

Young H Choi

List of Publications by Year in descending order

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288
papers

19,137
citations

10956

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128
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all docs

298
docs citations

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times ranked

17466
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal changes in plant–soil feedback effects on microbial networks, leaf metabolomics and plant–insect interactions. <i>Journal of Ecology</i> , 2022, 110, 1328-1343.	1.9	5
2	Pressurized Natural Deep Eutectic Solvent Extraction of Galanthamine and Related Alkaloids from <i>Narcissus pseudonarcissus</i> . <i>Planta Medica</i> , 2022, 88, 814-825.	0.7	9
3	Metabolomics on the study of marine organisms. <i>Metabolomics</i> , 2022, 18, 17.	1.4	23
4	Honey in traditional Chinese medicine: A guide to future applications of NADES to medicines. <i>Advances in Botanical Research</i> , 2021, 97, 361-384.	0.5	8
5	Natural deep eutectic solvents in plants and plant cells: In vitro evidence for their possible functions. <i>Advances in Botanical Research</i> , 2021, , 159-184.	0.5	11
6	Flavonol glycosides from aerial parts of <i>Astragalus thracicus</i> Griseb. <i>Phytochemistry Letters</i> , 2021, 41, 119-122.	0.6	2
7	Natural deep eutectic solvents present in plant exudates? A case study on the saps of <i>Drosera</i> species. <i>Advances in Botanical Research</i> , 2021, , 253-269.	0.5	0
8	Preface: Natural deep eutectic solvents: A third liquid phase in living organisms? Discovery, theory, biology, and applications. <i>Advances in Botanical Research</i> , 2021, , xv-xxii.	0.5	1
9	HPTLC-Based Chemical Profiling: An Approach to Monitor Plant Metabolic Expansion Caused by Fungal Endophytes. <i>Metabolites</i> , 2021, 11, 174.	1.3	6
10	Latex Metabolome of <i>Euphorbia</i> Species: Geographical and Inter-Species Variation and its Proposed Role in Plant Defense against Herbivores and Pathogens. <i>Journal of Chemical Ecology</i> , 2021, 47, 564-576.	0.9	8
11	Solubility and Stability of Some Pharmaceuticals in Natural Deep Eutectic Solvents-Based Formulations. <i>Molecules</i> , 2021, 26, 2645.	1.7	32
12	Chemical Differentiation of Plant Latexes and Their Anti-herbivory Activity against Thrips <i>Frankliniella occidentalis</i> . <i>Planta Medica</i> , 2021, 87, 1032-1044.	0.7	0
13	Morphological and Chemical Factors Related to Western Flower Thrips Resistance in the Ornamental <i>Gladiolus</i> . <i>Plants</i> , 2021, 10, 1384.	1.6	7
14	Natural deep eutectic solvents as biofilm structural breakers. <i>Water Research</i> , 2021, 201, 117323.	5.3	20
15	Structural properties and stability of the Betaine-Urea natural deep eutectic solvent. <i>Journal of Molecular Liquids</i> , 2021, 343, 117655.	2.3	9
16	Localization of Major Ephedra Alkaloids in Whole Aerial Parts of <i>Ephedrae Herba</i> Using Direct Analysis in Real Time-Time of Flight-Mass Spectrometry. <i>Molecules</i> , 2021, 26, 580.	1.7	13
17	Metabolic variation in Caribbean giant barrel sponges: Influence of age and sea-depth. <i>Marine Environmental Research</i> , 2021, 172, 105503.	1.1	1
18	A Theme Issue to Celebrate Professor Robert Verpoorte's 75th Birthday: "The Past, Current, and Future of Natural Products". <i>Molecules</i> , 2021, 26, 7226.	1.7	0

