

Robert Edwards

List of Publications by Year in descending order

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155
papers

12,102
citations

32410

55
h-index

33145

104
g-index

157
all docs

157
docs citations

157
times ranked

11911
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Cytochrome P450s with Key Roles in Determining Herbicide Selectivity in Maize. ACS Omega, 2022, 7, 17416-17431.	1.6	11
2	Target-Site and Non-target-Site Resistance Mechanisms Confer Multiple and Cross-Resistance to ALS and ACCase Inhibiting Herbicides in <i>Lolium rigidum</i> From Spain. Frontiers in Plant Science, 2021, 12, 625138.	1.7	38
3	Non-target Site Herbicide Resistance Is Conferred by Two Distinct Mechanisms in Black-Grass (<i>Alopecurus myosuroides</i>). Frontiers in Plant Science, 2021, 12, 636652.	1.7	37
4	Flavonoid-based inhibitors of the Phi-class glutathione transferase from black-grass to combat multiple herbicide resistance. Organic and Biomolecular Chemistry, 2021, 19, 9211-9222.	1.5	4
5	Chemically induced herbicide tolerance in rice by the safener metcamifen is associated with a phased stress response. Journal of Experimental Botany, 2020, 71, 411-421.	2.4	18
6	Evolution of generalist resistance to herbicide mixtures reveals a trade-off in resistance management. Nature Communications, 2020, 11, 3086.	5.8	63
7	Safening activity and metabolism of the safener cyprosulfamide in maize and wheat. Pest Management Science, 2020, 76, 3413-3422.	1.7	17
8	Detection and characterization of resistance to acetolactate synthase inhibiting herbicides in <i>Anisantha</i> and <i>Bromus</i> species in the United Kingdom. Pest Management Science, 2020, 76, 2473-2482.	1.7	21
9	Resisting resistance: new applications for molecular diagnostics in crop protection. Biochemist, 2020, 42, 6-12.	0.2	2
10	Herbicide Metabolism: Crop Selectivity, Bioactivation, Weed Resistance, and Regulation. Weed Science, 2019, 67, 149-175.	0.8	62
11	A coupled role for <i>CsMYB75</i> and <i>CsGSTF1</i> in anthocyanin hyperaccumulation in purple tea. Plant Journal, 2019, 97, 825-840.	2.8	105
12	In Focus: Innovative crop protection for 21 st century food security. Pest Management Science, 2018, 74, 779-780.	1.7	0
13	Glutathione transferases catalyze recycling of auto-toxic cyanogenic glucosides in sorghum. Plant Journal, 2018, 94, 1109-1125.	2.8	60
14	Changes in the proteome of the problem weed blackgrass correlating with multiple herbicide resistance. Plant Journal, 2018, 94, 709-720.	2.8	38
15	Testing a chemical series inspired by plant stress oxylipin signalling agents for herbicide safening activity. Pest Management Science, 2018, 74, 828-836.	1.7	22
16	Substrate specificity and safener inducibility of the plant UDP-glucose-dependent family 1 glycosyltransferase superfamily. Plant Biotechnology Journal, 2018, 16, 337-348.	4.1	51
17	Protein-Ligand Fishing in planta for Biologically Active Natural Products Using Glutathione Transferases. Frontiers in Plant Science, 2018, 9, 1659.	1.7	11
18	Tolerance of Transplastomic Tobacco Plants Overexpressing a Theta Class Glutathione Transferase to Abiotic and Oxidative Stresses. Frontiers in Plant Science, 2018, 9, 1861.	1.7	13

