

Hirokazu Kawagishi

List of Publications by Year in descending order

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135
papers

4,060
citations

136740

32
h-index

138251

58
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136
all docs

136
docs citations

136
times ranked

2479
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethanol fermentation by saprotrophic white-rot fungus <i>Phanerochaete sordida</i> YK-624 during wood decay as a system for short-term resistance to hypoxic conditions. <i>Journal of Bioscience and Bioengineering</i> , 2022, 133, 64-69.	1.1	3
2	The Fairy Chemical Imidazole-4-carboxamide Inhibits the Expression of Axl, PD-L1, and PD-L2 and Improves Response to Cisplatin in Melanoma. <i>Cells</i> , 2022, 11, 374.	1.8	7
3	1,2,3-Triazine formation mechanism of the fairy chemical 2-azahypoxanthine in the fairy ring-forming fungus <i>Lepista sordida</i> . <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2636-2642.	1.5	6
4	A new lanostane triterpenoid from the mushroom <i>Hypholoma fasciculare</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2022, , .	0.6	0
5	The complete mitochondrial genome sequence of the fairy ring-forming fungus <i>Lepista sordida</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2022, 7, 712-714.	0.2	1
6	Study on Secondary Metabolites of Endophytic Fungus, <i>Aspergillus fumigatus</i> , from <i>Crocus sativus</i> L. Guided by UHPLC-HRMS/MS-Based Molecular Network. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-11.	0.4	2
7	White-rot fungus <i>Phanerochaete chrysosporium</i> metabolizes chloropyridinyl-type neonicotinoid insecticides by an N-dealkylation reaction catalyzed by two cytochrome P450s. <i>Journal of Hazardous Materials</i> , 2021, 402, 123831.	6.5	34
8	Safety evaluation of 2-aza-8-oxohypoxanthine by <i>in vitro</i> skin sensitization and human tests. <i>Fundamental Toxicological Sciences</i> , 2021, 8, 123-133.	0.2	4
9	Chemical studies on bioactive compounds related to higher fungi. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1-7.	0.6	7
10	<i>S</i> -Adenosylhomocysteine Analogue of a Fairy Chemical, Imidazole-4-carboxamide, as its Metabolite in Rice and Yeast and Synthetic Investigations of Related Compounds. <i>Journal of Natural Products</i> , 2021, 84, 453-458.	1.5	4
11	The Potential of 2-aza-8-Oxohypoxanthine as a Cosmetic Ingredient. <i>Cosmetics</i> , 2021, 8, 60.	1.5	5
12	Transcriptomics analysis reveals the high biodegradation efficiency of white-rot fungus <i>Phanerochaete sordida</i> YK-624 on native lignin. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 253-257.	1.1	7
13	Improvement of saccharide yield from wood by simultaneous enzymatic delignification and saccharification using a ligninolytic enzyme and cellulase. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 213-219.	1.1	7
14	Clinical Evaluation of Topical Lotion Containing 2-Aza-8-Oxohypoxanthine on Skin Barrier Function against Water Loss. <i>Cosmetics</i> , 2021, 8, 83.	1.5	4
15	Draft Genome Sequence of the White-Rot Fungus <i>Phanerochaete sordida</i> YK-624. <i>Microbiology Resource Announcements</i> , 2021, 10, e0084221.	0.3	4
16	An efficient heterologous <i>Escherichia coli</i> -based expression system for lectin production from <i>Pleurocybella porrigens</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 630-633.	0.6	2
17	Self-fusion and fusion cell isolation of transformants derived from white rot fungus <i>Phanerochaete sordida</i> YK-624 by simple visual method. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 146-149.	1.1	1
18	A Fairy Chemical Suppresses Retinal Angiogenesis as a HIF Inhibitor. <i>Biomolecules</i> , 2020, 10, 1405.	1.8	18

