

# Hoon Kim

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5842992/hoon-kim-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	(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> , <b>2022</b> , 10, 166	2.9	3
134	Conjugated Dienones from Differently Substituted Cinnamaldehyde as Highly Potent Monoamine Oxidase-B Inhibitors: Synthesis, Biochemistry, and Computational Chemistry.. <i>ACS Omega</i> , <b>2022</b> , 7, 8184-8197	3.9	1
133	Biological investigation of -methyl thiosemicarbazones as antimicrobial agents and bacterial carbonic anhydrases inhibitors.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2022</b> , 37, 986-993	5.6	1
132	Structural Modifications on Chalcone Framework for Developing New Class of Cholinesterase Inhibitors.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
131	Evaluation of Inhibitory Activities of <i>Sophora flavescens</i> and <i>Angelica gigas</i> Nakai Root Extracts against Monoamine Oxidases, Cholinesterases, and $\beta$ -Secretase. <i>Processes</i> , <b>2022</b> , 10, 880	2.9	1
130	Revealing the role of the benzyloxy pharmacophore in the design of a new class of monoamine oxidase-B inhibitors.. <i>Archiv Der Pharmazie</i> , <b>2022</b> , e2200084	4.3	1
129	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> , <b>2021</b> , 39, 4786-4794	3.6	5
128	Biochemical characterization of a family IV esterase with R-form enantioselectivity from a compost metagenomic library. <i>Applied Biological Chemistry</i> , <b>2021</b> , 64,	2.9	2
127	Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects. <i>Processes</i> , <b>2021</b> , 9, 2019	2.9	1
126	New Aspects of Monoamine Oxidase B Inhibitors: The Key Role of Halogens to Open the Golden Door. <i>Current Medicinal Chemistry</i> , <b>2021</b> , 28, 266-283	4.3	19
125	Gene Therapy Approach with an Emphasis on Growth Factors: Theoretical and Clinical Outcomes in Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , <b>2021</b> , 1	6.2	4
124	Potent and Selective Inhibitors of Human Monoamine Oxidase A from an Endogenous Lichen Fungus. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	3
123	Selected Class of Enamides Bearing Nitro Functionality as Dual-Acting with Highly Selective Monoamine Oxidase-B and BACE1 Inhibitors. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
122	Halogenated Coumarin-Chalcones as Multifunctional Monoamine Oxidase-B and Butyrylcholinesterase Inhibitors. <i>ACS Omega</i> , <b>2021</b> , 6, 28182-28193	3.9	6
121	Aldoxime- and hydroxy-functionalized chalcones as highly potent and selective monoamine oxidase-B inhibitors. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1250, 131817	3.4	1
120	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> , <b>2021</b> , 39, 6126-6139	3.6	2
119	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> , <b>2021</b> , 28, 38855-38866	5.1	9

118	Development of Halogenated Pyrazolines as Selective Monoamine Oxidase-B Inhibitors: Deciphering via Molecular Dynamics Approach. <i>Molecules</i> , <b>2021</b> , 26,	4.8	5
117	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> , <b>2021</b> , 11, 5905	2.6	3
116	Trimethoxylated Halogenated Chalcones as Dual Inhibitors of MAO-B and BACE-1 for the Treatment of Neurodegenerative Disorders. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	8
115	Synthesis of N <sup>7</sup> -(4-/3-/2-/Non-substituted benzylidene)-4-[(4-methylphenyl)sulfonyloxy] Benzohydrazides and Evaluation of Their Inhibitory Activities against Monoamine Oxidases and B Secretase. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5830	2.6	3
114	Current Progress in Quinazoline Derivatives as Acetylcholinesterase and Monoamine Oxidase Inhibitors. <i>ChemistrySelect</i> , <b>2021</b> , 6, 7162-7182	1.8	3
