Hirokazu Kawagishi

List of Publications by Year
in descending order

135 papers	4,060 citations	136740 32 h-index	138251 58 g-index
136 all docs	136 docs citations	136 times ranked	2479 citing authors

#	Article	IF	Citations
1	Erinacines A, B and C, strong stimulators of nerve growth factor (NGF)-synthesis, from the mycelia of Hericium erinaceum. Tetrahedron Letters, 1994, 35, 1569-1572.	0.7	283
2	Erinacines E, F, and G, stimulators of nerve growth factor (NGF)-synthesis, from the mycelia of Hericium erinaceum. Tetrahedron Letters, 1996, 37, 7399-7402.	0.7	188
3	Hericenones C, D and E, stimulators of nerve growth factor (NGF)-synthesis, from the mushroom Hericium erinaceum. Tetrahedron Letters, 1991, 32, 4561-4564.	0.7	163
4	Antitumorâ€active substances from mushrooms. Food Reviews International, 1995, 11, 23-61.	4.3	152
5	Two Novel Diterpenoids, Erinacines H and I from the Mycelia of Hericium erinaceum. Bioscience, Biotechnology and Biochemistry, 2000, 64, 2402-2405.	0.6	145
6	Hericenone A and B as cytotoxic principles from the mushroom. Tetrahedron Letters, 1990, 31, 373-376.	0.7	129
7	Reishi,Ganoderma lucidumandGanoderma tsugae: Bioactive substances and medicinal effects. Food Reviews International, 1995, 11, 151-166.	4.3	127
8	A Novel Core Fucose-specific Lectin from the Mushroom Pholiota squarrosa. Journal of Biological Chemistry, 2012, 287, 33973-33982.	1.6	101
9	Chromans, hericenones F, G and H from the mushroom Hericium erinaceum. Phytochemistry, 1992, 32, 175-178.	1.4	100
10	A sialic acid-binding lectin from the mushroomHericium erinaceum. FEBS Letters, 1994, 340, 56-58.	1.3	95
11	Erinacine A increases catecholamine and nerve growth factor content in the central nervous system of rats. Nutrition Research, 2005, 25, 617-623.	1.3	94
12	ERINACINE D, A STIMULATOR OF NGF-SYNTHESIS, FROM THE MYCELIA OF HERICIUM ERINACEUM. Heterocyclic Communications, 1996, 2, .	0.6	87
13	Disclosure of the â€œFairyâ€•of Fairyâ€Ringâ€Forming Fungus Lepista sordida. ChemBioChem, 2010, 11, 1373-1377.	1.3	77
14	Plant-Growth Regulator, Imidazole-4-Carboxamide, Produced by the Fairy Ring Forming Fungus Lepista sordida. Journal of Agricultural and Food Chemistry, 2010, 58, 9956-9959.	2.4	76
15	Erinacines J and K from the mycelia of Hericium erinaceum. Tetrahedron, 2006, 62, 8463-8466.	1.0	74
16	Liver Injury Suppressing Compounds from Avocado (Persea americana). Journal of Agricultural and Food Chemistry, 2001, 49, 2215-2221.	2.4	73
17	Bioremediation of the neonicotinoid insecticide clothianidin by the white-rot fungus Phanerochaete sordida. Journal of Hazardous Materials, 2017, 321, 586-590.	6.5	68
18	An endoplasmic reticulum (ER) stress-suppressive compound and its analogues from the mushroom Hericium erinaceum. Bioorganic and Medicinal Chemistry, 2008, 16, 9467-9470.	1.4	66

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19	Dilinoleoyl-phosphatidylethanolamine from Hericium erinaceum protects against ER stress-dependent Neuro2a cell death via protein kinase C pathway. Journal of Nutritional Biochemistry, 2006, 17, 525-530.	1.9	65
20	Antimicrobial chlorinated orcinol derivatives from mycelia of Hericium erinaceum. Phytochemistry, 1993, 34, 1445-1446.	1.4	62
21	Efficient Reconstitution of Basidiomycota Diterpene Erinacine Gene Cluster in Ascomycota Host Aspergillus oryzae Based on Genomic DNA Sequences. Journal of the American Chemical Society, 2019, 141, 15519-15523.	6.6	60
22	The Source of â€œFairy Ringsâ€• 2-Azahypoxanthine and its Metabolite Found in a Novel Purine Metabolic Pathway in Plants. Angewandte Chemie - International Edition, 2014, 53, 1552-1555.	7.2	56
