

# David R Gang

## List of Publications by Year in descending order

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125  
papers

9,588  
citations

38742

50  
h-index

38395

95  
g-index

129  
all docs

129  
docs citations

129  
times ranked

10943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation of Salicylic Acid and Related Metabolites in <i>Selaginella moellendorffii</i> . <i>Plants</i> , 2022, 11, 461.	3.5	4
2	Root Exudates Alter the Expression of Diverse Metabolic, Transport, Regulatory, and Stress Response Genes in Rhizosphere <i>Pseudomonas</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 651282.	3.5	58
3	The Evolution of Smoking and Intoxicant Plant Use in Ancient Northwestern North America. <i>American Antiquity</i> , 2021, 86, 715-733.	1.1	4
4	Changes in the Harpagide, Harpagoside, and Verbascoside Content of Field Grown <i>Scrophularia lanceolata</i> and <i>Scrophularia marilandica</i> in Response to Season and Shade. <i>Metabolites</i> , 2021, 11, 464.	2.9	2
5	Metabolomics-based analysis of miniature flask contents identifies tobacco mixture use among the ancient Maya. <i>Scientific Reports</i> , 2021, 11, 1590.	3.3	13
6	Untargeted Metabolomic Investigation of Wheat Infected with Stinking Smut <i>Tilletia caries</i> . <i>Phytopathology</i> , 2021, 111, 2343-2354.	2.2	1
7	Growth of <i>Candidatus Liberibacter asiaticus</i> ™ in a host-free microbial culture is associated with microbial community composition. <i>Enzyme and Microbial Technology</i> , 2020, 142, 109691.	3.2	7
8	An Ancient Residue Metabolomics-Based Method to Distinguish Use of Closely Related Plant Species in Ancient Pipes. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 133.	3.5	8
9	Organic Farming Sharpens Plant Defenses in the Field. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	3.9	11
10	Extractability, stability, and accumulation of nepetoidins in <i>Ocimum basilicum</i> L. leaves and cell cultures. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 143, 75-85.	2.3	4
11	Plant science decadal vision 2020–2030: Reimagining the potential of plants for a healthy and sustainable future. <i>Plant Direct</i> , 2020, 4, e00252.	1.9	26
12	Chronic Sublethal Aluminum Exposure and <i>Avena fatua</i> Caryopsis Colonization Influence Gene Expression of <i>Fusarium avenaceum</i> F.a.1. <i>Frontiers in Microbiology</i> , 2020, 11, 51.	3.5	2
13	Metabolomic Diversity and Identification of Antibacterial Activities of Bacteria Isolated From Marine Sediments in Hawai'i and Puerto Rico. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 23.	3.5	8
14	Controlled replication of <i>Candidatus Liberibacter asiaticus</i> DNA in citrus leaf discs. <i>Microbial Biotechnology</i> , 2020, 13, 747-759.	4.2	7
15	Host-free biofilm culture of <i>Candidatus Liberibacter asiaticus</i> , the bacterium associated with Huanglongbing. <i>Biofilm</i> , 2019, 1, 100005.	3.8	29
16	The infection of its insect vector by bacterial plant pathogen " <i>Candidatus Liberibacter solanacearum</i> " is associated with altered vector physiology. <i>Enzyme and Microbial Technology</i> , 2019, 129, 109358.	3.2	6
17	Physiochemical changes mediated by <i>Candidatus Liberibacter asiaticus</i> in Asian citrus psyllids. <i>Scientific Reports</i> , 2019, 9, 16375.	3.3	13
18	Extracellular ATP Shapes a Defense-Related Transcriptome Both Independently and along with Other Defense Signaling Pathways. <i>Plant Physiology</i> , 2019, 179, 1144-1158.	4.8	99

