

Hyung-Kyoon Choi

List of Publications by Year in descending order

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141
papers

4,027
citations

109321

35
h-index

155660

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all docs

141
docs citations

141
times ranked

5574
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic and lipidomic characterization of radioresistant MDA-MB-231 human breast cancer cells to investigate potential therapeutic targets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 208, 114449.	2.8	9
2	Anticancer activity and metabolic profile alterations by ortho-topolin riboside in in vitro and in vivo models of non-small cell lung cancer. <i>FASEB Journal</i> , 2022, 36, e22127.	0.5	0
3	Photosynthetic pigment production and metabolic and lipidomic alterations in the marine cyanobacteria <i>Synechocystis</i> sp. PCC 7338 under various salinity conditions. <i>Journal of Applied Phycology</i> , 2021, 33, 197-209.	2.8	16
4	Enhanced Production of Photosynthetic Pigments and Various Metabolites and Lipids in the Cyanobacteria <i>Synechocystis</i> sp. PCC 7338 Culture in the Presence of Exogenous Glucose. <i>Biomolecules</i> , 2021, 11, 214.	4.0	4
5	Discrimination of the Geographical Origin of Soybeans Using NMR-Based Metabolomics. <i>Foods</i> , 2021, 10, 435.	4.3	16
6	Unique Metabolic Profiles of Korean Rice According to Polishing Degree, Variety, and Geo-Environmental Factors. <i>Foods</i> , 2021, 10, 711.	4.3	3
7	Photosynthetic production of biodiesel in <i>Synechocystis</i> sp. PCC6803 transformed with insect or plant fatty acid methyltransferase. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1433-1439.	3.4	4
8	Multi-Omic Analyses Reveal Habitat Adaptation of Marine Cyanobacterium <i>Synechocystis</i> sp. PCC 7338. <i>Frontiers in Microbiology</i> , 2021, 12, 667450.	3.5	6
9	Mycobiome analysis for distinguishing the geographical origins of sesame seeds. <i>Food Research International</i> , 2021, 143, 110271.	6.2	7
10	Integrative Metabolomic and Lipidomic Profiling of Lung Squamous Cell Carcinoma for Characterization of Metabolites and Intact Lipid Species Related to the Metastatic Potential. <i>Cancers</i> , 2021, 13, 4179.	3.7	5
11	Absolute oral and subcutaneous bioavailability of ortho-topolin riboside in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114363.	2.8	1
12	Duckweeds: their utilization, metabolites and cultivation. <i>Applied Biological Chemistry</i> , 2021, 64, 73.	1.9	30
13	Different Regulatory Modes of <i>Synechocystis</i> sp. PCC 6803 in Response to Photosynthesis Inhibitory Conditions. <i>MSystems</i> , 2021, 6, e0094321.	3.8	7
14	Current Status and Future Strategies to Increase Secondary Metabolite Production from Cyanobacteria. <i>Microorganisms</i> , 2020, 8, 1849.	3.6	21
15	Comparative Proteomic Profiling of Marine and Freshwater <i>Synechocystis</i> Strains Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 790.	2.6	4
16	Discovery study of integrative metabolic profiles of sesame seeds cultivated in different countries. <i>LWT - Food Science and Technology</i> , 2020, 129, 109454.	5.2	14
17	Comparative Primary Metabolic and Lipidomic Profiling of Freshwater and Marine <i>Synechocystis</i> Strains Using by GC-MS and NanoESI-MS Analyses. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 308-319.	2.6	11
18	Metabolic and Lipidomic Profiling of Vegetable Juices Fermented with Various Probiotics. <i>Biomolecules</i> , 2020, 10, 725.	4.0	20