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19	Transcriptome sequencing identifies novel persistent viruses in herbicide resistant wild-grasses. <i>Scientific Reports</i> , 2017, 7, 41987.	1.6	26
20	Structural evidence for <i>Arabidopsis</i> glutathione transferase <i>At</i> GSTF2 functioning as a transporter of small organic ligands. <i>FEBS Open Bio</i> , 2017, 7, 122-132.	1.0	23
21	Potential roles for microbial endophytes in herbicide tolerance in plants. <i>Pest Management Science</i> , 2016, 72, 203-209.	1.7	56
22	Abstract 230: Protein Farnesylation Inhibitor Tipifarnib Prevents Development of Chronic Hypoxia-induced Pulmonary Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	1.1	0
23	Plant synthetic biology: a new platform for industrial biotechnology. <i>Journal of Experimental Botany</i> , 2014, 65, 1927-1937.	2.4	32
24	Focus on Weed Control. <i>Plant Physiology</i> , 2014, 166, 1087-1089.	2.3	11
25	Metabolic engineering of the flavone-C-glycoside pathway using polyprotein technology. <i>Metabolic Engineering</i> , 2013, 16, 11-20.	3.6	54
26	Priority research questions for the UK food system. <i>Food Security</i> , 2013, 5, 617-636.	2.4	67
27	Protective responses induced by herbicide safeners in wheat. <i>Environmental and Experimental Botany</i> , 2013, 88, 93-99.	2.0	50
28	Key role for a glutathione transferase in multiple-herbicide resistance in grass weeds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5812-5817.	3.3	261
29	Elucidation of the biosynthesis of the di-C-glycosylflavone isoschaftoside, an allelopathic component from <i>Desmodium</i> spp. that inhibits <i>Striga</i> spp. development. <i>Phytochemistry</i> , 2012, 84, 169-176.	1.4	27
30	Excessive folate synthesis limits lifespan in the <i>C. elegans</i> : <i>E. coli</i> aging model. <i>BMC Biology</i> , 2012, 10, 67.	1.7	102
31	Multiple roles for plant glutathione transferases in xenobiotic detoxification. <i>Drug Metabolism Reviews</i> , 2011, 43, 266-280.	1.5	329
32	New Perspectives on the Metabolism and Detoxification of Synthetic Compounds in Plants. <i>Plant Ecophysiology</i> , 2011, , 125-148.	1.5	44
33	The <i>Arabidopsis</i> phi class glutathione transferase <i>At</i> GSTF2: binding and regulation by biologically active heterocyclic ligands. <i>Biochemical Journal</i> , 2011, 438, 63-70.	1.7	64
34	Plants: biofactories for a sustainable future?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 1826-1839.	1.6	19
35	Conserved cysteine residues in the mammalian lamin A tail are essential for cellular responses to ROS generation. <i>Aging Cell</i> , 2011, 10, 1067-1079.	3.0	79
36	Roles for glutathione transferases in antioxidant recycling. <i>Plant Signaling and Behavior</i> , 2011, 6, 1223-1227.	1.2	42