113	Deciphering the detailed structure-activity relationship of coumarins as Monoamine oxidase enzyme inhibitors-An updated review. <i>Chemical Biology and Drug Design</i> , <b>2021</b> , 98, 655-673	2.9	5
112	Selective Inhibition of Human Monoamine Oxidase B by 5-hydroxy-2-methyl-chroman-4-one Isolated from an Endogenous Lichen Fungus. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	12
111	An Update of Synthetic Approaches and Structure-Activity Relationships of Various Classes of Human MAO-B Inhibitors. <i>ChemistrySelect</i> , <b>2021</b> , 6, 1404-1429	1.8	3
110	Synthesis, Cytotoxicity and Anti-Proliferative Activity Against AGS Cells of New 3(2)-Pyridazinone Derivatives Endowed with a Piperazinyl Linker. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	4
109	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> , <b>2021</b> , 11, 13953	4.9	3
108	Chromenone Derivatives as Monoamine Oxidase Inhibitors from Marine-Derived MAR4 Clade sp. CNQ-031. <i>Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 31, 1022-1027	3.3	2
107	Insights into an Immunotherapeutic Approach to Combat Multidrug Resistance in Hepatocellular Carcinoma. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	3
106	Molecular Characterization of Novel Family IV and VIII Esterases from a Compost Metagenomic Library. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
105	Navigating into the Chemical Space of Monoamine Oxidase Inhibitors by Artificial Intelligence and Cheminformatics Approach. <i>ACS Omega</i> , <b>2021</b> , 6, 23399-23411	3.9	1
104	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> , <b>2021</b> , 1	5.1	1
103	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> , <b>2021</b> , 36, 188-197	5.6	9
102	Acetylcholinesterase and butyrylcholinesterase inhibitory activities of khellactone coumarin derivatives isolated from <i>Peucedanum japonicum</i> Thurnberg. <i>Scientific Reports</i> , <b>2020</b> , 10, 21695	4.9	14
101	Antidepressant-Like Effects of Ethanol Extract of <i>Ziziphus jujuba</i> Mill Seeds in Mice. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7374	2.6	4

100	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> , <b>2020</b> , 72, 1001-1012	4.8	29
99	Design of enamides as new selective monoamine oxidase-B inhibitors. <i>Journal of Pharmacy and Pharmacology</i> , <b>2020</b> , 72, 916-926	4.8	10
98	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> , <b>2020</b> , 15, 1629-1633	3.7	5
97	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> , <b>2020</b> , 151, 441-448	7.9	16
96	Synthesis and biological evaluation of new 3(2)-pyridazinone derivatives as non-toxic anti-proliferative compounds against human colon carcinoma HCT116 cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2020</b> , 35, 1100-1109	5.6	8
95	A Comprehensive Review of Monoamine Oxidase-A Inhibitors in their Syntheses and Potencies. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2020</b> , 23, 898-914	1.3	4
94	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> , <b>2020</b> , 23, 842-846	1.3	9
93	An Environment-friendly Synthesis of Piperonal Chalcones and Their Cytotoxic and Antioxidant Evaluation. <i>Letters in Drug Design and Discovery</i> , <b>2020</b> , 17, 138-144	0.8	3
92	Novel Class of Chalcone Oxime Ethers as Potent Monoamine Oxidase-B and Acetylcholinesterase Inhibitors. <i>Molecules</i> , <b>2020</b> , 25,	4.8	21
91	Antidepressant-Like Activities of Hispidol and Decursin in Mice and Analysis of Neurotransmitter Monoamines. <i>Neurochemical Research</i> , <b>2020</b> , 45, 1930-1940	4.6	6
90	Inhibitions of monoamine oxidases and acetylcholinesterase by 1-methyl, 5-phenyl substituted thiosemicarbazones: Synthesis, biochemical, and computational investigations. <i>Process Biochemistry</i> , <b>2020</b> , 99, 246-253	4.8	2