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19	Dental calculus as a source of ancient alkaloids: Detection of nicotine by LC-MS in calculus samples from the Americas. <i>Journal of Archaeological Science: Reports</i> , 2018, 18, 509-515.	0.5	18
20	Production of methoxylated flavonoids in yeast using ring A hydroxylases and flavonoid O-methyltransferases from sweet basil. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5585-5598.	3.6	15
21	Analyses of organic residue from a conical pipe from the Niles-Wolford Mound (33Pi3), Pickaway County, Ohio. <i>Journal of Archaeological Science: Reports</i> , 2018, 19, 658-668.	0.5	0
22	Biosynthetic Pathway and Metabolic Engineering of Plant Dihydrochalcones. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 2273-2280.	5.2	39
23	Porcine Breast Extracellular Matrix Hydrogel for Spatial Tissue Culture. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2912.	4.1	15
24	Biomolecular archaeology reveals ancient origins of indigenous tobacco smoking in North American Plateau. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11742-11747.	7.1	36
25	Production of the antibiotic secondary metabolite solanapyrone A by the fungal plant pathogen <i>Ascochyta rabiei</i> during fruiting body formation in saprobic growth. <i>Environmental Microbiology</i> , 2017, 19, 1822-1835.	3.8	13
26	Functional photosystem I maintains proper energy balance during nitrogen depletion in <i>Chlamydomonas reinhardtii</i> , promoting triacylglycerol accumulation. <i>Biotechnology for Biofuels</i> , 2017, 10, 89.	6.2	19
27	A (6 <sup>+</sup> )-kolavenyl diphosphate synthase catalyzes the first step of salvinin A biosynthesis in <i>Salvia divinorum</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 1109-1122.	4.8	28
28	Iridoid and phenylethanoid/phenylpropanoid metabolite profiles of <i>Scrophularia</i> and <i>Verbascum</i> species used medicinally in North America. <i>Metabolomics</i> , 2017, 13, 1.	3.0	10
29	Integrated analysis of zone-specific protein and metabolite profiles within nitrogen-fixing <i>Medicago truncatula</i> - <i>Sinorhizobium medicae</i> nodules. <i>PLoS ONE</i> , 2017, 12, e0180894.	2.5	14
30	Use of metabolomics for the chemotaxonomy of legume-associated <i>Ascochyta</i> and allied genera. <i>Scientific Reports</i> , 2016, 6, 20192.	3.3	29
31	Fecal Metabolome in Hmga1 Transgenic Mice with Polyposis: Evidence for Potential Screen for Early Detection of Precursor Lesions in Colorectal Cancer. <i>Journal of Proteome Research</i> , 2016, 15, 4176-4187.	3.7	10
32	AMPK/Î±-Ketoglutarate Axis Dynamically Mediates DNA Demethylation in the Prdm16 Promoter and Brown Adipogenesis. <i>Cell Metabolism</i> , 2016, 24, 542-554.	16.2	195
33	Assessment of photosynthesis regulation in mixotrophically cultured microalga <i>Chlorella sorokiniana</i> . <i>Algal Research</i> , 2016, 19, 30-38.	4.6	44
34	9-Fluorenylmethyl (Fm) Disulfides: Biomimetic Precursors for Persulfides. <i>Organic Letters</i> , 2016, 18, 904-907.	4.6	65
35	Methoxylated flavones: occurrence, importance, biosynthesis. <i>Phytochemistry Reviews</i> , 2016, 15, 363-390.	6.5	65
36	Colonization of Epidermal Tissue by <i>Staphylococcus aureus</i> Produces Localized Hypoxia and Stimulates Secretion of Antioxidant and Caspase-14 Proteins. <i>Infection and Immunity</i> , 2015, 83, 3026-3034.	2.2	14