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19	Characteristics of fecal metabolic profiles in patients with irritable bowel syndrome with predominant diarrhea investigated using ^1H -NMR coupled with multivariate statistical analysis. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13830.	3.0	20
20	Increased hepatic acylcarnitines after oral administration of amiodarone in rats. <i>Journal of Applied Toxicology</i> , 2020, 40, 1004-1013.	2.8	5
21	Discrimination of Cultivated Regions of Soybeans (<i>Glycine max</i>) Based on Multivariate Data Analysis of Volatile Metabolite Profiles. <i>Molecules</i> , 2020, 25, 763.	3.8	11
22	NMR-based metabolic profiling discriminates the geographical origin of raw sesame seeds. <i>Food Control</i> , 2020, 112, 107113.	5.5	12
23	Alteration of metabolic profiles in <i>Lemna paucicostata</i> culture and enhanced production of GABA and ferulic acid by ethephon treatment. <i>PLoS ONE</i> , 2020, 15, e0231652.	2.5	1
24	Chemical profiles and antioxidant properties of roasted rice hull extracts in bulk oil and oil-in-water emulsion. <i>Food Chemistry</i> , 2019, 272, 242-250.	8.2	20
25	An automated high-throughput sample preparation method using double-filtration for serum metabolite LC-MS analysis. <i>Analytical Methods</i> , 2019, 11, 4060-4065.	2.7	8
26	Exposure-Response of Wheat Cultivars to TiO_2 Nanoparticles in Contrasted Soils. <i>Soil and Sediment Contamination</i> , 2019, 28, 184-199.	1.9	25
27	Divergent rRNAs as regulators of gene expression at the ribosome level. <i>Nature Microbiology</i> , 2019, 4, 515-526.	13.3	52
28	Characterization and classification of rat neural stem cells and differentiated cells by comparative metabolic and lipidomic profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5423-5436.	3.7	4
29	Changes in fluorescent dissolved organic matter and their association with phytoavailable phosphorus in soil amended with TiO_2 nanoparticles. <i>Chemosphere</i> , 2019, 227, 17-25.	8.2	20
30	Highly geographical specificity of metabolomic traits among Korean domestic soybeans (<i>Glycine max</i>). <i>Food Research International</i> , 2019, 120, 12-18.	6.2	28
31	Metabolic and lipidomic investigation of the antiproliferative effects of coronatine against human melanoma cells. <i>Scientific Reports</i> , 2019, 9, 3140.	3.3	10
32	Metabolomic profiling reveals enrichment of cordycepin in senescence process of <i>Cordyceps militaris</i> fruit bodies. <i>Journal of Microbiology</i> , 2019, 57, 54-63.	2.8	22
33	^1H -NMR-Based Metabolic Profiling of <i>Cordyceps militaris</i> to Correlate the Development Process and Anti-Cancer Effect. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 1212-1220.	2.1	6
34	G0/G1 Switch 2 Induces Cell Survival and Metastasis through Integrin-Mediated Signal Transduction in Human Invasive Breast Cancer Cells. <i>Biomolecules and Therapeutics</i> , 2019, 27, 591-602.	2.4	12
35	Effects of Agitating Culture Condition on the Growth, Metabolic and Carotenoid Profiles of <i>Lemna paucicostata</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2018, 23, 23-30.	2.6	3
36	^1H NMR based metabolite profiling for optimizing the ethanol extraction of <i>Wolfiporia cocos</i> . <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1128-1134.	3.8	11