89	Magnetic nanoparticles for hyperthermia in cancer treatment: an emerging tool. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 19214-19225	5.1	68
88	Selected 1,3-Benzodioxine-Containing Chalcones as Multipotent Oxidase and Acetylcholinesterase Inhibitors. <i>ChemMedChem</i> , <b>2020</b> , 15, 2257-2263	3.7	5
87	(Hetero-)(arylidene)arylhydrazides as Multitarget-Directed Monoamine Oxidase Inhibitors. <i>ACS Combinatorial Science</i> , <b>2020</b> , 22, 592-599	3.9	1
86	Design, Synthesis, and Biological Evaluation of Pyridazinones Containing the (2-Fluorophenyl) Piperazine Moiety as Selective MAO-B Inhibitors. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
85	Chalcones: Unearthing their therapeutic possibility as monoamine oxidase B inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 205, 112650	6.8	27
84	Inhibition of Butyrylcholinesterase and Human Monoamine Oxidase-B by the Coumarin Glycyrol and Liquiritigenin Isolated from. <i>Molecules</i> , <b>2020</b> , 25,	4.8	11
83	Exploring the Therapeutic Potentials of Highly Selective Oxygenated Chalcone Based MAO-B Inhibitors in a Haloperidol-Induced Murine Model of Parkinson's Disease. <i>Neurochemical Research</i> , <b>2020</b> , 45, 2786-2799	4.6	8

82	Design, synthesis and biological evaluation of oxygenated chalcones as potent and selective MAO-B inhibitors. <i>Bioorganic Chemistry</i> , <b>2019</b> , 93, 103335	5.1	29
81	Potent and highly selective dual-targeting monoamine oxidase-B inhibitors: Fluorinated chalcones of morpholine versus imidazole. <i>Archiv Der Pharmazie</i> , <b>2019</b> , 352, e1800309	4.3	34
80	Unraveling the Structural Requirements of Chalcone Chemistry Towards Monoamine Oxidase Inhibition. <i>Central Nervous System Agents in Medicinal Chemistry</i> , <b>2019</b> , 19, 6-7	1.8	21
79	Osthenol, a prenylated coumarin, as a monoamine oxidase A inhibitor with high selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 839-843	2.9	13
78	Ethoxylated Head of Chalcones as a New Class of Multi-Targeted MAO Inhibitors. <i>ChemistrySelect</i> , <b>2019</b> , 4, 6614-6619	1.8	14
77	Potent inhibition of acetylcholinesterase by sargachromanol I from <i>Sargassum siliquastrum</i> and by selected natural compounds. <i>Bioorganic Chemistry</i> , <b>2019</b> , 89, 103043	5.1	27
76	Advancements in nanotherapeutics for Alzheimer's disease: current perspectives. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 1370-1383	4.8	69
75	Potent and selective inhibition of human monoamine oxidase-B by 4-dimethylaminochalcone and selected chalcone derivatives. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 137, 426-432	7.9	14
74	Emerging therapeutic potentials of dual-acting MAO and AChE inhibitors in Alzheimer's and Parkinson's diseases. <i>Archiv Der Pharmazie</i> , <b>2019</b> , 352, e1900177	4.3	70
73	Cholinesterase Inhibitors for Alzheimer's Disease: Multitargeting Strategy Based on Anti-Alzheimer's Drugs Repositioning. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 3519-3535	3.3	67
72	Perspective Design of Chalcones for the Management of CNS Disorders: A Mini-Review. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2019</b> , 18, 432-445	2.6	18
71	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> , <b>2019</b> , 18, 643-654	2.6	23
70	Characterization of an alkaline esterase from an enriched metagenomic library derived from an oil-spill area. <i>Journal of Applied Biological Chemistry</i> , <b>2019</b> , 62, 73-79	0.7	1
69	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> , <b>2019</b> , 83, 317-325	5.1	29
68	Characterization of two extracellular $\beta$ -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> , <b>2018</b> , 111, 595-603	7.9	11