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19	The perspectives of natural deep eutectic solvents in agri-food sector. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 2564-2592.	5.4	148
20	Natural Deep Eutectic Solvents as Performance Additives for Peroxygenase Catalysis. <i>ChemCatChem</i> , 2020, 12, 989-994.	1.8	26
21	Preanalytical Treatments: Extraction With Deep Eutectic Solvents. , 2020, , 565-590.		1
22	Global warming shifts the composition of the abundant bacterial phyllosphere microbiota as indicated by a cultivation-dependent and -independent study of the grassland phyllosphere of a long-term warming field experiment. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	21
23	Metabolic variation in <i>Cistus monspeliensis</i> L. ecotypes correlated to their plant-fungal interactions. <i>Phytochemistry</i> , 2020, 176, 112402.	1.4	17
24	Influence of Geographical Location on the Metabolic Production of Giant Barrel Sponges (<i>Xestospongia</i> spp.) Revealed by Metabolomics Tools. <i>ACS Omega</i> , 2020, 5, 12398-12408.	1.6	15
25	Above-ground plant metabolomic responses to plant-soil feedbacks and herbivory. <i>Journal of Ecology</i> , 2020, 108, 1703-1712.	1.9	26
26	Natural Deep Eutectic Solvent Extraction of Flavonoids of <i>Scutellaria baicalensis</i> as a Replacement for Conventional Organic Solvents. <i>Molecules</i> , 2020, 25, 617.	1.7	69
27	Soil Inoculation Alters Leaf Metabolic Profiles in Genetically Identical Plants. <i>Journal of Chemical Ecology</i> , 2020, 46, 745-755.	0.9	6
28	Antibiotic production in <i>Streptomyces</i> is organized by a division of labor through terminal genomic differentiation. <i>Science Advances</i> , 2020, 6, eaay5781.	4.7	60
29	Antimutagenic, antigenotoxic and antiproliferative activities of <i>Fraxinus angustifolia</i> Vahl. leaves and stem bark extracts and their phytochemical composition. <i>PLoS ONE</i> , 2020, 15, e0230690.	1.1	15
30	Metabolic fingerprinting of banana passion fruits and its correlation with quorum quenching activity. <i>Phytochemistry</i> , 2020, 172, 112272.	1.4	5
31	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019, 36, 35-107.	5.2	92
32	Metabolic Profiling of Saponin-Rich <i>Ophiopogon japonicus</i> Roots Based on ¹ H NMR and HPTLC Platforms. <i>Planta Medica</i> , 2019, 85, 917-924.	0.7	15
33	Metabolomics reveals novel insight on dormancy of aquatic invertebrate encysted embryos. <i>Scientific Reports</i> , 2019, 9, 8878.	1.6	6
34	Lugdunomycin, an Angucycline-Derived Molecule with Unprecedented Chemical Architecture. <i>Angewandte Chemie</i> , 2019, 131, 2835-2840.	1.6	2
35	Plant Latex, from Ecological Interests to Bioactive Chemical Resources. <i>Planta Medica</i> , 2019, 85, 856-868.	0.7	30
36	Effect of Benzothiadiazole on the Metabolome of Tomato Plants Infected by Citrus Exocortis Viroid. <i>Viruses</i> , 2019, 11, 437.	1.5	11