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37	Phycobiliproteins Production Enhancement and Lipidomic Alteration by Titanium Dioxide Nanoparticles in <i>Synechocystis</i> sp. PCC 6803 Culture. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8522-8529.	5.2	9
38	Lipids in Ginseng (<i>Panax ginseng</i>) and Their Analysis. <i>Natural Product Sciences</i> , 2018, 24, 1.	0.9	5
39	Metabolomics and Lipidomics Approaches in the Science of Probiotics: A Review. <i>Journal of Medicinal Food</i> , 2018, 21, 1086-1095.	1.5	32
40	Discrimination and prediction of the origin of Chinese and Korean soybeans using Fourier transform infrared spectrometry (FT-IR) with multivariate statistical analysis. <i>PLoS ONE</i> , 2018, 13, e0196315.	2.5	34
41	Development of suspension cell culture model to mimic circulating tumor cells. <i>Oncotarget</i> , 2018, 9, 622-640.	1.8	18
42	Enhanced Production of Fatty Acids via Redirection of Carbon Flux in Marine Microalga <i>Tetraselmis</i> sp.. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 267-274.	2.1	8
43	Synergistic induction of apoptosis by combination treatment with mesupron and auranofin in human breast cancer cells. <i>Archives of Pharmacal Research</i> , 2017, 40, 746-759.	6.3	33
44	Enhanced production of fatty acids in three strains of microalgae using a combination of nitrogen starvation and chemical inhibitors of carbohydrate synthesis. <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 60-67.	2.6	14
45	Discovery of potential biomarkers in human melanoma cells with different metastatic potential by metabolic and lipidomic profiling. <i>Scientific Reports</i> , 2017, 7, 8864.	3.3	70
46	Growth and Metabolic Responses of Rice (<i>Oryza sativa</i> L.) Cultivated in Phosphorus-Deficient Soil Amended with TiO ₂ Nanoparticles. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5598-5606.	5.2	102
47	Potential urinary biomarkers of nephrotoxicity in cyclophosphamide-treated rats investigated by NMR-based metabolic profiling. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, N/A.	3.0	9
48	State of <i>Panax ginseng</i> Research: A Global Analysis. <i>Molecules</i> , 2017, 22, 1518.	3.8	55
49	Discrimination and prediction of cultivation age and parts of <i>Panax ginseng</i> by Fourier-transform infrared spectroscopy combined with multivariate statistical analysis. <i>PLoS ONE</i> , 2017, 12, e0186664.	2.5	25
50	Application of Metabolomics to Quality Control of Natural Product Derived Medicines. <i>Biomolecules and Therapeutics</i> , 2017, 25, 559-568.	2.4	41
51	Effects of coronatine elicitation on growth and metabolic profiles of <i>Lemna paucicostata</i> culture. <i>PLoS ONE</i> , 2017, 12, e0187622.	2.5	18
52	Functional implications of hexameric assembly of RraA proteins from <i>Vibrio vulnificus</i> . <i>PLoS ONE</i> , 2017, 12, e0190064.	2.5	5
53	Human steroid sulfatase induces Wnt/ β -catenin signaling and epithelial-mesenchymal transition by upregulating Twist1 and HIF-1 α in human prostate and cervical cancer cells. <i>Oncotarget</i> , 2017, 8, 61604-61617.	1.8	32
54	Comparative metabolic and lipidomic profiling of human breast cancer cells with different metastatic potentials. <i>Oncotarget</i> , 2016, 7, 67111-67128.	1.8	95