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37	Identification of regulatory network hubs that control lipid metabolism in <i>Chlamydomonas reinhardtii</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 4551-4566.	4.8	100
38	HMGA1 Drives Metabolic Reprogramming of Intestinal Epithelium during Hyperproliferation, Polyposis, and Colorectal Carcinogenesis. <i>Journal of Proteome Research</i> , 2015, 14, 1420-1431.	3.7	30
39	Determining the Isomeric Heterogeneity of Neutral Oligosaccharide-Alditols of Bovine Submaxillary Mucin Using Negative Ion Traveling Wave Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 2228-2235.	6.5	27
40	Regulation of starch and lipid accumulation in a microalga <i>Chlorella sorokiniana</i> . <i>Bioresource Technology</i> , 2015, 180, 250-257.	9.6	110
41	The Regulation of Photosynthetic Structure and Function during Nitrogen Deprivation in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2015, 167, 558-573.	4.8	94
42	Identification of a Unique 2-Oxoglutarate-Dependent Flavone 7-O-Demethylase Completes the Elucidation of the Lipophilic Flavone Network in Basil. <i>Plant and Cell Physiology</i> , 2015, 56, 126-136.	3.1	13
43	Functional Analyses of the Diels-Alderase Gene <i>sol5</i> of <i>Ascochyta rabiei</i> and <i>Alternaria solani</i> Indicate that the Solanapyrone Phytotoxins Are Not Required for Pathogenicity. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 482-496.	2.6	43
44	Comparative Proteomic Analysis of Developing Rhizomes of the Ancient Vascular Plant <i>Equisetum hyemale</i> and Different Monocot Species. <i>Journal of Proteome Research</i> , 2015, 14, 1779-1791.	3.7	8
45	Neutral red-mediated microbial electrosynthesis by <i>Escherichia coli</i> , <i>Klebsiella pneumoniae</i> , and <i>Zymomonas mobilis</i> . <i>Bioresource Technology</i> , 2015, 195, 57-65.	9.6	58
46	Characterizing metabolic changes in human colorectal cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4581-4595.	3.7	50
47	<i>Staphylococcus aureus</i> Induces Hypoxia and Cellular Damage in Porcine Dermal Explants. <i>Infection and Immunity</i> , 2015, 83, 2531-2541.	2.2	52
48	A Novel Type Pathway-Specific Regulator and Dynamic Genome Environments of a Solanapyrone Biosynthesis Gene Cluster in the Fungus <i>Ascochyta rabiei</i> . <i>Eukaryotic Cell</i> , 2015, 14, 1102-1113.	3.4	15
49	The response of <i>Chlamydomonas reinhardtii</i> to nitrogen deprivation: a systems biology analysis. <i>Plant Journal</i> , 2015, 81, 611-624.	5.7	207
50	Asian Citrus Psyllid Expression Profiles Suggest Candidatus <i>Liberibacter asiaticus</i> -Mediated Alteration of Adult Nutrition and Metabolism, and of Nymphal Development and Immunity. <i>PLoS ONE</i> , 2015, 10, e0130328.	2.5	85
51	LC-MS determination of L-DOPA concentration in the leaf and flower tissues of six faba bean ( <i>Vicia</i> ) Tj ETQq1 1 0.784314 rgBT /Overl... 243.	0.6	12
52	Functional Analyses of the Diels-Alderase Genes <i>sol5</i> of <i>Ascochyta rabiei</i> and <i>Alternaria solani</i> Indicate that the Solanapyrone Phytotoxins Are Not Required for Pathogenicity. <i>Molecular Plant-Microbe Interactions</i> , 2015, 2015, 1-15.	2.6	18
53	Comparison of Potato and Asian Citrus Psyllid Adult and Nymph Transcriptomes Identified Vector Transcripts with Potential Involvement in Circulative, Propagative <i>Liberibacter</i> Transmission. <i>Pathogens</i> , 2014, 3, 875-907.	2.8	37
54	Characterization of a Tryptophan 2-Monooxygenase Gene from <i>Puccinia graminis</i> f. sp. <i>tritici</i> Involved in Auxin Biosynthesis and Rust Pathogenicity. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 227-235.	2.6	61