67	Selective inhibition of monoamine oxidase A by hispidol. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2018</b> , 28, 584-588	2.9	40
66	Characterization of truncated endo- $\beta$ -1,4-glucanases from a compost metagenomic library and their saccharification potentials. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 115, 554-562	7.9	11
65	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> , <b>2018</b> , 108, 808-816	7.9	16

64	Imidazole bearing chalcones as a new class of monoamine oxidase inhibitors. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 106, 8-13	7.5	26
63	Selective inhibition of monoamine oxidase A by chelerythrine, an isoquinoline alkaloid. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2018</b> , 28, 2403-2407	2.9	20
62	Inhibition of monoamine oxidase A and B by demethoxycurcumin and bisdemethoxycurcumin. <i>Journal of Applied Biological Chemistry</i> , <b>2018</b> , 61, 187-190	0.7	14
61	Characterization of a Multimodular Endo- $\beta$ -1,4-Glucanase (Cel9K) from sp. X4 with a Potential Additive for Saccharification. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 588-596	3.3	8
60	Characterization of Three Extracellular $\beta$ -Glucosidases Produced by a Fungal Isolate sp. YDJ14 and Their Hydrolyzing Activity for a Flavone Glycoside. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 757-764	3.3	7
59	Discovery of potent and reversible MAO-B inhibitors as furanochalcones. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 108, 660-664	7.9	32
58	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> , <b>2018</b> , 13, 1934578X1801301	0.9	3
57	Antimicrobial Activity of Divaricatic Acid Isolated from the Lichen against Methicillin-Resistant. <i>Molecules</i> , <b>2018</b> , 23,	4.8	12
56	Selected aryl thiosemicarbazones as a new class of multi-targeted monoamine oxidase inhibitors. <i>MedChemComm</i> , <b>2018</b> , 9, 1871-1881	5	29
55	Structural features of Safinamide: A combined Hirshfeld surface analysis & quantum chemical treatment. <i>Chemical Data Collections</i> , <b>2018</b> , 17-18, 404-414	2.1	10
54	Roles of Carbohydrate-Binding Module (CBM) of an Endo- $\beta$ -1,4-Glucanase (Cel5L) from sp. KD1014 in Thermostability and Small-Substrate Hydrolyzing Activity. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 2036-2045	3.3	1
53	Potent inhibition of monoamine oxidase A by decursin from <i>Angelica gigas</i> Nakai and by wogonin from <i>Scutellaria baicalensis</i> Georgi. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 97, 598-605	7.9	27
52	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> , <b>2017</b> , 121, 1186-1203	3.4	37
51	Selective inhibition of monoamine oxidase A by purpurin, an anthraquinone. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 1136-1140	2.9	17
50	Improvement of enzyme activity of $\beta$ -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> , <b>2017</b> , 101, 4073-4083	5.7	10
49	Enhancement of thermostability of <i>Bacillus subtilis</i> endoglucanase by error-prone PCR and DNA shuffling. <i>Applied Biological Chemistry</i> , <b>2017</b> , 60, 73-78	2.9	7
48	Monoamine oxidase inhibitory activity of methoxy-substituted chalcones. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1321-1329	7.9	41
47	Anti-oxidant behavior of functionalized chalcone-a combined quantum chemical and crystallographic structural investigation. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1146, 301-308	3.4	24

46	Refining the Structural Features of Chromones as Selective MAO-B Inhibitors: Exploration of Combined Pharmacophore-Based 3D-QSAR and Quantum Chemical Studies. <i>ChemistrySelect</i> , <b>2017</b> , 2, 11645-11652	1.8	13