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55	Comparison of the Profile and Composition of Volatiles in Coniferous Needles According to Extraction Methods. <i>Molecules</i> , 2016, 21, 363.	3.8	8
56	Effect of Ethephon as an Ethylene-Releasing Compound on the Metabolic Profile of <i>Chlorella vulgaris</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4807-4816.	5.2	37
57	Genome-wide transcriptome analysis revealed organelle specific responses to temperature variations in algae. <i>Scientific Reports</i> , 2016, 6, 37770.	3.3	38
58	Triazine herbicides inhibit relaxin signaling and disrupt nitric oxide homeostasis. <i>Toxicology and Applied Pharmacology</i> , 2016, 307, 10-18.	2.8	12
59	Comprehensive metabolic profiles of mulberry fruit (<i>Morus alba</i> Linnaeus) according to maturation stage. <i>Food Science and Biotechnology</i> , 2016, 25, 1035-1041.	2.6	12
60	NanoESI-MS-based lipidomics to discriminate between cultivars, cultivation ages, and parts of <i>Panax ginseng</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2109-2121.	3.7	10
61	Effects of the timing of a culture temperature reduction on the comprehensive metabolite profiles of <i>Chlorella vulgaris</i> . <i>Journal of Applied Phycology</i> , 2016, 28, 2641-2650.	2.8	10
62	Differentiating <i>Chamaecyparis obtusa</i> and <i>Chamaecyparis pisifera</i> Leaves Using ^1H Nuclear Magnetic Resonance Spectroscopy. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1237-1244.	1.9	2
63	Regulation of a phenylalanine ammonia lyase (BbPAL) by calmodulin in response to environmental changes in the entomopathogenic fungus <i>B. bassiana</i> . <i>Environmental Microbiology</i> , 2015, 17, 4484-4494.	3.8	9
64	Antiproliferative and Apoptotic Activity of <i>Chamaecyparis obtusa</i> Leaf Extract against the HCT116 Human Colorectal Cancer Cell Line and Investigation of the Bioactive Compound by Gas Chromatography-Mass Spectrometry-Based Metabolomics. <i>Molecules</i> , 2015, 20, 18066-18082.	3.8	17
65	Metabolomic Analysis Reveals Cyanidins in Black Raspberry as Candidates for Suppression of Lipopolysaccharide-Induced Inflammation in Murine Macrophages. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5449-5458.	5.2	29
66	Proton Nuclear Magnetic Resonance Spectrometry-Based Metabolic Characterization of <i>Panax Notoginseng</i> Roots. <i>Analytical Letters</i> , 2015, 48, 1341-1354.	1.8	3
67	Effects of Korean black raspberry supplementation on oxidative stress and plasma antioxidant capacity in healthy male smokers. <i>Journal of Functional Foods</i> , 2015, 16, 393-402.	3.4	13
68	Comparative Lipidomic Profiling of Two <i>Dunaliella tertiolecta</i> Strains with Different Growth Temperatures under Nitrate-Deficient Conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 880-887.	5.2	9
69	\hat{I}^2 -Thujaplicin modulates estrogen receptor signaling and inhibits proliferation of human breast cancer cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1011-1017.	1.3	14
70	Elucidation of the growth delimitation of <i>Dunaliella tertiolecta</i> under nitrogen stress by integrating transcriptome and peptidome analysis. <i>Bioresource Technology</i> , 2015, 194, 57-66.	9.6	51
71	Increased serum bile acid concentration following low-dose chronic administration of thioacetamide in rats, as evidenced by metabolomic analysis. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 213-222.	2.8	16
72	Chemical analysis of <i>Panax quinquefolius</i> (North American ginseng): A review. <i>Journal of Chromatography A</i> , 2015, 1426, 1-15.	3.7	62