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37	Green solvents for the extraction of bioactive compounds from natural products using ionic liquids and deep eutectic solvents. <i>Current Opinion in Food Science</i> , 2019, 26, 87-93.	4.1	171
38	Identification of antiplasmodial triterpenes from <i>Keetia</i> species using NMR-based metabolic profiling. <i>Metabolomics</i> , 2019, 15, 27.	1.4	10
39	Natural Deep Eutectic Solvents as Multifunctional Media for the Valorization of Agricultural Wastes. <i>ChemSusChem</i> , 2019, 12, 1310-1315.	3.6	37
40	Methyljasmonate Elicitation Increases Terpenoid Indole Alkaloid Accumulation in <i>Rhazya stricta</i> Hairy Root Cultures. <i>Plants</i> , 2019, 8, 534.	1.6	28
41	Proximate mechanisms of drought resistance in <i>Phytoseiulus persimilis</i> eggs. <i>Experimental and Applied Acarology</i> , 2019, 79, 279-298.	0.7	21
42	Lugdunomycin, an Angucycline-derived Molecule with Unprecedented Chemical Architecture. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2809-2814.	7.2	46
43	Metabolic alteration of <i>Catharanthus roseus</i> cell suspension cultures overexpressing geraniol synthase in the plastids or cytosol. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 41-53.	1.2	21
44	NMR Analysis of Fecal Samples. <i>Methods in Molecular Biology</i> , 2018, 1730, 317-328.	0.4	12
45	Application of natural deep eutectic solvents for the "green" extraction of vanillin from vanilla pods. <i>Flavour and Fragrance Journal</i> , 2018, 33, 91-96.	1.2	109
46	HPTLC, A Supplementary Tool for Metabolic Profiling and Metabolomics. , 2018, , 59-59.		0
47	Synergy: Easier to say than to prove. <i>Synergy</i> , 2018, 7, 34-35.	1.1	6
48	Increasing Metabolic Diversity in Marine Sponges Extracts by Controlling Extraction Parameters. <i>Marine Drugs</i> , 2018, 16, 393.	2.2	10
49	Investigation of species and environmental effects on rhubarb roots metabolome using ¹ H NMR combined with high performance thin layer chromatography. <i>Metabolomics</i> , 2018, 14, 137.	1.4	21
50	Identification of a Collagenase-Inhibiting Flavonoid from <i>Alchemilla vulgaris</i> Using NMR-Based Metabolomics. <i>Planta Medica</i> , 2018, 84, 941-946.	0.7	22
51	Metabolic discrimination of pine resins using multiple analytical platforms. <i>Phytochemistry</i> , 2018, 155, 37-44.	1.4	21
52	Special Issue Dedicated to Prof. Dr. Robert Verpoorte. <i>Planta Medica</i> , 2018, 84, 833-833.	0.7	0
53	Green solvents from ionic liquids and deep eutectic solvents to natural deep eutectic solvents. <i>Comptes Rendus Chimie</i> , 2018, 21, 628-638.	0.2	295
54	Broad range chemical profiling of natural deep eutectic solvent extracts using a high performance thin layer chromatography-based method. <i>Journal of Chromatography A</i> , 2018, 1532, 198-207.	1.8	59

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55	NMR-based Metabolomics: Understanding Plant Chemistry and Identification of Biologically Active Compounds. <i>New Developments in NMR</i> , 2018, , 246-263.	0.1	3
56	Discovery of C-Glycosylpyranonaphthoquinones in <i>Streptomyces</i> sp. MBT76 by a Combined NMR-Based Metabolomics and Bioinformatics Workflow. <i>Journal of Natural Products</i> , 2017, 80, 269-277.	1.5	36
57	¹ H-NMR analysis of feces: new possibilities in the helminthes infections research. <i>BMC Infectious Diseases</i> , 2017, 17, 275.	1.3	21
58	Aromatic Polyketide GTRIâ€œ02 is a Previously Unidentified Product of the <i>act</i> Gene Cluster in <i>Streptomyces coelicolor</i>â€œA3(2). <i>ChemBioChem</i> , 2017, 18, 1428-1434.	1.3	22
59	Looking to nature for a new concept in antimicrobial treatments: isoflavonoids from <i>Cytisus striatus</i> as antibiotic adjuvants against MRSA. <i>Scientific Reports</i> , 2017, 7, 3777.	1.6	63
60	Towards eco-friendly crop protection: natural deep eutectic solvents and defensive secondary metabolites. <i>Phytochemistry Reviews</i> , 2017, 16, 935-951.	3.1	40
61	Host and Guest: <i>Vanilla</i> Inhabited by Endophytes. , 2017, , 191-217.		0
62	Metabolomics-guided analysis of isocoumarin production by <i>Streptomyces</i> species MBT76 and biotransformation of flavonoids and phenylpropanoids. <i>Metabolomics</i> , 2016, 12, 90.	1.4	48
63	Discrimination of wild types and hybrids of <i>Duboisia myoporoides</i> and <i>Duboisia leichhardtii</i> at different growth stages using ¹ H NMR-based metabolite profiling and tropane alkaloids-targeted HPLC-MS analysis. <i>Phytochemistry</i> , 2016, 131, 44-56.	1.4	18
64	Antibiotic adjuvants from <i>Buxus sempervirens</i> to promote effective treatment of drug-resistant <i>Staphylococcus aureus</i> biofilms. <i>RSC Advances</i> , 2016, 6, 95000-95009.	1.7	15
65	Metabolic changes in <i>Euphorbia palustris</i> latex after fungal infection. <i>Phytochemistry</i> , 2016, 131, 17-25.	1.4	13
66	Seasonal Changes in Starch Content in Trophopods of<i>Matteuccia struthiopteris</i>. <i>American Fern Journal</i> , 2016, 106, 153-160.	0.2	0
67	Application of eco-metabolomics in biological science. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
68	Co-cultivation of <i>Synechocystis salina</i> and <i>Pseudokirchneriella subcapitata</i> under varying phosphorus concentrations evidences an allelopathic competition scenario. <i>RSC Advances</i> , 2016, 6, 56091-56100.	1.7	4
69	Culturing <i>Synechocystis</i> sp. Strain PCC 6803 with N ₂ and CO ₂ in a Diel Regime Reveals Multiphase Glycogen Dynamics with Low Maintenance Costs. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4180-4189.	1.4	21
70	Zebrafish as a Model for Systems Medicine R&D: Rethinking the Metabolic Effects of Carrier Solvents and Culture Buffers Determined by ¹H NMR Metabolomics. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 42-52.	1.0	11
71	Application of natural deep eutectic solvents to the extraction of anthocyanins from <i>Catharanthus roseus</i> with high extractability and stability replacing conventional organic solvents. <i>Journal of Chromatography A</i> , 2016, 1434, 50-56.	1.8	290
72	Metabolomic tool to identify antioxidant compounds of <i>Fraxinus angustifolia</i> leaf and stem bark extracts. <i>Industrial Crops and Products</i> , 2016, 88, 65-77.	2.5	32