45	Characterization of Thienylchalcones as hMAO-B Inhibitors: Synthesis, Biochemistry and Molecular Dynamics Studies. <i>ChemistrySelect</i> , <b>2017</b> , 2, 11113-11119	1.8	21
44	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> , <b>2017</b> , 104, 547-553	7.9	29
43	Structural Exploration of Synthetic Chromones as Selective MAO-B Inhibitors: A Mini Review. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2017</b> , 20, 522-532	1.3	20
42	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> , <b>2017</b> , 60, 257-263	0.7	3
41	Potent Selective Inhibition of Monoamine Oxidase A by Alternariol Monomethyl Ether Isolated from. <i>Journal of Microbiology and Biotechnology</i> , <b>2017</b> , 27, 316-320	3.3	11
40	Potent Inhibition of Monoamine Oxidase B by a Piloquinone from Marine-Derived sp. CNQ-027. <i>Journal of Microbiology and Biotechnology</i> , <b>2017</b> , 27, 785-790	3.3	21
39	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. <i>Journal of Saudi Chemical Society</i> , <b>2016</b> , 20, S426-S432	4.3	4
38	Identification of Indole-Based Chalcones: Discovery of a Potent, Selective, and Reversible Class of MAO-B Inhibitors. <i>Archiv Der Pharmazie</i> , <b>2016</b> , 349, 627-37	4.3	54
37	Potent and Selective Monoamine Oxidase-B Inhibitory Activity: Fluoro- vs. Trifluoromethyl-4-hydroxylated Chalcone Derivatives. <i>Chemistry and Biodiversity</i> , <b>2016</b> , 13, 1046-52	2.5	34
36	Synthesis, Biochemistry, and Computational Studies of Brominated Thienyl Chalcones: A New Class of Reversible MAO-B Inhibitors. <i>ChemMedChem</i> , <b>2016</b> , 11, 1161-71	3.7	49
35	Exploration of chlorinated thienyl chalcones: A new class of monoamine oxidase-B inhibitors. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 680-95	7.9	60
34	Monoamine Oxidase Inhibitors: Perspective Design for the Treatment of Depression and Neurological Disorders. <i>Current Enzyme Inhibition</i> , <b>2016</b> , 12, 115-122	0.5	24
33	Monoamine Oxidase Inhibitory Action of Chalcones: A Mini Review. <i>Central Nervous System Agents in Medicinal Chemistry</i> , <b>2016</b> , 16, 120-36	1.8	51
32	Characterization of a Novel Alkaline Family VIII Esterase with S-Enantiomer Preference from a Compost Metagenomic Library. <i>Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 26, 315-25	3.3	28
31	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> , <b>2016</b> , 59, 373-377	0.7	1
30	Monoamine Oxidase Inhibitory Activity: Methyl- versus Chlorochalcone Derivatives. <i>ChemMedChem</i> , <b>2016</b> , 11, 2649-2655	3.7	43
29	Potent selective monoamine oxidase B inhibition by maackiain, a pterocarpan from the roots of <i>Sophora flavescens</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 4714-4719	2.9	59

28	Development of fluorinated methoxylated chalcones as selective monoamine oxidase-B inhibitors: Synthesis, biochemistry and molecular docking studies. <i>Bioorganic Chemistry</i> , <b>2015</b> , 62, 22-9	5.1	59
27	Characterization of Novel Family IV Esterase and Family I.3 Lipase from an Oil-Polluted Mud Flat Metagenome. <i>Molecular Biotechnology</i> , <b>2015</b> , 57, 781-92	3	24
26	Characterization of a GH family 8 $\beta$ -1,3-1,4-glucanase with distinctive broad substrate specificity from <i>Paenibacillus</i> sp. X4. <i>Biotechnology Letters</i> , <b>2015</b> , 37, 643-55	3	15
25	Enhanced saccharification of reed and rice straws by the addition of $\beta$ -1,3-1,4-glucanase with broad substrate specificity and calcium ion <b>2015</b> , 58, 29-33		5
24	Development of Fluorinated Thienylchalcones as Monoamine Oxidase-B Inhibitors: Design, Synthesis, Biological Evaluation and Molecular Docking Studies. <i>Letters in Organic Chemistry</i> , <b>2015</b> , 12, 605-613	0.6	36