23	Strophasterolsâ€…A to D with an Unprecedented Steroid Skeleton: From the Mushroom Stropharia rugosoannulata. Angewandte Chemie - International Edition, 2012, 51, 10820-10822.	7.2	50
24	Biotransformation and detoxification of the neonicotinoid insecticides nitenpyram and dinotefuran by Phanerochaete sordida YK-624. Environmental Pollution, 2019, 252, 856-862.	3.7	48
25	Identification of the cytochrome P450 involved in the degradation of neonicotinoid insecticide acetamiprid in Phanerochaete chrysosporium. Journal of Hazardous Materials, 2019, 371, 494-498.	6.5	47
26	Purification, Characterization, and cDNA Cloning of a Lectin from the MushroomPleurocybella porrigens. Bioscience, Biotechnology and Biochemistry, 2009, 73, 702-709.	0.6	43
27	A Staphylococcus pro-apoptotic peptide induces acute exacerbation of pulmonary fibrosis. Nature Communications, 2020, 11, 1539.	5.8	43
28	2-Azahypoxanthine and imidazole-4-carboxamide produced by the fairy-ring-forming fungus increase wheat yield. Field Crops Research, 2014, 162, 6-11.	2.3	40
29	Hericium erinaceus Improves Recognition Memory and Induces Hippocampal and Cerebellar Neurogenesis in Frail Mice during Aging. Nutrients, 2019, 11, 715.	1.7	39
30	Bioactive Sesquiterpene Aryl Esters from the Culture Broth of Armillaria sp.. Journal of Natural Products, 2015, 78, 163-167.	1.5	37
31	Fairy chemicals â€“ a candidate for a new family of plant hormones and possibility of practical use in agriculture*. Bioscience, Biotechnology and Biochemistry, 2018, 82, 752-758.	0.6	35
32	Chaxines B, C, D, and E from the edible mushroom Agrocybe chaxingu. Tetrahedron, 2009, 65, 9850-9853.	1.0	34
33	Effect of 2-Azahypoxanthine (AHX) Produced by the Fairy-Ring-Forming Fungus on the Growth and the Grain Yield of Rice. Japan Agricultural Research Quarterly, 2015, 49, 45-49.	0.1	34
34	White-rot fungus Phanerochaete chrysosporium metabolizes chloropyridinyl-type neonicotinoid insecticides by an N-dealkylation reaction catalyzed by two cytochrome P450s. Journal of Hazardous Materials, 2021, 402, 123831.	6.5	34
35	Are fairy chemicals a new family of plant hormones?. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2019, 95, 29-38.	1.6	33
36	Aldehyde Dehydrogenase Inhibitors from the Mushroom Clitocybe clavipes. Journal of Natural Products, 2002, 65, 1712-1714.	1.5	32

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37	Proof of the Existence of an Unstable Amino Acid: Pleurocybellaziridine in Pleurocybella porrigens. Angewandte Chemie - International Edition, 2011, 50, 1168-1170.	7.2	32
38	Isolation of Bioactive Steroids from theStropharia rugosoannulataMushroom and Absolute Configuration of Strophasterol B. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1779-1781.	0.6	32
39	Erinaceolactones A to C, from the Culture Broth of Hericium erinaceus. Journal of Natural Products, 2015, 78, 155-158.	1.5	32
40	Functional-Food Constituents in the Fruiting Bodies ofStropharia rugosoannulata. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1631-1634.	0.6	31
41	Gram-Scale, Stereoselective Synthesis and Biological Evaluation of (+)-Armillariol C. Journal of Natural Products, 2017, 80, 2561-2565.	1.5	31
42	Chaxine A, an Osteoclast-Forming Suppressing Substance, from the Mushroom Agrocybe chaxingu. Heterocycles, 2006, 69, 253.	0.4	30
43	Practical synthesis of natural plant-growth regulator 2-azahypoxanthine, its derivatives, and biotin-labeled probes. Organic and Biomolecular Chemistry, 2014, 12, 3813-3815.	1.5	30
44	Mushroom lectins. Food Reviews International, 1995, 11, 63-68.	4.3	28
45	Unusual amino acid derivatives from the mushroom Pleurocybella porrigens. Tetrahedron, 2010, 66, 504-507.	1.0	26