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73	Contrasting photoadaptive strategies of two morphologically distinct <i>Dunaliella</i> species under various salinities. <i>Journal of Applied Phycology</i> , 2015, 27, 1053-1062.	2.8	16
74	NMR and GC-MS Based Metabolic Profiling and Free-Radical Scavenging Activities of <i>Cordyceps pruinosa</i> Mycelia Cultivated under Different Media and Light Conditions. <i>PLoS ONE</i> , 2014, 9, e90823.	2.5	17
75	Anti-inflammatory effects of <i>Rubus coreanus</i> Miquel through inhibition of NF- κ B and MAP Kinase. <i>Nutrition Research and Practice</i> , 2014, 8, 501.	1.9	23
76	Simple and Rapid Determination of Cordycepin in <i>Cordyceps militaris</i> Fruiting Bodies by Quantitative Nuclear Magnetic Resonance Spectroscopy. <i>Analytical Letters</i> , 2014, 47, 1031-1042.	1.8	4
77	Proteomic analysis of <i>Synechocystis</i> sp. PCC6803 responses to low-temperature and high light conditions. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 629-640.	2.6	5
78	Ellagic Acid Identified through Metabolomic Analysis Is an Active Metabolite in Strawberry (<i>Seolhyang</i> TM) Regulating Lipopolysaccharide-Induced Inflammation. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3954-3962.	5.2	30
79	Identification of a Novel SHP-2 Protein Tyrosine Phosphatase Inhibitor. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 420-424.	3.2	0
80	Metabolomic Analysis of Ethyl Acetate and Methanol Extracts of Blueberry. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2014, 43, 419-424.	0.9	2
81	Metabolic profiling and enhanced production of phytosterols by elicitation with methyl jasmonate and silver nitrate in whole plant cultures of <i>Lemna paucicostata</i> . <i>Process Biochemistry</i> , 2013, 48, 1581-1586.	3.7	17
82	Physiological and metabolomic analysis of a knockout mutant suggests a critical role of MtP5CS3 gene in osmotic stress tolerance of <i>Medicago truncatula</i> . <i>Euphytica</i> , 2013, 193, 101-120.	1.2	12
83	Induction of steroid sulfatase expression in PC-3 human prostate cancer cells by insulin-like growth factor II. <i>Toxicology Letters</i> , 2013, 223, 109-115.	0.8	11
84	Biochemical characterization of cultivated <i>Cordyceps bassiana</i> mycelia and fruiting bodies by ¹ H nuclear magnetic resonance spectroscopy. <i>Metabolomics</i> , 2013, 9, 236-246.	3.0	23
85	Effect of Korean black raspberry (<i>Rubus coreanus</i> Miquel) fruit administration on DNA damage levels in smokers and screening biomarker investigation using ¹ H-NMR-based metabolic profiling. <i>Food Research International</i> , 2013, 54, 1255-1262.	6.2	7
86	Metabolomic characterization of the region- and maturity-specificity of <i>Rubus coreanus</i> Miquel (<i>Bokbunja</i>). <i>Food Research International</i> , 2013, 54, 508-515.	6.2	8
87	Metabolic Profiles and Free Radical Scavenging Activity of <i>Cordyceps bassiana</i> Fruiting Bodies According to Developmental Stage. <i>PLoS ONE</i> , 2013, 8, e73065.	2.5	15
88	Effects of Light Intensity and Nitrogen Starvation on Glycerolipid, Glycerophospholipid, and Carotenoid Composition in <i>Dunaliella tertiolecta</i> Culture. <i>PLoS ONE</i> , 2013, 8, e72415.	2.5	53
89	<i>Mariannaea samuelsii</i> Isolated from a Bark Beetle-Infested Elm Tree in Korea. <i>Mycobiology</i> , 2012, 40, 94-99.	1.7	2
90	Nontargeted Metabolomics Approach for Age Differentiation and Structure Interpretation of Age-Dependent Key Constituents in Hairy Roots of <i>Panax ginseng</i> . <i>Journal of Natural Products</i> , 2012, 75, 1777-1784.	3.0	48

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91	Microscopic analysis of <i>Cordyceps bassiana</i> (anamorph stage: <i>Beauveria bassiana</i>) stromata during artificial cultivation for commercial use. <i>Journal of General and Applied Microbiology</i> , 2012, 58, 325-329.	0.7	2
92	Multidimensional gas chromatography of oxidative degradation products in algae-derived fuel oil samples using narrow heartcuts and rapid cycle times. <i>Journal of Chromatography A</i> , 2012, 1224, 89-96.	3.7	31
93	NMR-based metabolic profiling and differentiation of ginseng roots according to cultivation ages. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 58, 19-26.	2.8	89
94	Proteomic Analysis on Acetate Metabolism in <i>Citrobacter</i> sp. BL-4. <i>International Journal of Biological Sciences</i> , 2012, 8, 66-78.	6.4	5
95	Characteristics of Growth, Pigment and Monacolin K Production by <i>Monascus</i> strains in Liquid Culture. <i>KSBB Journal</i> , 2012, 27, 301-307.	0.2	3
96	Correlation between Antioxidative Activities and Metabolite Changes during <i>Cheonggukjang</i> Fermentation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 732-739.	1.3	54
97	Determination of the Volatile Components in the Fruits and Leaves of Guava Plants (<i>Psidium</i>) Tj ETQq1 1 0.784314 rgBT /Qverlock	2.7	9
98	Metabolic Profiling and Predicting the Free Radical Scavenging Activity of Guava (<i>Psidium guajava</i> L.) Leaves According to Harvest Time by ¹ H-Nuclear Magnetic Resonance Spectroscopy. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1090-1097.	1.3	21
99	Metabolomic Approach for Age Discrimination of <i>Panax ginseng</i> Using UPLC-Q-ToF MS. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 10435-10441.	5.2	93
100	Biochemical monitoring of black raspberry (<i>Rubus coreanus</i> Miquel) fruits according to maturation stage by ¹ H NMR using multiple solvent systems. <i>Food Research International</i> , 2011, 44, 1977-1987.	6.2	69
101	Effects of a <i>Rubus coreanus</i> Miquel supplement on plasma antioxidant capacity in healthy Korean men. <i>Nutrition Research and Practice</i> , 2011, 5, 429.	1.9	30
102	Ameliorating effects of Mango (<i>Mangifera indica</i> L.) fruit on plasma ethanol level in a mouse model assessed with ¹ H-NMR based metabolic profiling. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2011, 48, 214-221.	1.4	7
103	Comparative Antioxidant and Antiproliferative Activities of Red and White Pitayas and Their Correlation with Flavonoid and Polyphenol Content. <i>Journal of Food Science</i> , 2011, 76, C38-45.	3.1	91
104	Metabolite fingerprinting of bokbunja (<i>Rubus coreanus</i> Miquel) by UPLC-qTOF-MS. <i>Food Science and Biotechnology</i> , 2011, 20, 567-570.	2.6	14
105	Rapid sequential separation of essential oil compounds using continuous heart-cut multi-dimensional gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 2626-2634.	3.7	22
106	The chloroform fraction of guava (<i>Psidium cattleianum</i> Sabine) leaf extract inhibits human gastric cancer cell proliferation via induction of apoptosis. <i>Food Chemistry</i> , 2011, 125, 369-375.	8.2	35
107	<i>Henriciella litoralis</i> sp. nov., isolated from a tidal flat, transfer of <i>Maribaculum marinum</i> Lai et al. 2009 to the genus <i>Henriciella</i> as <i>Henriciella aquimarina</i> nom. nov. and emended description of the genus <i>Henriciella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 722-727.	1.7	60
108	Positive regulation of apoptosis signal-regulating kinase 1 by dual-specificity phosphatase 13A. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 2619-2629.	5.4	23