23	Inhibition of Monoamine Oxidase by Anithiactins from <i>Streptomyces</i> sp. <i>Journal of Microbiology and Biotechnology</i> , <b>2015</b> , 25, 1425-8	3.3	13
22	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> , <b>2015</b> , 25, 2024-33	3.3	4
21	Heteroaryl chalcones: Mini review about their therapeutic voyage. <i>Biomedicine and Preventive Nutrition</i> , <b>2014</b> , 4, 451-458		38
20	Plant secondary metabolites- potent inhibitors of monoamine oxidase isoforms. <i>Central Nervous System Agents in Medicinal Chemistry</i> , <b>2014</b> , 14, 28-33	1.8	26
19	Pyrazoline: a promising scaffold for the inhibition of monoamine oxidase. <i>Central Nervous System Agents in Medicinal Chemistry</i> , <b>2013</b> , 13, 195-206	1.8	28
18	Characterization of xyn10J, a novel family 10 xylanase from a compost metagenomic library. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 166, 1328-39	3.2	33
17	<i>Chitinibacter suncheonensis</i> sp. nov., a chitinolytic bacterium from a mud flat in Suncheon Bay. <i>Journal of Microbiology</i> , <b>2012</b> , 50, 1058-62	3	2
16	<i>Gangjinia marincola</i> gen. nov., sp. nov., a marine bacterium of the family Flavobacteriaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2011</b> , 61, 325-329	2.2	7
15	Molecular cloning and characterization of a novel family VIII alkaline esterase from a compost metagenomic library. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 393, 45-9	3.4	50
14	<i>Pseudomonas taeanensis</i> sp. nov., isolated from a crude oil-contaminated seashore. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2010</b> , 60, 2719-2723	2.2	13
13	Changes in the activity of the multifunctional beta-glycosyl hydrolase (Cel44C-Man26A) from <i>Paenibacillus polymyxa</i> by removal of the C-terminal region to minimum size. <i>Biotechnology Letters</i> , <b>2008</b> , 30, 1061-8	3	14
12	Cloning of two cellulase genes from endophytic <i>Paenibacillus polymyxa</i> GS01 and comparison with cel 44C-man 26A. <i>Journal of Basic Microbiology</i> , <b>2008</b> , 48, 464-72	2.7	31
11	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> , <b>2005</b> , 68, 46-52	5.7	11

10	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> , <b>2002</b> , 68, 3496-501	4.8	41
9	Activity enhancement of Cel5Z from <i>Pectobacterium chrysanthemi</i> PY35 by removing C-terminal region. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 291, 425-30	3.4	23
8	Cloning and expression of a <i>Clostridium thermocellum</i> xylanase gene in <i>Escherichia coli</i> . <i>IUBMB Life</i> , <b>1998</b> , 44, 283-92	4.7	8
7	Functional analysis of a hybrid endoglucanase of bacterial origin having a cellulose binding domain from a fungal exoglucanase. <i>Applied Biochemistry and Biotechnology</i> , <b>1998</b> , 75, 193-204	3.2	13
6	Inhibition of monoamine oxidase A by beta-carboline derivatives. <i>Archives of Biochemistry and Biophysics</i> , <b>1997</b> , 337, 137-42	4.1	211
5	Adsorption of <i>Bacillus subtilis</i> endo-beta-1,4-glucanase to cellulosic materials. <i>IUBMB Life</i> , <b>1997</b> , 41, 665-77	4.7	1
4	Expression and secretion of carboxymethyl cellulase in <i>Bacillus subtilis</i> by <i>Lactobacillus casei</i> lactate dehydrogenase gene promoter. <i>Biotechnology Letters</i> , <b>1997</b> , 19, 27-29	3	1
3	Imobilization of $\beta$ -glucosidase using the cellulose-binding domain of <i>Bacillus subtilis</i> endo- $\beta$ -1,4-glucanase. <i>Biotechnology Letters</i> , <b>1997</b> , 19, 483-486	3	6
2	Cleavage of <i>Bacillus subtilis</i> endo- $\beta$ -1,4-glucanase by <i>B. megaterium</i> protease. <i>Biotechnology Letters</i> , <b>1993</b> , 15, 127-132	3	4
1	Endo- $\beta$ -1,4-glucanase encoded by <i>Bacillus subtilis</i> gene cloned in <i>Bacillus megaterium</i> . <i>Enzyme and Microbial Technology</i> , <b>1988</b> , 10, 347-351	3.8	14