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37	Xenobiotic Responsiveness of <i>Arabidopsis thaliana</i> to a Chemical Series Derived from a Herbicide Safener. <i>Journal of Biological Chemistry</i> , 2011, 286, 32268-32276.	1.6	61
38	Glutathione Transferases. <i>The Arabidopsis Book</i> , 2010, 8, e0131.	0.5	183
39	Halomethane Biosynthesis: Structure of a SAM-Dependent Halide Methyltransferase from <i>Arabidopsis thaliana</i> . <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3646-3648.	7.2	50
40	Roles for glutathione transferases in plant secondary metabolism. <i>Phytochemistry</i> , 2010, 71, 338-350.	1.4	409
41	BODIPY probes to study peroxisome dynamics in vivo. <i>Plant Journal</i> , 2010, 62, 529-538.	2.8	34
42	Roles for Stress-inducible Lambda Glutathione Transferases in Flavonoid Metabolism in Plants as Identified by Ligand Fishing. <i>Journal of Biological Chemistry</i> , 2010, 285, 36322-36329.	1.6	73
43	Fluorescence quenched quinone methide based activity probes – a cautionary tale. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1610.	1.5	19
44	Enzyme activities and subcellular localization of members of the Arabidopsis glutathione transferase superfamily. <i>Journal of Experimental Botany</i> , 2009, 60, 1207-1218.	2.4	260
45	The C-Glycosylation of Flavonoids in Cereals. <i>Journal of Biological Chemistry</i> , 2009, 284, 17926-17934.	1.6	254
46	Selective Binding of Glutathione Conjugates of Fatty Acid Derivatives by Plant Glutathione Transferases. <i>Journal of Biological Chemistry</i> , 2009, 284, 21249-21256.	1.6	73
47	Safener responsiveness and multiple herbicide resistance in the weed blackgrass (<i>Alopecurus</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 1075-1081.	4.1	75
48	A kinetic model for the metabolism of the herbicide safener fenclorim in <i>Arabidopsis thaliana</i> . <i>Biophysical Chemistry</i> , 2009, 143, 85-94.	1.5	13
49	An Efficient Method for ¹⁵ N-Labeling of Chitin in Fungi. <i>Biomacromolecules</i> , 2009, 10, 793-797.	2.6	9
50	Glycosylation of Secondary Metabolites and Xenobiotics. <i>Phytochemistry</i> , 2009, 70, 209-228.		10
51	Modifying the acylation of flavonols in <i>Petunia hybrida</i> . <i>Phytochemistry</i> , 2008, 69, 2016-2021.	1.4	5
52	Getting the most out of publicly available cDNA insertion lines. <i>Plant Journal</i> , 2008, 56, 665-677.	2.8	56
53	Determination and Isolation of a Thioesterase from Passion Fruit (<i>Passiflora edulis</i> Sims) That Hydrolyzes Volatile Thioesters. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 6623-6630.	2.4	10
54	Binding and Glutathione Conjugation of Porphyrinogens by Plant Glutathione Transferases. <i>Journal of Biological Chemistry</i> , 2008, 283, 20268-20276.	1.6	52

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55	Catabolism of Glutathione Conjugates in <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 21102-21112.	1.6	60
56	Characterization and engineering of the bifunctional <i>N</i> - and <i>O</i> -glucosyltransferase involved in xenobiotic metabolism in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20238-20243.	3.3	267
57	Role of a Carboxylesterase in Herbicide Bioactivation in <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 21460-21466.	1.6	51
58	Regulating biological activity in plants with carboxylesterases. <i>Plant Science</i> , 2007, 173, 579-588.	1.7	76
59	Structure activity studies with xenobiotic substrates using carboxylesterases isolated from <i>Arabidopsis thaliana</i> . <i>Phytochemistry</i> , 2007, 68, 811-818.	1.4	30
60	Identification of a carboxylesterase expressed in protoplasts using fluorescence-activated cell sorting. <i>Plant Biotechnology Journal</i> , 2007, 5, 354-359.	4.1	7
61	Selection of plants for roles in phytoremediation: the importance of glucosylation. <i>Plant Biotechnology Journal</i> , 2007, 5, 627-635.	4.1	26
62	Species-specific effects of elevated CO ₂ on resource allocation in <i>Plantago maritima</i> and <i>Armeria maritima</i> . <i>Biochemical Systematics and Ecology</i> , 2007, 35, 121-129.	0.6	4
63	Unique Regulation of the Active site of the Serine Esterase S-Formylglutathione Hydrolase. <i>Journal of Molecular Biology</i> , 2006, 359, 422-432.	2.0	35
64	Enzymes of tyrosine catabolism in <i>Arabidopsis thaliana</i> . <i>Plant Science</i> , 2006, 171, 360-366.	1.7	60
65	Selective disruption of wheat secondary metabolism by herbicide safeners. <i>Phytochemistry</i> , 2006, 67, 1722-1730.	1.4	40
66	Cloning and characterization of a theta class glutathione transferase from the potato pathogen <i>Phytophthora infestans</i> . <i>Phytochemistry</i> , 2006, 67, 1427-1434.	1.4	11
67	Carboxylesterase activities toward pesticide esters in crops and weeds. <i>Phytochemistry</i> , 2006, 67, 2561-2567.	1.4	44
68	Experimental and Computational Assessment of Conditionally Essential Genes in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2006, 188, 8259-8271.	1.0	237
69	Diversification in substrate usage by glutathione synthetases from soya bean (<i>Glycine max</i>), wheat (<i>Triticum aestivum</i>) and maize (<i>Zea mays</i>). <i>Biochemical Journal</i> , 2005, 391, 567-574.	1.7	17
70	Plant Glutathione Transferases. <i>Methods in Enzymology</i> , 2005, 401, 169-186.	0.4	210
71	Manipulation of plant tolerance to herbicides through co-ordinated metabolic engineering of a detoxifying glutathione transferase and thiol cosubstrate. <i>Plant Biotechnology Journal</i> , 2005, 3, 409-420.	4.1	42
72	Functional importance of the family 1 glucosyltransferase UGT72B1 in the metabolism of xenobiotics in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2005, 42, 556-566.	2.8	66