46	Termitomycamides A to E, Fatty Acid Amides Isolated from the Mushroom Termitomyces titanicus, Suppress Endoplasmic Reticulum Stress. Organic Letters, 2010, 12, 5012-5015.	2.4	26
47	Endoplasmic Reticulum (ER) Stress-Suppressive Compounds from Scrap Cultivation Beds of the MushroomHericium erinaceum. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1908-1910.	0.6	24
48	Array of Metabolites in Italian Hericium erinaceus Mycelium, Primordium, and Sporophore. Molecules, 2019, 24, 3511.	1.7	24
49	N-Acetylglucosaminyl Disaccharide and Trisaccharide Formation Through Lysozyme-Catalyzed Transfer Reaction. Journal of Carbohydrate Chemistry, 1995, 14, 213-225.	0.4	23
50	The biosynthetic pathway of 2-azahypoxanthine in fairy-ring forming fungus. Scientific Reports, 2016, 6, 39087.	1.6	23
51	Oxidative trans to cis Isomerization of Olefins in Polyketide Biosynthesis. Angewandte Chemie - International Edition, 2016, 55, 6207-6210.	7.2	23
52	Enzymic synthesis of lacto-N-triose II and its positional analogues. Glycoconjugate Journal, 1995, 12, 664-671.	1.4	22
53	Endoplasmic reticulum (ER) stress protecting compounds from the mushroom Mycoleptodonoides aitchisonii. Tetrahedron, 2009, 65, 221-224.	1.0	22
54	Direct lactic acid production from beech wood by transgenic white-rot fungus Phanerochaete sordida YK-624. Journal of Biotechnology, 2016, 239, 83-89.	1.9	21

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55	Analysis of ethanol fermentation mechanism of ethanol producing white-rot fungus Phlebia sp. MG-60 by RNA-seq. BMC Genomics, 2016, 17, 616.	1.2	20
56	Bioconversion of AHX to AOH by resting cells of Burkholderia contaminans CH-1. Bioscience, Biotechnology and Biochemistry, 2016, 80, 2045-2050.	0.6	20
57	N-Glucosides of Fairy Chemicals, 2-Azahypoxanthine and 2-Aza-8-oxohypoxanthine, in Rice. Organic Letters, 2018, 20, 312-314.	2.4	20
58	Erinapyrones A and B from the Cultured Mycelia ofHericium erinaceum. Chemistry Letters, 1992, 21, 2475-2476.	0.7	19
59	Growth Promotion of Mycelia of the Matsutake MushroomTricholoma matsutakebyD-Isoleucine. Bioscience, Biotechnology and Biochemistry, 2004, 68, 2405-2407.	0.6	19
60	Endoplasmic Reticulum Stress Suppressive Compounds from the Edible Mushroom Mycoleptodonoides aitchisonii. Journal of Natural Products, 2014, 77, 1729-1733.	1.5	19
61	A Fairy Chemical, Imidazole-4-carboxamide, is Produced on a Novel Purine Metabolic Pathway in Rice. Scientific Reports, 2019, 9, 9899.	1.6	19
62	Novel Hydroquinone as a Matrix Metallo-proteinase Inhibitor from the Mushroom,Piptoporus betulinus. Bioscience, Biotechnology and Biochemistry, 2002, 66, 2748-2750.	0.6	18
63	A Fairy Chemical Suppresses Retinal Angiogenesis as a HIF Inhibitor. Biomolecules, 2020, 10, 1405.	1.8	18
64	Leccinine A, an endoplasmic reticulum stress-suppressive compound from the edible mushroom Leccinum extremiorientale. Tetrahedron, 2011, 67, 6649-6653.	1.0	17
65	Molecular breeding of lignin-degrading brown-rot fungus Gloeophyllum trabeum by homologous expression of laccase gene. AMB Express, 2015, 5, 81.	1.4	17
66	Extract of the mushroom Mycoleptodonoides aitchisonii induces a series of anti-oxidative and phase II detoxifying enzymes through activation of the transcription factor Nrf2. Food Chemistry, 2011, 129, 92-99.	4.2	15
67	An unusual sterol from the mushroom Stropharia rugosoannulata. Tetrahedron Letters, 2013, 54, 4900-4902.	0.7	15
68	Metabolism of bisphenol A by hyper lignin-degrading fungus Phanerochaete sordida YK-624 under non-ligninolytic condition. Chemosphere, 2014, 109, 128-133.	4.2	15
69	Discovery of Plant Growth Stimulants by Câ€“H Arylation of 2-Azahypoxanthine. Organic Letters, 2018, 20, 5684-5687.	2.4	15
