, 246-253.	1.8	5
128	Inhibitors of Monoamine Oxidase and Acetylcholinesterase as a Front Runner in CNS Drug Discovery. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, 834-835.	0.6	5
129	(S)-5-Methylmellein Isolated from an Endogenous Lichen Fungus <i>Rosellinia corticium</i> as a Potent Inhibitor of Human Monoamine Oxidase A. <i>Processes</i> , 2022, 10, 166.	1.3	5
130	Analysis of Active Metabolites of <i>Sophora flavescens</i> for Indoleamine 2,3-dioxygenase and Monoamine Oxidases using Ultra-Performance Liquid Chromatography-Quadrupole time-of-Flight Mass Spectrometry. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801301.	0.2	4
131	Synthesis of N-((4-(3-(2-(Non-substituted benzylidene)-4-[(4-methylphenyl)sulfonyloxy] Benzohydrazides and Evaluation of Their Inhibitory Activities against Monoamine Oxidases and β -Secretase. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5830.	1.3	4
132	An Environment-friendly Synthesis of Piperonal Chalcones and Their Cytotoxic and Antioxidant Evaluation. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 138-144.	0.4	4
133	Evaluation of Inhibitory Activities of <i>Sophora flavescens</i> and <i>Angelica gigas</i> Nakai Root Extracts against Monoamine Oxidases, Cholinesterases, and β -Secretase. <i>Processes</i> , 2022, 10, 880.	1.3	4
134	Title is missing!. <i>Biotechnology Letters</i> , 1997, 19, 27-29.	1.1	3
135	Characterization of a metalloprotease from an isolate <i>Bacillus thuringiensis</i> 29-126 in animal feces collected from a zoological garden in Japan. <i>Journal of Applied Biological Chemistry</i> , 2016, 59, 373-377.	0.2	3
136	Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects. <i>Processes</i> , 2021, 9, 2019.	1.3	2
137	Roles of Carbohydrate-Binding Module (CBM) of an Endo- β -1,4-Glucanase (Cel5L) from sp. KD1014 in Thermostability and Small-Substrate Hydrolyzing Activity. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 2036-2045.	0.9	2
138	Adsorption of <i>Bacillus subtilis</i> endo- β -1,4-glucanase to cellulosic materials. <i>IUBMB Life</i> , 1997, 41, 665-677.	1.5	1
139	Characterization of an alkaline esterase from an enriched metagenomic library derived from an oil-spill area. <i>Journal of Applied Biological Chemistry</i> , 2019, 62, 73-79.	0.2	1
140	Molecular Characterization of Four Alkaline Chitinases from Three Chitinolytic Bacteria Isolated from a Mudflat. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12822.	1.8	1