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55	The Potato Tuber Mitochondrial Proteome. <i>Plant Physiology</i> , 2014, 164, 637-653.	4.8	122
56	A systems-wide comparison of red rice ( <i>Oryza longistaminata</i> ) tissues identifies rhizome specific genes and proteins that are targets for cultivated rice improvement. <i>BMC Plant Biology</i> , 2014, 14, 46.	3.6	43
57	Somatic embryogenesis and <i>Agrobacterium</i> -mediated transformation of turmeric ( <i>Curcuma longa</i> ). <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 116, 333-342.	2.3	14
58	Identification and cloning of an NADPH-dependent hydroxycinnamoyl-CoA double bond reductase involved in dihydrochalcone formation in <i>Malus domestica</i> Borkh.. <i>Phytochemistry</i> , 2014, 107, 24-31.	2.9	31
59	Use of coupled ion mobility spectrometry-time of flight mass spectrometry to analyze saturated and unsaturated phenylpropanoic acids and chalcones. <i>Chemistry Central Journal</i> , 2014, 8, 38.	2.6	4
60	Unexpected roles for ancient proteins: flavone 8-hydroxylase in sweet basil trichomes is a Rieske-type, <sup>2</sup>-PAO family oxygenase. <i>Plant Journal</i> , 2014, 80, 385-395.	5.7	29
61	Ginger and turmeric expressed sequence tags identify signature genes for rhizome identity and development and the biosynthesis of curcuminoids, gingerols and terpenoids. <i>BMC Plant Biology</i> , 2013, 13, 27.	3.6	61
62	Ion mobility-mass correlation trend line separation of glycoprotein digests without deglycosylation. <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 105-115.	1.4	25
63	Genome of the long-living sacred lotus ( <i>Nelumbo nucifera</i> Gaertn.). <i>Genome Biology</i> , 2013, 14, R41.	9.6	329
64	A Dynamic Model for Phytohormone Control of Rhizome Growth and Development. , 2013, , 143-165.		3
65	Carbohydrate Structure Characterization by Tandem Ion Mobility Mass Spectrometry (IMMS) <sup>2</sup> . <i>Analytical Chemistry</i> , 2013, 85, 2760-2769.	6.5	69
66	Characterization of two candidate flavone 8-O-methyltransferases suggests the existence of two potential routes to nevadensin in sweet basil. <i>Phytochemistry</i> , 2013, 92, 33-41.	2.9	24
67	Production of huperzine A and other Lycopodium alkaloids in <i>Huperzia</i> species grown under controlled conditions and in vitro. <i>Phytochemistry</i> , 2013, 91, 208-219.	2.9	31
68	Next-Generation Sequencing-Based Transcriptional Profiling of Sacred Lotus "China Antique". <i>Tropical Plant Biology</i> , 2013, 6, 161-179.	1.9	13
69	The Roles of a Flavone-6-Hydroxylase and 7-O-Demethylation in the Flavone Biosynthetic Network of Sweet Basil. <i>Journal of Biological Chemistry</i> , 2013, 288, 1795-1805.	3.4	60
70	Ion mobility mass spectrometry analysis of isomeric disaccharide precursor, product and cluster ions. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2699-2709.	1.5	34
71	TCW: Transcriptome Computational Workbench. <i>PLoS ONE</i> , 2013, 8, e69401.	2.5	17
72	A Set of Regioselective <i>O</i> -Methyltransferases Gives Rise to the Complex Pattern of Methoxylated Flavones in Sweet Basil. <i>Plant Physiology</i> , 2012, 160, 1052-1069.	4.8	49

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73	Next-generation sequencing-based transcriptomic and proteomic analysis of the common reed, <i>Phragmites australis</i> (Poaceae), reveals genes involved in invasiveness and rhizome specificity. <i>American Journal of Botany</i> , 2012, 99, 232-247.	1.7	49
74	A SABATH Methyltransferase from the moss <i>Physcomitrella patens</i> catalyzes S-methylation of thiols and has a role in detoxification. <i>Phytochemistry</i> , 2012, 81, 31-41.	2.9	25
75	An elm EST database for identifying leaf beetle egg-induced defense genes. <i>BMC Genomics</i> , 2012, 13, 242.	2.8	27
76	Large-Scale Proteome Comparative Analysis of Developing Rhizomes of the Ancient Vascular Plant <i>Equisetum Hyemale</i> . <i>Frontiers in Plant Science</i> , 2012, 3, 131.	3.6	16
77	Suites of Terpene Synthases Explain Differential Terpenoid Production in Ginger and Turmeric Tissues. <i>PLoS ONE</i> , 2012, 7, e51481.	2.5	37
78	Comparative Functional Genomic Analysis of <i>Solanum</i> Glandular Trichome Types. <i>Plant Physiology</i> , 2011, 155, 524-539.	4.8	168
79	Sulfinylated azadecalins act as functional mimics of a pollen germination stimulant in <i>Arabidopsis</i> pistils. <i>Plant Journal</i> , 2011, 68, 800-815.	5.7	29
80	Incorporation of non-natural nucleotides into template-switching oligonucleotides reduces background and improves cDNA synthesis from very small RNA samples. <i>BMC Genomics</i> , 2010, 11, 413.	2.8	48
81	Studies of a Biochemical Factory: Tomato Trichome Deep Expressed Sequence Tag Sequencing and Proteomics. <i>Plant Physiology</i> , 2010, 153, 1212-1223.	4.8	117
82	Modules of co-regulated metabolites in turmeric ( <i>Curcuma longa</i> ) rhizome suggest the existence of biosynthetic modules in plant specialized metabolism. <i>Journal of Experimental Botany</i> , 2009, 60, 87-97.	4.8	29
83	Identification of candidate genes affecting $\delta^9$ -tetrahydrocannabinol biosynthesis in <i>Cannabis sativa</i> . <i>Journal of Experimental Botany</i> , 2009, 60, 3715-3726.	4.8	130
84	In vitro production of huperzine A, a promising drug candidate for Alzheimer's disease. <i>Phytochemistry</i> , 2008, 69, 2022-2028.	2.9	86
85	A systems biology investigation of the MEP/terpenoid and shikimate/phenylpropanoid pathways points to multiple levels of metabolic control in sweet basil glandular trichomes. <i>Plant Journal</i> , 2008, 54, 349-361.	5.7	132
86	Ginger and Turmeric Ancient Spices and Modern Medicines. , 2008, , 299-311.		7
87	Identifying Substrates and Products of Enzymes of Plant Volatile Biosynthesis with the Help of Metabolic Profiling. , 2007, , 169-182.		0
88	Evolution of Cinnamate-Coumarate Carboxyl Methyltransferases and Their Role in the Biosynthesis of Methylcinnamate. <i>Plant Cell</i> , 2007, 19, 3212-3229.	6.6	66
89	Huperzine A from <i>Huperzia species</i> —An ethnopharmacological review. <i>Journal of Ethnopharmacology</i> , 2007, 113, 15-34.	4.1	251
90	Characterization and identification of diarylheptanoids in ginger ( <i>Zingiber officinale</i> Rosc.) using high-performance liquid chromatography/electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 509-518.	1.5	64