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19	Plant growth regulators from mushrooms. <i>Journal of Antibiotics</i> , 2020, 73, 657-665.	1.0	7
20	Bitter compounds in two <i>Tricholoma</i> species, <i>T. aestuans</i> and <i>T. virgatum</i> . <i>Journal of Antibiotics</i> , 2020, 73, 697-701.	1.0	0
21	Biosynthesis of the Fairy Chemicals, 2-Azahypoxanthine and Imidazole-4-carboxamide, in the Fairy Ring-Forming Fungus <i>Lepista sordida</i> . <i>Journal of Natural Products</i> , 2020, 83, 2469-2476.	1.5	14
22	Axl and immune checkpoints inhibitors from fruiting bodies of <i>Pleurocybella porrigens</i> . <i>Journal of Antibiotics</i> , 2020, 73, 733-736.	1.0	5
23	Plant growth regulators and Axl and immune checkpoint inhibitors from the edible mushroom <i>Leucopaxillus giganteus</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 1332-1338.	0.6	13
24	A <i>Staphylococcus</i> pro-apoptotic peptide induces acute exacerbation of pulmonary fibrosis. <i>Nature Communications</i> , 2020, 11, 1539.	5.8	43
25	Inhibition of cholesteryl ester synthesis by polyacetylenes from <i>Atractylodes</i> rhizome. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126997.	1.0	5
26	Biomimetic Synthesis of Chaxine and its Related Compounds. <i>Journal of Organic Chemistry</i> , 2020, 85, 4848-4860.	1.7	5
27	Effects of imidazole-4-carboxamide and 2-azahypoxanthine on the growth and ectomycorrhizal colonization of <i>Pinus densiflora</i> seedlings inoculated with <i>Tricholoma matsutake</i> . <i>Mycoscience</i> , 2020, 61, 259-263.	0.3	1
28	Medicinal Mushroom, <i>Grifola gargal</i> (Agaricomycetes), Lowers Triglyceride in Animal Models of Obesity and Diabetes and in Adults with Prediabetes. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 79-91.	0.9	3
29	Safety evaluation of 2-aza-8-oxohypoxanthine based on <i>in vitro</i> and human patch tests. <i>Fundamental Toxicological Sciences</i> , 2020, 7, 207-214.	0.2	6
30	A Fairy Chemical, Imidazole-4-carboxamide, is Produced on a Novel Purine Metabolic Pathway in Rice. <i>Scientific Reports</i> , 2019, 9, 9899.	1.6	19
31	Biotransformation and detoxification of the neonicotinoid insecticides nitenpyram and dinotefuran by <i>Phanerochaete sordida</i> YK-624. <i>Environmental Pollution</i> , 2019, 252, 856-862.	3.7	48
32	Ribosides and Ribotide of a Fairy Chemical, Imidazole-4-carboxamide, as Its Metabolites in Rice. <i>Organic Letters</i> , 2019, 21, 7841-7845.	2.4	7
33	Efficient Reconstitution of Basidiomycota Diterpene Erinacine Gene Cluster in Ascomycota Host <i>Aspergillus oryzae</i> Based on Genomic DNA Sequences. <i>Journal of the American Chemical Society</i> , 2019, 141, 15519-15523.	6.6	60
34	Array of Metabolites in Italian <i>Herichium erinaceus</i> Mycelium, Primordium, and Sporophore. <i>Molecules</i> , 2019, 24, 3511.	1.7	24
35	The complete mitochondrial genome sequence of the edible mushroom <i>Stropharia rugosoannulata</i> (Strophariaceae, Basidiomycota). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 570-572.	0.2	3
36	Effect on growth, sugar consumption, and aerobic ethanol fermentation of homologous expression of the sugar transporter gene <i>Pshxt1</i> in the white rot fungus <i>Phanerochaete sordida</i> YK-624. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 537-543.	1.1	6