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73	Purification and characterisation of a family of glutathione transferases with roles in herbicide detoxification in soybean (<i>Glycine max</i> L.); selective enhancement by herbicides and herbicide safeners. <i>Pesticide Biochemistry and Physiology</i> , 2005, 82, 205-219.	1.6	43
74	High-Throughput Mass-Spectrometry Monitoring for Multisubstrate Enzymes: Determining the Kinetic Parameters and Catalytic Activities of Glycosyltransferases. <i>ChemBioChem</i> , 2005, 6, 346-357.	1.3	55
75	Stress-Induced Protein S-Glutathionylation in Arabidopsis. <i>Plant Physiology</i> , 2005, 138, 2233-2244.	2.3	282
76	Differential Induction of Glutathione Transferases and Glucosyltransferases in Wheat, Maize and Arabidopsis thaliana by Herbicide Safeners. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2005, 60, 307-316.	0.6	57
77	Redox Regulation of a Soybean Tyrosine-Specific Protein Phosphatase. <i>Biochemistry</i> , 2005, 44, 7696-7703.	1.2	40
78	Synthesis and analysis of chimeric maize glutathione transferases. <i>Plant Science</i> , 2005, 168, 873-881.	1.7	6
79	Chemical Manipulation of Antioxidant Defences in Plants. <i>Advances in Botanical Research</i> , 2005, , 1-32.	0.5	51
80	Purification and cloning of an esterase from the weed black-grass (<i>Alopecurus myosuroides</i>), which bioactivates aryloxyphenoxypropionate herbicides. <i>Plant Journal</i> , 2004, 39, 894-904.	2.8	58
81	Effects of elevated CO ₂ on the vasculature and phenolic secondary metabolism of <i>Plantago maritima</i> . <i>Phytochemistry</i> , 2004, 65, 2197-2204.	1.4	36
82	Metabolism of Natural and Xenobiotic Substrates by the Plant Glutathione S-Transferase Superfamily. <i>Ecological Studies</i> , 2004, , 17-50.	0.4	23
83	Cloning, characterization and regulation of a family of phi class glutathione transferases from wheat. <i>Plant Molecular Biology</i> , 2003, 52, 591-603.	2.0	53
84	Partial purification and characterisation of a 2,4,5-trichlorophenol detoxifying O-glucosyltransferase from wheat. <i>Phytochemistry</i> , 2003, 64, 419-424.	1.4	15
85	3,4-Dichloroaniline is detoxified and exported via different pathways in Arabidopsis and soybean. <i>Phytochemistry</i> , 2003, 63, 653-661.	1.4	22
86	Isolation of a glucosyltransferase from Arabidopsis thaliana active in the metabolism of the persistent pollutant 3,4-dichloroaniline. <i>Plant Journal</i> , 2003, 34, 485-493.	2.8	93
87	Purification, crystallization and preliminary X-ray diffraction analysis of S-formylglutathione hydrolase from Arabidopsis thaliana: effects of pressure and selenomethionine substitution on space-group changes. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 2272-2274.	2.5	4
88	Forced Evolution of a Herbicide Detoxifying Glutathione Transferase. <i>Journal of Biological Chemistry</i> , 2003, 278, 23930-23935.	1.6	109
89	Cloning and Initial Characterization of the Arabidopsis thaliana Endoplasmic Reticulum Oxidoreductins. <i>Antioxidants and Redox Signaling</i> , 2003, 5, 389-396.	2.5	38
90	Induction of Glutathione S-Transferases in Arabidopsis by Herbicide Safeners. <i>Plant Physiology</i> , 2002, 130, 1497-1505.	2.3	147