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73	Antistaphylococcal Prenylated Acylphoroglucinol and Xanthones from <i>Kielmeyera variabilis</i> . Journal of Natural Products, 2016, 79, 470-476.	1.5	20
74	Metabolic effects of cannabinoids in zebrafish (<i>Danio rerio</i>) embryos determined by 1H NMR metabolomics. Metabolomics, 2016, 12, 1.	1.4	10
75	A simple and rapid HPLC-DAD method for simultaneously monitoring the accumulation of alkaloids and precursors in different parts and different developmental stages of <i>Catharanthus roseus</i> plants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1014, 10-16.	1.2	34
76	Leucanicidin and Endophenases Result from Methyl-Rhamnosylation by the Same Tailoring Enzymes in <i>Kitasatospora</i> sp. MBT66. ACS Chemical Biology, 2016, 11, 478-490.	1.6	25
77	Genotypic differences in metabolomic changes during storage induced-degreening of chrysanthemum disk florets. Postharvest Biology and Technology, 2016, 115, 48-59.	2.9	13
78	Metabolic profiling as a tool for prioritizing antimicrobial compounds. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 299-312.	1.4	34
79	Monoterpenoid indole alkaloids biosynthesis and its regulation in <i>Catharanthus roseus</i> : a literature review from genes to metabolites. Phytochemistry Reviews, 2016, 15, 221-250.	3.1	146
80	Incorporation of an invasive plant into a native insect herbivore food web. PeerJ, 2016, 4, e1954.	0.9	32
81	Host and Guest: <i>Vanilla</i> Inhabited by Endophytes. , 2016, , 1-28.		0
82	Probiotic supplementation influences faecal short chain fatty acids in infants at high risk for eczema. Beneficial Microbes, 2015, 6, 783-790.	1.0	51
83	Investigation of Chemomarkers of <i>Astragali Radix</i> of Different Ages and Geographical Origin by NMR Profiling. Molecules, 2015, 20, 3389-3405.	1.7	17
84	Metabolic alterations and distribution of five-carbon precursors in jasmonic acid-elicited <i>Catharanthus roseus</i> cell suspension cultures. Plant Cell, Tissue and Organ Culture, 2015, 122, 351-362.	1.2	16
85	Metabolomics in the natural products field – a gateway to novel antibiotics. Drug Discovery Today: Technologies, 2015, 13, 11-17.	4.0	73
86	Identification of novel endophenaside antibiotics produced by <i>Kitasatospora</i> sp. MBT66. Journal of Antibiotics, 2015, 68, 445-452.	1.0	23
87	Extending pharmacological dose-response curves for salsalate with natural deep eutectic solvents. RSC Advances, 2015, 5, 61398-61401.	1.7	20
88	Expanding the chemical space for natural products by <i>Aspergillus-Streptomyces</i> co-cultivation and biotransformation. Scientific Reports, 2015, 5, 10868.	1.6	74
89	Tailoring properties of natural deep eutectic solvents with water to facilitate their applications. Food Chemistry, 2015, 187, 14-19.	4.2	823
90	Metabolomics-Driven Discovery of a Prenylated Isatin Antibiotic Produced by <i>Streptomyces</i> Species MBT28. Journal of Natural Products, 2015, 78, 2355-2363.	1.5	60