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37	Genome sequence analysis of the fairy ring-forming fungus <i>Lepista sordida</i> and gene candidates for interaction with plants. <i>Scientific Reports</i> , 2019, 9, 5888.	1.6	15
38	Erinachromanes A and B and Erinaphenol A from the Culture Broth of <i>Hericium erinaceus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3134-3139.	2.4	8
39	Are fairy chemicals a new family of plant hormones?. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2019, 95, 29-38.	1.6	33
40	Identification of the cytochrome P450 involved in the degradation of neonicotinoid insecticide acetamiprid in <i>Phanerochaete chrysosporium</i> . <i>Journal of Hazardous Materials</i> , 2019, 371, 494-498.	6.5	47
41	<i>Hericium erinaceus</i> Improves Recognition Memory and Induces Hippocampal and Cerebellar Neurogenesis in Frail Mice during Aging. <i>Nutrients</i> , 2019, 11, 715.	1.7	39
42	Structural investigation of α -L-fucosidase from the pancreas of <i>Patiria pectinifera</i> , based on molecular cloning. <i>Carbohydrate Research</i> , 2019, 475, 27-33.	1.1	7
43	Effects of Glucose Concentration on Ethanol Fermentation of White-Rot Fungus <i>Phanerochaete sordida</i> YK-624 Under Aerobic Conditions. <i>Current Microbiology</i> , 2019, 76, 263-269.	1.0	7
44	Science of fairy chemicals and the possibility of application of them to agriculture. <i>Japanese Journal of Pesticide Science</i> , 2019, 44, 174-180.	0.0	0
45	Fairy chemicals – a candidate for a new family of plant hormones and possibility of practical use in agriculture*. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 752-758.	0.6	35
46	Functional characterization of the manganese transporter <i>smf2</i> homologue gene, <i>PsMnt</i> , of <i>Phanerochaete sordida</i> YK-624 via homologous overexpression. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	7
47	<i>N</i> -Glucosides of Fairy Chemicals, 2-Azahypoxanthine and 2-Aza-8-oxohypoxanthine, in Rice. <i>Organic Letters</i> , 2018, 20, 312-314.	2.4	20
48	Bioactive compounds from the edible mushroom <i>Cortinarius caperatus</i> . <i>Mycoscience</i> , 2018, 59, 172-175.	0.3	7
49	Discovery of Plant Growth Stimulants by ^3H Arylation of 2-Azahypoxanthine. <i>Organic Letters</i> , 2018, 20, 5684-5687.	2.4	15
50	Synthesis of double- ^{13}C -labeled imidazole derivatives. <i>Tetrahedron Letters</i> , 2018, 59, 3516-3518.	0.7	15
51	A novel plant growth regulator from <i>Pholiota lubrica</i> . <i>Tetrahedron Letters</i> , 2018, 59, 2559-2561.	0.7	9
52	Plant growth regulators from the fruiting bodies of <i>Tricholoma flavovirens</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 441-444.	0.6	6
53	Biomimetic Synthesis and Structural Revision of Chaxine B and Its Analogues. <i>Organic Letters</i> , 2017, 19, 560-563.	2.4	13
54	Cytotoxic compounds against cancer cells from <i>Bombyx mori</i> inoculated with <i>Cordyceps militaris</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1224-1226.	0.6	7

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55	Gram-Scale, Stereoselective Synthesis and Biological Evaluation of (+)-Armillariol C. <i>Journal of Natural Products</i> , 2017, 80, 2561-2565.	1.5	31
56	Plant growth inhibitors from the culture broth of fairy ring-forming fungus <i>Lepista sordida</i> . <i>Mycoscience</i> , 2017, 58, 387-390.	0.3	5
57	Plant growth regulators from the edible mushroom <i>Leccinum extremiorientale</i> . <i>Mycoscience</i> , 2017, 58, 383-386.	0.3	6
58	Bioremediation of the neonicotinoid insecticide clothianidin by the white-rot fungus <i>Phanerochaete sordida</i> . <i>Journal of Hazardous Materials</i> , 2017, 321, 586-590.	6.5	68
59	Effect of the Medicinal Mushroom, <i>Grifola gargal</i> (Agaricomycetes), on Bone Turnover Markers and Serum Lipids in Middle-Aged and Elderly Japanese Women. <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 1-7.	0.9	3
60	Inhibition of neutrophil superoxide generation by shikonin is associated with suppression of cellular Ca ²⁺ fluxes. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2016, 59, 1-9.	0.6	8
61	Analysis of ethanol fermentation mechanism of ethanol producing white-rot fungus <i>Phlebia</i> sp. MG-60 by RNA-seq. <i>BMC Genomics</i> , 2016, 17, 616.	1.2	20
62	The biosynthetic pathway of 2-azahypoxanthine in fairy-ring forming fungus. <i>Scientific Reports</i> , 2016, 6, 39087.	1.6	23
63	Analysis of the aplyronine A-induced protein-protein interaction between actin and tubulin by surface plasmon resonance. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2809-2814.	1.4	10
64	Direct lactic acid production from beech wood by transgenic white-rot fungus <i>Phanerochaete sordida</i> YK-624. <i>Journal of Biotechnology</i> , 2016, 239, 83-89.	1.9	21
65	Bioconversion of AHX to AOH by resting cells of <i>Burkholderia contaminans</i> CH-1. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 2045-2050.	0.6	20
66	Effects of Homologous Expression of 1,4-Benzoquinone Reductase and Homogentisate 1,2-Dioxygenase Genes on Wood Decay in Hyper-Lignin-Degrading Fungus <i>Phanerochaete sordida</i> YK-624. <i>Current Microbiology</i> , 2016, 73, 512-518.	1.0	11
67	Plant growth regulatory compounds from the mushroom <i>Russula vinosa</i> . <i>Mycoscience</i> , 2016, 57, 404-407.	0.3	5
68	Oxidative <i>trans</i> to <i>cis</i> Isomerization of Olefins in Polyketide Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6207-6210.	7.2	23
69	Improvement of ethanol production by recombinant expression of pyruvate decarboxylase in the white-rot fungus <i>Phanerochaete sordida</i> YK-624. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 17-21.	1.1	10
70	Molecular breeding of lignin-degrading brown-rot fungus <i>Gloeophyllum trabeum</i> by homologous expression of laccase gene. <i>AMB Express</i> , 2015, 5, 81.	1.4	17
71	Effect of 2-Azahypoxanthine (AHX) Produced by the Fairy-Ring-Forming Fungus on the Growth and the Grain Yield of Rice. <i>Japan Agricultural Research Quarterly</i> , 2015, 49, 45-49.	0.1	34
72	Bioactive Sesquiterpene Aryl Esters from the Culture Broth of <i>Armillaria</i> sp.. <i>Journal of Natural Products</i> , 2015, 78, 163-167.	1.5	37