70	Synthesis of double-13C-labeled imidazole derivatives. Tetrahedron Letters, 2018, 59, 3516-3518.	0.7	15
71	Genome sequence analysis of the fairy ring-forming fungus Lepista sordida and gene candidates for interaction with plants. Scientific Reports, 2019, 9, 5888.	1.6	15
72	Bioactive Compounds from Mushrooms. Heterocycles, 2007, 72, 45.	0.4	15

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73	Biosynthesis of the Fairy Chemicals, 2-Azahypoxanthine and Imidazole-4-carboxamide, in the Fairy Ring-Forming FungusLepista sordida. Journal of Natural Products, 2020, 83, 2469-2476.	1.5	14
74	Heterologous expression of a lectin from Pleurocybella porrigens (PPL) in Phanerochaete sordida YK-624. Journal of Microbiological Methods, 2014, 100, 70-76.	0.7	13
75	Biomimetic Synthesis and Structural Revision of Chaxine B and Its Analogues. Organic Letters, 2017, 19, 560-563.	2.4	13
76	Plant growth regulators and Axl and immune checkpoint inhibitors from the edible mushroom Leucopaxillus giganteus. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1332-1338.	0.6	13
77	Agrocybynes Aâ€“E from the culture broth of Agrocybe praecox. Tetrahedron, 2012, 68, 1262-1265.	1.0	12
78	Armillariols A to C from the culture broth of Armillaria sp.. Tetrahedron Letters, 2013, 54, 5481-5483.	0.7	12
79	Effects of Homologous Expression of 1,4-Benzoquinone Reductase and Homogentisate 1,2-Dioxygenase Genes on Wood Decay in Hyper-Lignin-Degrading Fungus Phanerochaete sordida YK-624. Current Microbiology, 2016, 73, 512-518.	1.0	11
80	Fomiroid A, a Novel Compound from the Mushroom Fomitopsis nigra, Inhibits NPC1L1-Mediated Cholesterol Uptake via a Mode of Action Distinct from That of Ezetimibe. PLoS ONE, 2014, 9, e116162.	1.1	10
81	Analysis of the aplyronine A-induced proteinâ€“protein interaction between actin and tubulin by surface plasmon resonance. Bioorganic and Medicinal Chemistry, 2016, 24, 2809-2814.	1.4	10
82	Improvement of ethanol production by recombinant expression of pyruvate decarboxylase in the white-rot fungus Phanerochaete sordida YK-624. Journal of Bioscience and Bioengineering, 2016, 122, 17-21.	1.1	10
83	Hypocholesterolemic Action of Dietary Grifolin on Rats Fed with a High-cholesterol Diet. Bioscience, Biotechnology and Biochemistry, 1994, 58, 211-212.	0.6	9
84	Genome Sequence of a Novel Iflavirus from mRNA Sequencing of the Pupa of Bombyx mori Inoculated with Cordyceps militaris. Genome Announcements, 2015, 3, .	0.8	9
85	A novel plant growth regulator from Pholiota lubrica. Tetrahedron Letters, 2018, 59, 2559-2561.	0.7	9
86	Fairy Chemicals, 2-Azahypoxanthine and 2-Aza-8-oxohypoxanthine, Regulate Carotenoid Accumulation in Citrus Juice Sacs in Vitro. Journal of Agricultural and Food Chemistry, 2015, 63, 7230-7235.	2.4	8
87	Inhibition of neutrophil superoxide generation by shikonin is associated with suppression of cellular Ca²⁺ fluxes. Journal of Clinical Biochemistry and Nutrition, 2016, 59, 1-9.	0.6	8
88	Erinachromanes A and B and Erinaphenol A from the Culture Broth of Hericium erinaceus. Journal of Agricultural and Food Chemistry, 2019, 67, 3134-3139.	2.4	8
89	A-WINGS: an integrated genome database for Pleurocybella porrigens (Angelâ€™s wing oyster mushroom,) Tj ETQq1 1 0.784314 rgB	0.6	7
90	Cytotoxic compounds against cancer cells from Bombyx mori inoculated with Cordyceps militaris. Bioscience, Biotechnology and Biochemistry, 2017, 81, 1224-1226.	0.6	7

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91	Functional characterization of the manganese transporter smf2 homologue gene, PsMnt, of Phanerochaete sordida YK-624 via homologous overexpression. FEMS Microbiology Letters, 2018, 365, .	0.7	7