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91	Fungal endophytes of <i>Vanilla planifolia</i> across Réunion Island: isolation, distribution and biotransformation. <i>BMC Plant Biology</i> , 2015, 15, 142.	1.6	26
92	Metabolomics Analysis of <i>Galium odoratum</i> (L.) Scop.: Impact of the Plant Population Origin and Growth Conditions. <i>Current Metabolomics</i> , 2015, 3, 122-129.	0.5	0
93	Effect of Acute Stresses on Zebra Fish (<i>Danio rerio</i>) Metabolome Measured by NMR-Based Metabolomics. <i>Planta Medica</i> , 2014, 80, 1227-1233.	0.7	26
94	Investigation of the Chemomarkers Correlated with Flower Colour in Different Organs of <i>Catharanthus roseus</i> Using NMR-based Metabolomics. <i>Phytochemical Analysis</i> , 2014, 25, 66-74.	1.2	13
95	New phytochemicals from the corms of medicinally important South African <i>Hypoxis</i> species. <i>Phytochemistry Letters</i> , 2014, 10, lxxix-lxxxv.	0.6	8
96	Analysis of metabolites in the terpenoid pathway of <i>Catharanthus roseus</i> cell suspensions. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 225-239.	1.2	29
97	Extraction for Metabolomics: Access to The Metabolome. <i>Phytochemical Analysis</i> , 2014, 25, 291-306.	1.2	133
98	Quantitative Analysis of Amygdalin and Prunasin in <i>Prunus serotina</i> Ehrh. using ¹ H-NMR Spectroscopy. <i>Phytochemical Analysis</i> , 2014, 25, 122-126.	1.2	37
99	Natural Product Proteomining, a Quantitative Proteomics Platform, Allows Rapid Discovery of Biosynthetic Gene Clusters for Different Classes of Natural Products. <i>Chemistry and Biology</i> , 2014, 21, 707-718.	6.2	51
100	Perturbation of polyamine catabolism affects grape ripening of <i>Vitis vinifera</i> cv. Trincadeira. <i>Plant Physiology and Biochemistry</i> , 2014, 74, 141-155.	2.8	36
101	Chemical interactions between plants in Mediterranean vegetation: The influence of selected plant extracts on <i>Aegilops geniculata</i> metabolome. <i>Phytochemistry</i> , 2014, 106, 69-85.	1.4	28
102	Eliciting antibiotics active against the ESKAPE pathogens in a collection of actinomycetes isolated from mountain soils. <i>Microbiology (United Kingdom)</i> , 2014, 160, 1714-1725.	0.7	87
103	Environmentally benign supercritical CO ₂ extraction of galanthamine from floricultural crop waste of <i>Narcissus pseudonarcissus</i> . <i>Journal of Supercritical Fluids</i> , 2014, 93, 7-19.	1.6	10
104	Natural deep eutectic solvents providing enhanced stability of natural colorants from safflower (<i>Carthamus tinctorius</i>). <i>Food Chemistry</i> , 2014, 159, 116-121.	4.2	291
105	Metabolomics: What You See is What You Extract. <i>Phytochemical Analysis</i> , 2014, 25, 289-290.	1.2	57
106	Metabolomics for the rapid dereplication of bioactive compounds from natural sources. <i>Phytochemistry Reviews</i> , 2013, 12, 293-304.	3.1	44
107	New Methods of Analysis and Investigation of Terpenoid Indole Alkaloids. <i>Advances in Botanical Research</i> , 2013, 68, 233-272.	0.5	4
108	Identification of bioactive metabolites against adenosine A ₁ receptor using NMR-based metabolomics. <i>Metabolomics</i> , 2013, 9, 778-785.	1.4	25