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109	Metabolite profiling of doenjang, fermented soybean paste, during fermentation. Journal of the Science of Food and Agriculture, 2010, 90, n/a-n/a.	3.5	75
110	Metabolic analysis of guava (<i>Psidium guajava</i> L.) fruits at different ripening stages using different data-processing approaches. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2983-2988.	2.3	25
111	Antioxidant and antiproliferative activities of mango (<i>Mangifera indica</i> L.) flesh and peel. Food Chemistry, 2010, 121, 429-436.	8.2	223
112	Metabolite profiling of Cheonggukjang, a fermented soybean paste, during fermentation by gas chromatography-mass spectrometry and principal component analysis. Food Chemistry, 2010, 122, 1313-1319.	8.2	70
113	Comparison of umami-taste active components in the pileus and stipe of pine-mushrooms (<i>Tricholoma</i>) Tj ETQq1 1.0,784314,rgBT /O	8.2	51
114	¹ H-NMR-Based Discrimination of Thermal and Vinegar Treated Ginseng Roots. Journal of Food Science, 2010, 75, C577-81.	3.1	16
115	Hypoxanthine levels in human urine serve as a screening indicator for the plasma total cholesterol and low-density lipoprotein modulation activities of fermented red pepper paste. Nutrition Research, 2010, 30, 455-461.	2.9	23
116	Metabolite Profiling of <i>Cheonggukjang</i> , a Fermented Soybean Paste, Inoculated with Various <i>Bacillus</i> Strains during Fermentation. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1860-1868.	1.3	65
117	Differentiation of Roots of <i>Glycyrrhiza</i> Species by ¹ H Nuclear Magnetic Resonance Spectroscopy and Multivariate Statistical Analysis. Bulletin of the Korean Chemical Society, 2010, 31, 825-828.	1.9	13
118	Classification of Fermented Soymilk during Fermentation by ¹ H NMR Coupled with Principal Component Analysis and Elucidation of Free-Radical Scavenging Activities. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1184-1188.	1.3	21
119	Phenolic compounds from the root of <i>Phragmites communis</i> . Chemistry of Natural Compounds, 2009, 45, 893-895.	0.8	15
120	¹ H-nuclear magnetic resonance spectroscopy-based metabolic assessment in a rat model of obesity induced by a high-fat diet. Analytical and Bioanalytical Chemistry, 2009, 395, 1117-1124.	3.7	71
121	Classification and prediction of free-radical scavenging activities of dangyuja (<i>Citrus grandis</i> Osbeck) fruit extracts using ¹ H NMR spectroscopy and multivariate statistical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 567-571.	2.8	33
122	Classification of Fermented Soybean Paste during Fermentation by ¹ H Nuclear Magnetic Resonance Spectroscopy and Principal Component Analysis. Bioscience, Biotechnology and Biochemistry, 2009, 73, 502-507.	1.3	25
123	NSC-87877, inhibitor of SHP-1/2 PTPs, inhibits dual-specificity phosphatase 26 (DUSP26). Biochemical and Biophysical Research Communications, 2009, 381, 491-495.	2.1	57
124	Potent inhibition of human cytochrome P450 1B1 by tetramethoxystilbene. Toxicology Letters, 2009, 189, 84-89.	0.8	35
125	Metabolic Discrimination of <i>Catharanthus roseus</i> Calli According to Their Relative Locations Using ¹ H-NMR and Principal Component Analysis. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2032-2036.	1.3	19
126	Fingerprinting Differentiation of <i>Astragalus membranaceus</i> Roots According to Ages Using ¹ H-NMR Spectroscopy and Multivariate Statistical Analysis. Biomolecules and Therapeutics, 2009, 17, 133-137.	2.4	9