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91	Cloning and Characterization of an S-Formylglutathione Hydrolase from <i>Arabidopsis thaliana</i> . <i>Archives of Biochemistry and Biophysics</i> , 2002, 399, 232-238.	1.4	37
92	Functional Divergence in the Glutathione Transferase Superfamily in Plants. <i>Journal of Biological Chemistry</i> , 2002, 277, 30859-30869.	1.6	355
93	Plant glutathione transferases. <i>Genome Biology</i> , 2002, 3, reviews3004.1.	13.9	594
94	O-Glucosyltransferase activities toward phenolic natural products and xenobiotics in wheat and herbicide-resistant and herbicide-susceptible black-grass (<i>Alopecurus myosuroides</i>). <i>Phytochemistry</i> , 2002, 59, 149-156.	1.4	108
95	Structure of a Tau Class Glutathione S-Transferase from <i>Wheat</i> Active in Herbicide Detoxification. <i>Biochemistry</i> , 2002, 41, 7008-7020.	1.2	154
96	Probing the diversity of the <i>Arabidopsis</i> glutathione S-transferase gene family. <i>Plant Molecular Biology</i> , 2002, 49, 515-532.	2.0	465
97	The structure of a zeta class glutathione S-transferase from <i>Arabidopsis thaliana</i> : characterisation of a GST with novel active-site architecture and a putative role in tyrosine catabolism. <i>Journal of Molecular Biology</i> , 2001, 308, 949-962.	2.0	109
98	Biochemical characterisation of esterases active in hydrolysing xenobiotics in wheat and competing weeds. <i>Physiologia Plantarum</i> , 2001, 113, 477-485.	2.6	35
99	Plant glutathione S-transferases: enzymes with multiple functions in sickness and in health. <i>Trends in Plant Science</i> , 2000, 5, 193-198.	4.3	827
100	Cloning and Characterization of Glyoxalase I from Soybean. <i>Archives of Biochemistry and Biophysics</i> , 2000, 374, 261-268.	1.4	30
101	Characterisation of a Zeta Class Glutathione Transferase from <i>Arabidopsis thaliana</i> with a Putative Role in Tyrosine Catabolism. <i>Archives of Biochemistry and Biophysics</i> , 2000, 384, 407-412.	1.4	70
102	Elicitation of tropane alkaloid biosynthesis in transformed root cultures of <i>Datura stramonium</i> . <i>Phytochemistry</i> , 1999, 50, 53-56.	1.4	76
103	Glutathione transferases involved in herbicide detoxification in the leaves of <i>Setaria faberi</i> (giant) Tj ETQq1 1 0.784314 rgBT / Overlock 2.6 37	2.6	37
104	A role for glutathione transferases functioning as glutathione peroxidases in resistance to multiple herbicides in black-grass. <i>Plant Journal</i> , 1999, 18, 285-292.	2.8	298
105	Higher plant tyrosine-specific protein phosphatases (PTPs) contain novel amino-terminal domains: expression during embryogenesis. <i>Plant Molecular Biology</i> , 1999, 39, 593-605.	2.0	40
106	Dimerisation of maize glutathione transferases in recombinant bacteria. <i>Plant Molecular Biology</i> , 1999, 40, 997-1008.	2.0	57
107	Purification, regulation and cloning of a glutathione transferase (GST) from maize resembling the auxin-inducible type-III GSTs. <i>Plant Molecular Biology</i> , 1998, 36, 75-87.	2.0	111
108	Glutathione-mediated detoxification systems in plants. <i>Current Opinion in Plant Biology</i> , 1998, 1, 258-266.	3.5	346