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91	Metabolic Profiling of Turmeric ( <i>Curcuma longa</i> L.) Plants Derived from in Vitro Micropropagation and Conventional Greenhouse Cultivation. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9573-9583.	5.2	52
92	Chavicol formation in sweet basil ( <i>Ocimum basilicum</i> ): cleavage of an esterified C9 hydroxyl group with NAD(P)H-dependent reduction. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2733-2744.	2.8	70
93	Applications of Metabolomics in Agriculture. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8984-8994.	5.2	223
94	Developmental Regulation of Phenylpropanoid Biosynthesis in Leaves and Glandular Trichomes of Basil ( <i>Ocimum basilicum</i> L.). <i>International Journal of Plant Sciences</i> , 2006, 167, 447-454.	1.3	21
95	A survey of potential huperzine A natural resources in China: The Huperziaceae. <i>Journal of Ethnopharmacology</i> , 2006, 104, 54-67.	4.1	80
96	Analysis of curcuminoids by positive and negative electrospray ionization and tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1001-1012.	1.5	89
97	Instrument dependence of electrospray ionization and tandem mass spectrometric fragmentation of the gingerols. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3089-3100.	1.5	35
98	Use of liquid chromatography-electrospray ionization tandem mass spectrometry to identify diarylheptanoids in turmeric ( <i>Curcuma longa</i> L.) rhizome. <i>Journal of Chromatography A</i> , 2006, 1111, 21-31.	3.7	108
99	Biosynthesis of curcuminoids and gingerols in turmeric ( <i>Curcuma longa</i> ) and ginger ( <i>Zingiber</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Phytochemistry</i> , 2006, 67, 2017-2029.	2.9	106
100	Metabolic profiling of in vitro micropropagated and conventionally greenhouse grown ginger ( <i>Zingiber officinale</i> ). <i>Phytochemistry</i> , 2006, 67, 2239-2255.	2.9	40
101	Metabolic profiling and phylogenetic analysis of medicinal <i>Zingiber</i> species: Tools for authentication of ginger ( <i>Zingiber officinale</i> Rosc.). <i>Phytochemistry</i> , 2006, 67, 1673-1685.	2.9	138
102	Eugenol and isoeugenol, characteristic aromatic constituents of spices, are biosynthesized via reduction of a coniferyl alcohol ester. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10128-10133.	7.1	323
103	The Lycopodium Alkaloids. <i>ChemInform</i> , 2005, 36, no.	0.0	0
104	Characterization of gingerol-related compounds in ginger rhizome ( <i>Zingiber officinale</i> Rosc.) by high-performance liquid chromatography/electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2957-2964.	1.5	111
105	Metabolic, Genomic, and Biochemical Analyses of Glandular Trichomes from the Wild Tomato Species <i>Lycopersicon hirsutum</i> Identify a Key Enzyme in the Biosynthesis of Methylketones. <i>Plant Cell</i> , 2005, 17, 1252-1267.	6.6	162
106	EVOLUTION OF FLAVORS AND SCENTS. <i>Annual Review of Plant Biology</i> , 2005, 56, 301-325.	18.7	138
107	Is There a Better Source of Huperzine A than <i>Huperzia serrata</i> ? Huperzine A Content of Huperziaceae Species in China. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 1393-1398.	5.2	83
108	Characterization of Geraniol Synthase from the Peltate Glands of Sweet Basil. <i>Plant Physiology</i> , 2004, 134, 370-379.	4.8	242