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127	Free-radical-scavenging and tyrosinase-inhibition activities of Cheonggukjang samples fermented for various times. <i>Food Chemistry</i> , 2008, 106, 564-568.	8.2	28
128	Differentiation of Aroma Characteristics of Pine-Mushrooms (<i>Tricholoma matsutake</i> Sing.) of Different Grades Using Gas Chromatography-Olfactometry and Sensory Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2323-2328.	5.2	46
129	Effect of mass transfer on the removal of caffeine from green tea by supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2007, 42, 205-211.	3.2	75
130	Free radical-scavenging and inhibition of nitric oxide production by four grades of pine mushroom (<i>Tricholoma matsutake</i> Sing.). <i>Food Chemistry</i> , 2007, 103, 1337-1342.	8.2	32
131	Study of volatile organic acids in freeze-dried Cheonggukjang formed during fermentation using SPME and stable-isotope dilution assay (SIDA). <i>Food Chemistry</i> , 2007, 105, 1276-1280.	8.2	26
132	Metabolomic discrimination of different grades of pine-mushroom (<i>Tricholoma matsutake</i> Sing.) using ¹ H NMR spectrometry and multivariate data analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 900-904.	2.8	35
133	Fingerprinting analysis of fresh ginseng roots of different ages using ¹ H-NMR spectroscopy and principal components analysis. <i>Archives of Pharmacal Research</i> , 2007, 30, 1625-1628.	6.3	40
134	Difference in the Volatile Composition of Pine-Mushrooms (<i>Tricholoma matsutake</i> Sing.) According to Their Grades. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4820-4825.	5.2	83
135	Characterization of Aroma-Active Compounds in Raw and Cooked Pine-Mushrooms (<i>Tricholoma</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 93	5.2	93
136	Metabolomic differentiation of deer antlers of various origins by ¹ H NMR spectrometry and principal components analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1047-1050.	2.8	18
137	Metabolic fingerprinting of wild type and transgenic tobacco plants by ¹ H NMR and multivariate analysis technique. <i>Phytochemistry</i> , 2004, 65, 857-864.	2.9	183
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139	Effect of osmotic pressure on paclitaxel production in suspension cell cultures of <i>Taxus chinensis</i> . <i>Enzyme and Microbial Technology</i> , 2001, 28, 202-209.	3.2	50
140	Enhanced production of paclitaxel by semi-continuous batch process (SCBP) in suspension culture of <i>Taxus chinensis</i> . <i>Enzyme and Microbial Technology</i> , 2001, 29, 583-586.	3.2	20
141	Enhancement of paclitaxel production by temperature shift in suspension culture of <i>Taxus chinensis</i> . <i>Enzyme and Microbial Technology</i> , 2000, 27, 593-598.	3.2	39