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109	Glutathione transferases and herbicide detoxification in suspension-cultured cells of giant foxtail (<i>Setaria faberi</i>). <i>Pest Management Science</i> , 1998, 53, 209-216.	0.7	11
110	Substrate and thiol specificity of a stress-inducible glutathione transferase from soybean. <i>FEBS Letters</i> , 1997, 409, 370-374.	1.3	47
111	The effect of plant age and nodulation on the isoflavonoid content of red clover (<i>Trifolium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3	1.6	24
112	Purification of Multiple Glutathione Transferases Involved in Herbicide Detoxification from Wheat (<i>Triticum aestivum</i> L.) Treated with the Safener Fenchlorazole-ethyl. <i>Pesticide Biochemistry and Physiology</i> , 1997, 59, 35-49.	1.6	99
113	Methylation reactions and the phytoalexin response in alfalfa suspension cultures. <i>Planta</i> , 1997, 201, 359-367.	1.6	3
114	Alfalfa cell cultures treated with a fungal elicitor accumulate flavone metabolites rather than isoflavones in the presence of the methylation inhibitor tuberacidin. <i>Phytochemistry</i> , 1997, 44, 285-291.	1.4	12
115	Characterization and inducibility of a scopoletin-degrading enzyme from sunflower. <i>Phytochemistry</i> , 1997, 45, 1109-1114.	1.4	20
116	Characterisation of Multiple Glutathione Transferases Containing the GST I Subunit with Activities toward Herbicide Substrates in Maize (<i>Zea mays</i>). <i>Pest Management Science</i> , 1997, 50, 72-82.	0.7	70
117	Glutathione transferase activities toward herbicides used selectively in soybean. <i>Pest Management Science</i> , 1997, 51, 213-222.	0.7	38
118	Glutathione transferases in herbicide-resistant and herbicide-susceptible black-grass (<i>Alopecurus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.7	54
119	The production of coumarin phytoalexins in different plant organs of sunflower (<i>Helianthus annuus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3	1.6	35
120	Glutathione Transferases in Wheat (<i>Triticum</i>) Species with Activity toward Fenoxaprop-Ethyl and Other Herbicides. <i>Pesticide Biochemistry and Physiology</i> , 1996, 54, 96-104.	1.6	59
121	Influence of Plant Age on Glutathione Levels and Glutathione Transferases Involved in Herbicide Detoxification in Corn (<i>Zea mays</i> L.) and Giant Foxtail (<i>Setaria faberi</i> Herm). <i>Pesticide Biochemistry and Physiology</i> , 1996, 54, 199-209.	1.6	19
122	Glutathione Transferase Activities and Herbicide Selectivity in Maize and Associated Weed Species. <i>Pest Management Science</i> , 1996, 46, 267-275.	0.7	97
123	Characterisation of glutathione transferases and glutathione peroxidases in pea (<i>Pisum sativum</i>). <i>Physiologia Plantarum</i> , 1996, 98, 594-604.	2.6	60
124	S-adenosyl-l-methionine metabolism in alfalfa cell cultures following treatment with fungal elicitors. <i>Phytochemistry</i> , 1996, 43, 1163-1169.	1.4	24
125	Characterisation of glutathione transferases and glutathione peroxidases in pea (<i>Pisum sativum</i>). <i>Physiologia Plantarum</i> , 1996, 98, 594-604.	2.6	64
126	Glutathione transferases in major weed species. <i>Pest Management Science</i> , 1995, 43, 173-175.	0.7	4