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109	Plant bioassay to assess the effects of allelochemicals on the metabolome of the target species <i>Aegilops geniculata</i> by an NMR-based approach. <i>Phytochemistry</i> , 2013, 93, 27-40.	1.4	34
110	Red wines attenuate TNF α production in human histiocytic lymphoma cell line: An NMR spectroscopy and chemometrics based study. <i>Food Chemistry</i> , 2013, 141, 3124-3130.	4.2	9
111	NMR-Based Metabolomics: A Probe to Utilize Biodiversity. <i>Methods in Molecular Biology</i> , 2013, 1055, 117-127.	0.4	13
112	Ionic Liquids and Deep Eutectic Solvents in Natural Products Research: Mixtures of Solids as Extraction Solvents. <i>Journal of Natural Products</i> , 2013, 76, 2162-2173.	1.5	377
113	NMR metabolomics for identification of adenosine A1 receptor binding compounds from <i>Boesenbergia rotunda</i> rhizomes extract. <i>Journal of Ethnopharmacology</i> , 2013, 150, 95-99.	2.0	21
114	Collection and trade of wild-harvested orchids in Nepal. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2013, 9, 64.	1.1	111
115	Natural deep eutectic solvents as new potential media for green technology. <i>Analytica Chimica Acta</i> , 2013, 766, 61-68.	2.6	1,748
116	Seasonal accumulation of major alkaloids in organs of pharmaceutical crop <i>Narcissus Carlton</i> . <i>Phytochemistry</i> , 2013, 88, 43-53.	1.4	47
117	Natural Deep Eutectic Solvents as a New Extraction Media for Phenolic Metabolites in <i>Carthamus tinctorius</i> L.. <i>Analytical Chemistry</i> , 2013, 85, 6272-6278.	3.2	513
118	Profiling the Jasmonic Acid Responses by Nuclear Magnetic Resonance-Based Metabolomics. <i>Methods in Molecular Biology</i> , 2013, 1011, 267-275.	0.4	0
119	An Investigation of the Antidepressant Action of Xiaoyaosan in Rats Using Ultra performance Liquid Chromatography-Mass Spectrometry Combined with Metabonomics. <i>Phytotherapy Research</i> , 2013, 27, 1074-1085.	2.8	31
120	Plant Metabolomics: From Holistic Data to Relevant Biomarkers. <i>Current Medicinal Chemistry</i> , 2013, 20, 1056-1090.	1.2	17
121	Limitation of Mitragynine Biosynthesis in <i>Mitragyna speciosa</i> (Roxb.) Korth. through Tryptamine Availability. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 394-405.	0.6	5
122	Plant Metabolomics: From Holistic Data to Relevant Biomarkers. <i>Current Medicinal Chemistry</i> , 2013, 20, 1056-1090.	1.2	127
123	Plant metabolomics: from holistic data to relevant biomarkers. <i>Current Medicinal Chemistry</i> , 2013, 20, 1056-90.	1.2	136
124	Limitation of mitragynine biosynthesis in <i>Mitragyna speciosa</i> (Roxb.) Korth. through tryptamine availability. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 394-405.	0.6	0
125	Metabolic Fingerprinting by ¹ HNMR for Discrimination of the Two Species Used as <i>Radix Bupleuri</i> . <i>Planta Medica</i> , 2012, 78, 926-933.	0.7	22
126	Effects of fungicides on galanthamine and metabolite profiles in <i>Narcissus</i> bulbs. <i>Plant Physiology and Biochemistry</i> , 2012, 58, 116-123.	2.8	14