92	Bioactive compounds from the edible mushroom Cortinarius caperatus. Mycoscience, 2018, 59, 172-175.	0.3	7
93	Ribosides and Ribotide of a Fairy Chemical, Imidazole-4-carboxamide, as Its Metabolites in Rice. Organic Letters, 2019, 21, 7841-7845.	2.4	7
94	Structural investigation of Î±-l-fucosidase from the pancreas of Patiria pectinifera, based on molecular cloning. Carbohydrate Research, 2019, 475, 27-33.	1.1	7
95	Effects of Glucose Concentration on Ethanol Fermentation of White-Rot Fungus Phanerochaete sordida YK-624 Under Aerobic Conditions. Current Microbiology, 2019, 76, 263-269.	1.0	7
96	Plant growth regulators from mushrooms. Journal of Antibiotics, 2020, 73, 657-665.	1.0	7
97	Chemical studies on bioactive compounds related to higher fungi. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1-7.	0.6	7
98	Transcriptomics analysis reveals the high biodegradation efficiency of white-rot fungus Phanerochaete sordida YK-624 on native lignin. Journal of Bioscience and Bioengineering, 2021, 132, 253-257.	1.1	7
99	Improvement of saccharide yield from wood by simultaneous enzymatic delignification and saccharification using a ligninolytic enzyme and cellulase. Journal of Bioscience and Bioengineering, 2021, 132, 213-219.	1.1	7
100	The Fairy Chemical Imidazole-4-carboxamide Inhibits the Expression of Axl, PD-L1, and PD-L2 and Improves Response to Cisplatin in Melanoma. Cells, 2022, 11, 374.	1.8	7
101	Isolation and characterization of lectins from the AG-D group of binucleate Rhizoctonia species. Journal of General Plant Pathology, 2007, 73, 235-241.	0.6	6
102	A new compound from the mushroom Tricholoma flavovirens. Bioscience, Biotechnology and Biochemistry, 2014, 78, 755-757.	0.6	6
103	Plant growth regulators from the fruiting bodies of Tricholoma flavovirens. Bioscience, Biotechnology and Biochemistry, 2017, 81, 441-444.	0.6	6
104	Plant growth regulators from the edible mushroom Leccinum extremiorientale. Mycoscience, 2017, 58, 383-386.	0.3	6
105	Effect on growth, sugar consumption, and aerobic ethanol fermentation of homologous expression of the sugar transporter gene Pshxt1 in the white rot fungus Phanerochaete sordida YK-624. Journal of Bioscience and Bioengineering, 2019, 128, 537-543.	1.1	6
106	Suppressing the Formation of Osteoclasts Using Bioactive Components of the Edible Mushroom Leccinum extremiorientale (L Vass.) Singer (Agaricomycetideae). International Journal of Medicinal Mushrooms, 2010, 12, 401-406.	0.9	6
107	Safety evaluation of 2-aza-8-oxohypoxanthine based on in vitro and human patch tests. Fundamental Toxicological Sciences, 2020, 7, 207-214.	0.2	6
108	1,2,3-Triazine formation mechanism of the fairy chemical 2-azahypoxanthine in the fairy ring-forming fungus Lepista sordida. Organic and Biomolecular Chemistry, 2022, 20, 2636-2642.	1.5	6

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109	Lectin Variation in Members of Rhizoctonia Species. Microbes and Environments, 2004, 19, 227-235.	0.7	5
110	Improving xylitol production through recombinant expression of xylose reductase in the white-rot fungus Phanerochaete sordida YK-624. Journal of Bioscience and Bioengineering, 2015, 120, 6-8.	1.1	5
111	Plant growth regulatory compounds from the mushroom Russula vinosa. Mycoscience, 2016, 57, 404-407.	0.3	5
112	Plant growth inhibitors from the culture broth of fairy ring-forming fungus Lepista sordida. Mycoscience, 2017, 58, 387-390.	0.3	5
113	Axl and immune checkpoints inhibitors from fruiting bodies of Pleurocybella porrigens. Journal of Antibiotics, 2020, 73, 733-736.	1.0	5
114	Inhibition of cholesteryl ester synthesis by polyacetylenes from Atractylodes rhizome. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126997.	1.0	5