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73	Improving xylitol production through recombinant expression of xylose reductase in the white-rot fungus <i>Phanerochaete sordida</i> YK-624. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 6-8.	1.1	5
74	Genome Sequence of a Novel Iflavirus from mRNA Sequencing of the Pupa of <i>Bombyx mori</i> Inoculated with <i>Cordyceps militaris</i> . <i>Genome Announcements</i> , 2015, 3, .	0.8	9
75	Fairy Chemicals, 2-Azahypoxanthine and 2-Aza-8-oxohypoxanthine, Regulate Carotenoid Accumulation in Citrus Juice Sacs <i>in Vitro</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 7230-7235.	2.4	8
76	Thapsigargin-induced ER stress suppressive compounds from the mushroom <i>Mycoleptodonoides aitchisonii</i> . <i>Tetrahedron Letters</i> , 2015, 56, 5561-5563.	0.7	2
77	Erinaceolactones A to C, from the Culture Broth of <i>Hericium erinaceus</i> . <i>Journal of Natural Products</i> , 2015, 78, 155-158.	1.5	32
78	A-WINGS: an integrated genome database for <i>Pleurocybella porrigens</i> (Angel's wing oyster mushroom,) <i>Trends in Microbiology</i> , 2015, 23, 100-107.	0.6	7
79	Metabolism of bisphenol A by hyper lignin-degrading fungus <i>Phanerochaete sordida</i> YK-624 under non-ligninolytic condition. <i>Chemosphere</i> , 2014, 109, 128-133.	4.2	15
80	2-Azahypoxanthine and imidazole-4-carboxamide produced by the fairy-ring-forming fungus increase wheat yield. <i>Field Crops Research</i> , 2014, 162, 6-11.	2.3	40
81	The Source of "Fairy Rings" 2-Azahypoxanthine and its Metabolite Found in a Novel Purine Metabolic Pathway in Plants. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1552-1555.	7.2	56
82	Practical synthesis of natural plant-growth regulator 2-azahypoxanthine, its derivatives, and biotin-labeled probes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3813-3815.	1.5	30
83	Endoplasmic Reticulum Stress Suppressive Compounds from the Edible Mushroom <i>Mycoleptodonoides aitchisonii</i> . <i>Journal of Natural Products</i> , 2014, 77, 1729-1733.	1.5	19
84	A new compound from the mushroom <i>Tricholoma flavovirens</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 755-757.	0.6	6
85	Heterologous expression of a lectin from <i>Pleurocybella porrigens</i> (PPL) in <i>Phanerochaete sordida</i> YK-624. <i>Journal of Microbiological Methods</i> , 2014, 100, 70-76.	0.7	13
86	Fomiroid A, a Novel Compound from the Mushroom <i>Fomitopsis nigra</i> , Inhibits NPC1L1-Mediated Cholesterol Uptake via a Mode of Action Distinct from That of Ezetimibe. <i>PLoS ONE</i> , 2014, 9, e116162.	1.1	10
87	An unusual sterol from the mushroom <i>Stropharia rugosoannulata</i> . <i>Tetrahedron Letters</i> , 2013, 54, 4900-4902.	0.7	15
88	Armillariols A to C from the culture broth of <i>Armillaria</i> sp.. <i>Tetrahedron Letters</i> , 2013, 54, 5481-5483.	0.7	12
89	Isolation of Bioactive Steroids from the <i>Stropharia rugosoannulata</i> Mushroom and Absolute Configuration of Strophasterol B. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1779-1781.	0.6	32
90	A Novel Core Fucose-specific Lectin from the Mushroom <i>Pholiota squarrosa</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 33973-33982.	1.6	101