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109	Understanding in Vivo Benzenoid Metabolism in Petunia Petal Tissue. <i>Plant Physiology</i> , 2004, 135, 1993-2011.	4.8	384
110	The Biochemical and Molecular Basis for the Divergent Patterns in the Biosynthesis of Terpenes and Phenylpropenes in the Peltate Glands of Three Cultivars of Basil. <i>Plant Physiology</i> , 2004, 136, 3724-3736.	4.8	210
111	The Lycopodium alkaloids. <i>Natural Product Reports</i> , 2004, 21, 752.	10.3	611
112	New Secondary Metabolites: Potential Evolution. , 2004, , 818-821.		0
113	Crystal Structures of Pinoresinol-Lariciresinol and Phenylcoumaran Benzylic Ether Reductases and Their Relationship to Isoflavone Reductases. <i>Journal of Biological Chemistry</i> , 2003, 278, 50714-50723.	3.4	85
114	Differential Production of meta Hydroxylated Phenylpropanoids in Sweet Basil Peltate Glandular Trichomes and Leaves Is Controlled by the Activities of Specific Acyltransferases and Hydroxylases. <i>Plant Physiology</i> , 2002, 130, 1536-1544.	4.8	105
115	Characterization of Phenylpropene O-Methyltransferases from Sweet Basil. <i>Plant Cell</i> , 2002, 14, 505-519.	6.6	224
116	Peltate Glandular Trichomes of <i>Ocimum basilicum</i> L. (Sweet Basil) Contain High Levels of Enzymes Involved in the Biosynthesis of Phenylpropenes. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2002, 9, 189-195.	1.1	14
117	An Investigation of the Storage and Biosynthesis of Phenylpropenes in Sweet Basil. <i>Plant Physiology</i> , 2001, 125, 539-555.	4.8	432
118	Genetics and biochemistry of secondary metabolites in plants: an evolutionary perspective. <i>Trends in Plant Science</i> , 2000, 5, 439-445.	8.8	645
119	Recombinant Pinoresinol-Lariciresinol Reductases from Western Red Cedar ( <i>Thuja plicata</i> ) Catalyze Opposite Enantiospecific Conversions. <i>Journal of Biological Chemistry</i> , 1999, 274, 618-627.	3.4	83
120	Evolution of Plant Defense Mechanisms. <i>Journal of Biological Chemistry</i> , 1999, 274, 7516-7527.	3.4	173
121	Regiochemical control of monolignol radical coupling: A new paradigm for lignin and lignan biosynthesis. <i>Chemistry and Biology</i> , 1999, 6, 143-151.	6.0	175
122	The 'Abnormal Lignins': Mapping Heartwood Formation Through the Lignan Biosynthetic Pathway. <i>ACS Symposium Series</i> , 1998, , 389-421.	0.5	23
123	Phylogenetic Links in Plant Defense Systems: Lignans, Isoflavonoids, and Their Reductases. <i>ACS Symposium Series</i> , 1997, , 58-89.	0.5	17
124	(+)-Pinoresinol/(+)-Lariciresinol Reductase from <i>Forsythia intermedia</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 29473-29482.	3.4	176
125	Seasonal variation in volatile secondary compounds of <i>Chrysothamnus nauseosus</i> (Pallas) Britt.; <i>Asteraceae</i> ssp. <i>hololeucus</i> (Gray) Hall. & Clem. Influences herbivory. <i>Journal of Chemical Ecology</i> , 1994, 20, 2055-2063.	1.8	16