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127	Determination of S-adenosyl-L-methionine and S-adenosyl-L-homocysteine in plants. <i>Phytochemical Analysis</i> , 1995, 6, 25-30.	1.2	17
128	Abiotic elicitation of coumarin phytoalexins in sunflower. <i>Phytochemistry</i> , 1995, 38, 1185-1191.	1.4	70
129	Isoflavonoid Conjugate Accumulation in the Roots of Lucerne (<i>Medicago Sativa</i>) Seedlings Following Infection By the Stem Nematode (<i>Ditylenchus Dipsaci</i>). <i>Nematologica</i> , 1995, 41, 51-66.	0.2	33
130	Changes in protein methylation associated with the elicitation response in cell cultures of alfalfa (<i>Medicago sativa</i> L.). <i>FEBS Letters</i> , 1995, 360, 57-61.	1.3	10
131	Changes in the accumulation of flavonoid and isoflavonoid conjugates associated with plant age and nodulation in alfalfa (<i>Medicago sativa</i>). <i>Physiologia Plantarum</i> , 1994, 91, 27-36.	2.6	3
132	Characterization of O-glucosyltransferases with activities toward phenolic substrates in alfalfa. <i>Phytochemistry</i> , 1994, 37, 655-661.	1.4	20
133	Changes in the accumulation of flavonoid and isoflavonoid conjugates associated with plant age and nodulation in alfalfa (<i>Medicago sativa</i>). <i>Physiologia Plantarum</i> , 1994, 91, 27-36.	2.6	53
134	Conjugation and Metabolism of Salicylic Acid in Tobacco. <i>Journal of Plant Physiology</i> , 1994, 143, 609-614.	1.6	53
135	Determination of cinnamic acid and 4-coumaric acid in alfalfa (<i>Medicago sativa</i> L.) cell suspension cultures by gas chromatography. <i>Phytochemical Analysis</i> , 1993, 4, 124-130.	1.2	6
136	Stress Responses in Alfalfa (<i>Medicago sativa</i> L.) (XIV. Changes in the Levels of Phenylpropanoid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	2.3	44
137	Identification, purification, and characterization of S-adenosyl-L-methionine: Isoliquiritigenin 2-O-methyltransferase from alfalfa (<i>Medicago sativa</i> L.). <i>Archives of Biochemistry and Biophysics</i> , 1992, 293, 158-166.	1.4	46
138	Induction of phenylpropanoid pathway enzymes in elicitor-treated cultures of <i>Cephalocereus senilis</i> . <i>Phytochemistry</i> , 1992, 31, 149-153.	1.4	22
139	Molecular Biology of Stress-Induced Phenylpropanoid and Isoflavonoid Biosynthesis in Alfalfa. , 1992, , 91-138.		38
140	Purification and characterization of S-adenosyl-L-methionine: Caffeic acid 3-O-methyltransferase from suspension cultures of alfalfa (<i>Medicago sativa</i> L.). <i>Archives of Biochemistry and Biophysics</i> , 1991, 287, 372-379.	1.4	60
141	Glutathione S-cinnamoyl transferases in plants. <i>Phytochemistry</i> , 1991, 30, 79-84.	1.4	44
142	Isoflavone O-methyltransferase activities in elicitor-treated cell suspension cultures of <i>Medicago sativa</i> . <i>Phytochemistry</i> , 1991, 30, 2597-2606.	1.4	56
143	Stress responses in alfalfa (<i>Medicago sativa</i> L.) 11. Molecular cloning and expression of alfalfa isoflavone reductase, a key enzyme of isoflavonoid phytoalexin biosynthesis. <i>Plant Molecular Biology</i> , 1991, 17, 653-667.	2.0	158
144	Glutathione and elicitation of the phytoalexin response in legume cell cultures. <i>Planta</i> , 1991, 184, 403-9.	1.6	92

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145	Comparative metabolism and disposition of [14C-benzyl] cypermethrin in quail, rat and mouse. Pest Management Science, 1990, 30, 159-181.	0.7	7
146	Metabolic fate of cinnamic acid in elicitor treated cell suspension cultures of Phaseolus vulgaris. Phytochemistry, 1990, 29, 1867-1873.	1.4	36
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