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91	Strophasterols A to D with an Unprecedented Steroid Skeleton: From the Mushroom <i>Stropharia rugosoannulata</i> . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10820-10822.	7.2	50
92	Agrocybynes A-E from the culture broth of <i>Agrocybe praecox</i> . <i>Tetrahedron</i> , 2012, 68, 1262-1265.	1.0	12
93	Proof of the Existence of an Unstable Amino Acid: Pleurocybellaziridine in <i>Pleurocybella porrigens</i> . <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1168-1170.	7.2	32
94	Extract of the mushroom <i>Mycleptodonoides aitchisonii</i> induces a series of anti-oxidative and phase II detoxifying enzymes through activation of the transcription factor Nrf2. <i>Food Chemistry</i> , 2011, 129, 92-99.	4.2	15
95	Leccinine A, an endoplasmic reticulum stress-suppressive compound from the edible mushroom <i>Leccinum extremorientale</i> . <i>Tetrahedron</i> , 2011, 67, 6649-6653.	1.0	17
96	Functional-Food Constituents in the Fruiting Bodies of <i>Stropharia rugosoannulata</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1631-1634.	0.6	31
97	Disclosure of the "Fairy" of Fairy Ring Forming Fungus <i>Lepista sordida</i> . <i>ChemBioChem</i> , 2010, 11, 1373-1377.	1.3	77
98	Unusual amino acid derivatives from the mushroom <i>Pleurocybella porrigens</i> . <i>Tetrahedron</i> , 2010, 66, 504-507.	1.0	26
99	Plant-Growth Regulator, Imidazole-4-Carboxamide, Produced by the Fairy Ring Forming Fungus <i>Lepista sordida</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9956-9959.	2.4	76
100	Termitomycamides A to E, Fatty Acid Amides Isolated from the Mushroom <i>Termitomyces titanicus</i> , Suppress Endoplasmic Reticulum Stress. <i>Organic Letters</i> , 2010, 12, 5012-5015.	2.4	26
101	Suppressing the Formation of Osteoclasts Using Bioactive Components of the Edible Mushroom <i>Leccinum extremorientale</i> (L Vass.) Singer (Agaricomycetidae). <i>International Journal of Medicinal Mushrooms</i> , 2010, 12, 401-406.	0.9	6
102	Endoplasmic Reticulum (ER) Stress-Suppressive Compounds from Scrap Cultivation Beds of the Mushroom <i>Herichium erinaceum</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 1908-1910.	0.6	24
103	Chaxines B, C, D, and E from the edible mushroom <i>Agrocybe chaxingu</i> . <i>Tetrahedron</i> , 2009, 65, 9850-9853.	1.0	34
104	Endoplasmic reticulum (ER) stress protecting compounds from the mushroom <i>Mycleptodonoides aitchisonii</i> . <i>Tetrahedron</i> , 2009, 65, 221-224.	1.0	22
105	Purification, Characterization, and cDNA Cloning of a Lectin from the Mushroom <i>Pleurocybella porrigens</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 702-709.	0.6	43
106	An endoplasmic reticulum (ER) stress-suppressive compound and its analogues from the mushroom <i>Herichium erinaceum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9467-9470.	1.4	66
107	Isolation and characterization of lectins from the AG-D group of binucleate <i>Rhizoctonia</i> species. <i>Journal of General Plant Pathology</i> , 2007, 73, 235-241.	0.6	6
108	Bioactive Compounds from Mushrooms. <i>Heterocycles</i> , 2007, 72, 45.	0.4	15