115	Biomimetic Synthesis of Chaxine and its Related Compounds. Journal of Organic Chemistry, 2020, 85, 4848-4860.	1.7	5
116	The Potential of 2-aza-8-Oxohypoxanthine as a Cosmetic Ingredient. Cosmetics, 2021, 8, 60.	1.5	5
117	Safety evaluation of 2-aza-8-oxohypoxanthine by in vitro skin sensitization and human tests. Fundamental Toxicological Sciences, 2021, 8, 123-133.	0.2	4
118	S-Adenosylhomocysteine Analogue of a Fairy Chemical, Imidazole-4-carboxamide, as its Metabolite in Rice and Yeast and Synthetic Investigations of Related Compounds. Journal of Natural Products, 2021, 84, 453-458.	1.5	4
119	Clinical Evaluation of Topical Lotion Containing 2-Aza-8-Oxohypoxanthine on Skin Barrier Function against Water Loss. Cosmetics, 2021, 8, 83.	1.5	4
120	Draft Genome Sequence of the White-Rot Fungus Phanerochaete sordida YK-624. Microbiology Resource Announcements, 2021, 10, e0084221.	0.3	4
121	Effect of the Medicinal Mushroom, Grifola gargal (Agaricomycetes), on Bone Turnover Markers and Serum Lipids in Middle-Aged and Elderly Japanese Women. International Journal of Medicinal Mushrooms, 2016, 18, 1-7.	0.9	3
122	The complete mitochondrial genome sequence of the edible mushroom Stropharia rugosoannulata (Strophariaceae, Basidiomycota). Mitochondrial DNA Part B: Resources, 2019, 4, 570-572.	0.2	3
123	Medicinal Mushroom, Grifola gargal (Agaricomycetes), Lowers Triglyceride in Animal Models of Obesity and Diabetes and in Adults with Prediabetes. International Journal of Medicinal Mushrooms, 2020, 22, 79-91.	0.9	3
124	Ethanol fermentation by saprotrophic white-rot fungus Phanerochaete sordida YK-624 during wood decay as a system for short-term resistance to hypoxic conditions. Journal of Bioscience and Bioengineering, 2022, 133, 64-69.	1.1	3
125	Thapsigargin-induced ER stress suppressive compounds from the mushroom Mycoleptodonoides aitchisonii. Tetrahedron Letters, 2015, 56, 5561-5563.	0.7	2
126	An efficient heterologousEscherichia coli-based expression system for lectin production fromPleurocybella porrigens. Bioscience, Biotechnology and Biochemistry, 2021, 85, 630-633.	0.6	2

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127	Study on Secondary Metabolites of Endophytic Fungus, Aspergillus fumigatus, from Crocus sativus L. Guided byUHPLC-HRMS/MS-Based Molecular Network. International Journal of Analytical Chemistry, 2022, 2022, 1-11.	0.4	2
128	Crystal Structure of 2-(1-(2,4-Dinitrobenzoyloxy)ethyl)-3-methyl-4-butanolide.. Analytical Sciences, 1998, 14, 867-868.	0.8	1
129	Self-fusion and fusion cell isolation of transformants derived from white rot fungus Phanerochaete sordida YK-624 by simple visual method. Journal of Bioscience and Bioengineering, 2020, 129, 146-149.	1.1	1
130	Effects of imidazole-4-carboxamide and 2-azahypoxanthine on the growth and ectomycorrhizal colonization of Pinus densiflora seedlings inoculated with Tricholoma matsutake. Mycoscience, 2020, 61, 259-263.	0.3	1
131	The complete mitochondrial genome sequence of the fairy ring-forming fungus Lepista sordida. Mitochondrial DNA Part B: Resources, 2022, 7, 712-714.	0.2	1
132	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. Bioscience, Biotechnology and Biochemistry, 1995, 59, 1562-1563.	0.6	0
133	Bitter compounds in two Tricholoma species, T. aestuans and T. virgatum. Journal of Antibiotics, 2020, 73, 697-701.	1.0	0
134	Science of fairy chemicals and the possibility of application of them to agriculture. Japanese Journal of Pesticide Science, 2019, 44, 174-180.	0.0	0
135	A new lanostane triterpenoid from the mushroom Hypholoma fasciculare. Bioscience, Biotechnology and Biochemistry, 2022, , .	0.6	0