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127	NMR spectroscopy and chemometrics as a tool for anti-TNF α activity screening in crude extracts of grapes and other berries. <i>Metabolomics</i> , 2012, 8, 1148-1161.	1.4	19
128	¹ H-NMR-based metabolomics approach to understanding the drying effects on the phytochemicals in <i>Cosmos caudatus</i> . <i>Food Research International</i> , 2012, 49, 763-770.	2.9	75
129	Metabolic fingerprinting of Tomato Mosaic Virus infected <i>Solanum lycopersicum</i> . <i>Journal of Plant Physiology</i> , 2012, 169, 1586-1596.	1.6	64
130	Metabolomic Plasticity in GM and Non-GM Potato Leaves in Response to Aphid Herbivory and Virus Infection. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1488-1493.	2.4	18
131	Pharmacokinetic and pharmacodynamic interaction between nifedipine and metformin in rats: competitive inhibition for metabolism of nifedipine and metformin by each other via CYP isozymes. <i>Xenobiotica</i> , 2012, 42, 483-495.	0.5	22
132	Alterations in grapevine leaf metabolism upon inoculation with <i>Plasmopara viticola</i> in different time-points. <i>Plant Science</i> , 2012, 191-192, 100-107.	1.7	51
133	A comparison on the metabolic profiling of the Mexican anxiolytic and sedative plant <i>Galphimia glauca</i> four years later. <i>Journal of Ethnopharmacology</i> , 2012, 141, 964-974.	2.0	26
134	Metabolome of <i>Vanilla planifolia</i> (Orchidaceae) and related species under <i>Cymbidium mosaic virus</i> (CymMV) infection. <i>Plant Physiology and Biochemistry</i> , 2012, 60, 25-34.	2.8	12
135	Overexpression of ORCA3 and G10H in <i>Catharanthus roseus</i> Plants Regulated Alkaloid Biosynthesis and Metabolism Revealed by NMR-Metabolomics. <i>PLoS ONE</i> , 2012, 7, e43038.	1.1	107
136	INVESTIGATION OF BRASSICA BIOCHEMICAL STATUS BY NMR-BASED METABOLOMICS. <i>Acta Horticulturae</i> , 2012, , 163-172.	0.1	5
137	Induction, characterization, and NMR-based metabolic profiling of adventitious root cultures from leaf explants of <i>Gynura procumbens</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 465-475.	1.2	30
138	Transgressive segregation of primary and secondary metabolites in F2 hybrids between <i>Jacobaea aquatica</i> and <i>J. vulgaris</i> . <i>Metabolomics</i> , 2012, 8, 211-219.	1.4	23
139	Differential tissue distribution of metabolites in <i>Jacobaea vulgaris</i> , <i>Jacobaea aquatica</i> and their crosses. <i>Phytochemistry</i> , 2012, 78, 89-97.	1.4	33
140	Metabolite Analysis of <i>Cannabis sativa</i> L. by NMR Spectroscopy. <i>Methods in Molecular Biology</i> , 2012, 815, 363-375.	0.4	13
141	Effect of Fertilizers on Galanthamine and Metabolite Profiles in <i>Narcissus</i> Bulbs by ¹ H NMR. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3155-3161.	2.4	27
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279	Optimum SFE condition for lignans of <i>Schisandra chinensis</i> fruits. <i>Chromatographia</i> , 1998, 48, 695-699.	0.7	21
280	Steroidal glycosides of the 14,15-Seco-18-Nor-Pregnane series from <i>Cynanchum ascyrifolium</i> . <i>Phytochemistry</i> , 1998, 49, 1129-1133.	1.4	23
281	Supercritical Carbon Dioxide Extraction of Podophyllotoxin from <i>Diosma pleiantha</i> Roots. <i>Planta Medica</i> , 1998, 64, 482-483.	0.7	16
282	Effect of Functional Groups on the Solubilities of Coumarin Derivatives in Supercritical Carbon Dioxide. <i>ACS Symposium Series</i> , 1997, , 110-118.	0.5	2
283	Supercritical fluid extraction and bioassay identification of prodrug substances from natural resources. <i>Korean Journal of Chemical Engineering</i> , 1997, 14, 109-116.	1.2	7
284	Comparison of supercritical carbon dioxide extraction with solvent extraction of nonacosan-10-ol, Î±-amyrin acetate, squalene and stigmasterol from medicinal plants. <i>Phytochemical Analysis</i> , 1997, 8, 233-237.	1.2	14
285	Extraction of epicuticular wax and nonacosan-10-OL from <i>Ephedra</i> herb utilizing supercritical carbon dioxide. <i>Korean Journal of Chemical Engineering</i> , 1996, 13, 216-219.	1.2	17
286	A flavonoid diglycoside from <i>Lepisorus ussuriensis</i> . <i>Phytochemistry</i> , 1996, 43, 1111-1113.	1.4	9
287	Plant Anticancer Agents, XLVI. Cytotoxic Casbane-Type Constituents of <i>Agrostistachys hookeri</i> . <i>Journal of Natural Products</i> , 1988, 51, 110-116.	1.5	23
288	Metabolomic Investigation of <i>Citrus latifolia</i> and the Putative Role of Coumarins in Resistance to Black Spot Disease. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	5