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109	Chaxine A, an Osteoclast-Forming Suppressing Substance, from the Mushroom <i>Agrocybe chaxingu</i> . <i>Heterocycles</i> , 2006, 69, 253.	0.4	30
110	Dilinoleoyl-phosphatidylethanolamine from <i>Herichium erinaceum</i> protects against ER stress-dependent Neuro2a cell death via protein kinase C pathway. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 525-530.	1.9	65
111	Erinacines J and K from the mycelia of <i>Herichium erinaceum</i> . <i>Tetrahedron</i> , 2006, 62, 8463-8466.	1.0	74
112	Erinacine A increases catecholamine and nerve growth factor content in the central nervous system of rats. <i>Nutrition Research</i> , 2005, 25, 617-623.	1.3	94
113	Growth Promotion of Mycelia of the Matsutake Mushroom <i>Tricholoma matsutake</i> by D-Isoleucine. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 2405-2407.	0.6	19
114	Lectin Variation in Members of <i>Rhizoctonia</i> Species. <i>Microbes and Environments</i> , 2004, 19, 227-235.	0.7	5
115	Novel Hydroquinone as a Matrix Metallo-proteinase Inhibitor from the Mushroom, <i>Piptoporus betulinus</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 2748-2750.	0.6	18
116	Aldehyde Dehydrogenase Inhibitors from the Mushroom <i>Clitocybe clavipes</i> . <i>Journal of Natural Products</i> , 2002, 65, 1712-1714.	1.5	32
117	Liver Injury Suppressing Compounds from Avocado (<i>Persea americana</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2215-2221.	2.4	73
118	Two Novel Diterpenoids, Erinacines H and I from the Mycelia of <i>Herichium erinaceum</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2000, 64, 2402-2405.	0.6	145
119	Crystal Structure of 2-(1-(2,4-Dinitrobenzoyloxy)ethyl)-3-methyl-4-butanolide. <i>Analytical Sciences</i> , 1998, 14, 867-868.	0.8	1
120	Erinacines E, F, and G, stimulators of nerve growth factor (NGF)-synthesis, from the mycelia of <i>Herichium erinaceum</i> . <i>Tetrahedron Letters</i> , 1996, 37, 7399-7402.	0.7	188
121	ERINACINE D, A STIMULATOR OF NGF-SYNTHESIS, FROM THE MYCELIA OF <i>HERICIUM ERINACEUM</i> . <i>Heterocyclic Communications</i> , 1996, 2, .	0.6	87
122	Enzymic synthesis of lacto-N-triose II and its positional analogues. <i>Glycoconjugate Journal</i> , 1995, 12, 664-671.	1.4	22
123	Mushroom lectins. <i>Food Reviews International</i> , 1995, 11, 63-68.	4.3	28
124	N-Acetylglucosaminyl Disaccharide and Trisaccharide Formation Through Lysozyme-Catalyzed Transfer Reaction. <i>Journal of Carbohydrate Chemistry</i> , 1995, 14, 213-225.	0.4	23
125	Reishi, <i>Ganoderma lucidum</i> and <i>Ganoderma tsugae</i> : Bioactive substances and medicinal effects. <i>Food Reviews International</i> , 1995, 11, 151-166.	4.3	127
126	Antitumor active substances from mushrooms. <i>Food Reviews International</i> , 1995, 11, 23-61.	4.3	152

#	ARTICLE	IF	CITATIONS
127	Inhibitory Activity of (9R,10S,12Z)-9,10-Dihydroxy-8-oxo-octadecenoic Acid, Its C-9 Epimer and Their Derivatives toward the Growth of Tea Pollen Tubes. <i>Bioscience, Biotechnology and Biochemistry</i> , 1995, 59, 1562-1563.	0.6	0
128	Hypocholesterolemic Action of Dietary Grifolin on Rats Fed with a High-cholesterol Diet. <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 211-212.	0.6	9
129	Erinacines A, B and C, strong stimulators of nerve growth factor (NGF)-synthesis, from the mycelia of <i>Hericium erinaceum</i> . <i>Tetrahedron Letters</i> , 1994, 35, 1569-1572.	0.7	283
130	A sialic acid-binding lectin from the mushroom <i>Hericium erinaceum</i> . <i>FEBS Letters</i> , 1994, 340, 56-58.	1.3	95
131	Antimicrobial chlorinated orcinol derivatives from mycelia of <i>Hericium erinaceum</i> . <i>Phytochemistry</i> , 1993, 34, 1445-1446.	1.4	62
132	Erinapyrones A and B from the Cultured Mycelia of <i>Hericium erinaceum</i> . <i>Chemistry Letters</i> , 1992, 21, 2475-2476.	0.7	19
133	Chromans, hericenones F, G and H from the mushroom <i>Hericium erinaceum</i> . <i>Phytochemistry</i> , 1992, 32, 175-178.	1.4	100
134	Hericenones C, D and E, stimulators of nerve growth factor (NGF)-synthesis, from the mushroom <i>Hericium erinaceum</i> . <i>Tetrahedron Letters</i> , 1991, 32, 4561-4564.	0.7	163
135	Hericenone A and B as cytotoxic principles from the mushroom. <i>Tetrahedron Letters</i> , 1990, 31, 373-376.	0.7	129