Abhaya M Dandekar

List of Publications by Year
in descending order

209	10,001	34493	49824
papers	citations	54 h-index	91 g-index

218	218	218	9417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Founder transformants of cotton (Gossypium hirsutum L.) obtained through the introduction of DS-Red, Rec, Rep and CRISPR/Cas9 expressing constructs for developing base lines of recombinase mediated gene stacking. PLoS ONE, 2022, 17, e0263219.	1.1	1
2	De Novo Arginine Synthesis Is Required for Full Virulence of Xanthomonas arboricola pv. juglandis During Walnut Bacterial Blight Disease. Phytopathology, 2022, 112, 1500-1512.	1.1	4
3	Two UGT84A Family Glycosyltransferases Regulate Phenol, Flavonoid, and Tannin Metabolism in Juglans regia (English Walnut). Frontiers in Plant Science, 2021, 12, 626483.	1.7	9
4	Co-located quantitative trait loci mediate resistance to Agrobacterium tumefaciens, Phytophthora cinnamomi, and P. pini in Juglans microcarpa Ã— J. regia hybrids. Horticulture Research, 2021, 8, 111.	2.9	4
5	A comparative genomic analysis of Xanthomonas arboricola pv. juglandis strains reveal hallmarks of mobile genetic elements in the adaptation and accelerated evolution of virulence. Genomics, 2021, 113, 2513-2525.	1.3	9
6	A Secreted Chorismate Mutase from Xanthomonas arboricola pv. juglandis Attenuates Virulence and Walnut Blight Symptoms. International Journal of Molecular Sciences, 2021, 22, 10374.	1.8	2
7	Advances in Rootstock Breeding of Nut Trees: Objectives and Strategies. Plants, 2021, 10, 2234.	1.6	30
8	Development of a protocol for genetic transformation of Malus spp. Caryologia, 2021, 74, 9-19.	0.2	0
9	A Sugar Transporter Takes Up both Hexose and Sucrose for Sorbitol-Modulated In Vitro Pollen Tube Growth in Apple. Plant Cell, 2020, 32, 449-469.	3.1	49
10	Comparative genomics of six Juglans species reveals diseaseâ€associated gene family contractions. Plant Journal, 2020, 102, 410-423.	2.8	25
11	Genetic Analysis of Walnut (Juglans regia L.) Pellicle Pigment Variation Through a Novel, High-Throughput Phenotyping Platform. G3: Genes, Genomes, Genetics, 2020, 10, 4411-4424.	0.8	5
12	Xylella fastidiosa subsp. pauca Strains Fb7 and 9a5c from Citrus Display Differential Behavior, Secretome, and Plant Virulence. International Journal of Molecular Sciences, 2020, 21, 6769.	1.8	6
13	Proteome Analysis of Walnut Bacterial Blight Disease. International Journal of Molecular Sciences, 2020, 21, 7453.	1.8	12
14	Comparative Proteomic Analysis of Walnut (Juglans regia L.) Pellicle Tissues Reveals the Regulation of Nut Quality Attributes. Life, 2020, 10, 314.	1.1	8
15	Deep Learning Neural Network Prediction Method Improves Proteome Profiling of Vascular Sap of Grapevines during Pierceâ€™s Disease Development. Biology, 2020, 9, 261.	1.3	3
16	N-Benzyl-linoleamide, a Constituent of Lepidium meyenii (Maca), Is an Orally Bioavailable Soluble Epoxide Hydrolase Inhibitor That Alleviates Inflammatory Pain. Journal of Natural Products, 2020, 83, 3689-3697.	1.5	9
17	High-quality chromosome-scale assembly of the walnut (Juglans regia L.) reference genome. GigaScience, 2020, 9, .	3.3	83
18	Antimicrobial activity of Epsilon-Poly-l-lysine against phytopathogenic bacteria. Scientific Reports, 2020, 10, 11324.	1.6	38

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19	Functional analysis of walnut polyphenol oxidase gene (JrPPO1) in transgenic tobacco plants and PPO induction in response to walnut bacterial blight. Plant Pathology, 2020, 69, 756-764.	1.2	24
20	Genome-Wide Profiling and Phylogenetic Analysis of the SWEET Sugar Transporter Gene Family in Walnut and Their Lack of Responsiveness to Xanthomonas arboricola pv. juglandis Infection. International Journal of Molecular Sciences, 2020, 21, 1251.	1.8	17
21	Generation and In-planta expression of a recombinant single chain antibody with broad neutralization activity on Bothrops pauloensis snake venom. International Journal of Biological Macromolecules, 2020, 149, 1241-1251.	3.6	5
22	The Tale of Cotton Plant: From Wild Type to Domestication, Leading to Its Improvement by Genetic Transformation. American Journal of Molecular Biology, 2020, 10, 91-127.	0.1	18
23	Effects of N-Glycosylation on the Structure, Function, and Stability of a Plant-Made Fc-Fusion Anthrax Decoy Protein. Frontiers in Plant Science, 2019, 10, 768.	1.7	29
24	Deploying Genome Editing Tools for Dissecting the Biology of Nut Trees. Frontiers in Sustainable Food Systems, 2019, 3, .	1.8	16
25	A fineâ€scale genetic linkage map reveals genomic regions associated with economic traits in walnut (Juglans regia). Plant Breeding, 2019, 138, 635-646.	1.0	10
26	Proteomic and Metabolomic Analyses of Xylella fastidiosa OMV-Enriched Fractions Reveal Association with Virulence Factors and Signaling Molecules of the DSF Family. Phytopathology, 2019, 109, 1344-1353.	1.1	51
27	Sequencing a Juglans regiaâ€‰Ã—â€‰J. microcarpa hybrid yields high-quality genome assemblies of parental species. Horticulture Research, 2019, 6, 55.	2.9	67
28	Trans-Graft Protection Against Pierceâ€™s Disease Mediated by Transgenic Grapevine Rootstocks. Frontiers in Plant Science, 2019, 10, 84.	1.7	26
29	The plant-based chimeric antimicrobial protein SlP14a-PPC20 protects tomato against bacterial wilt disease caused by Ralstonia solanacearum. Plant Science, 2019, 280, 197-205.	1.7	16
30	Decreased sorbitol synthesis leads to abnormal stamen development and reduced pollen tube growth via an MYB transcription factor, MdMYB39L, in apple (Malus domestica). New Phytologist, 2018, 217, 641-656.	3.5	61
31	Sugar metabolism and accumulation in the fruit of transgenic apple trees with decreased sorbitol synthesis. Horticulture Research, 2018, 5, 60.	2.9	112
32	Genomic Variation Among and Within SixJuglansSpecies. G3: Genes, Genomes, Genetics, 2018, 8, 2153-2165.	0.8	73
33	Identifying Host Molecular Features Strongly Linked With Responses to Huanglongbing Disease in Citrus Leaves. Frontiers in Plant Science, 2018, 9, 277.	1.7	25
34	Molecular Profiling of Pierceâ€™s Disease Outlines the Response Circuitry of Vitis vinifera to Xylella fastidiosa Infection. Frontiers in Plant Science, 2018, 9, 771.	1.7	35
35	Enhancement of Recombinant Protein Production in Transgenic Nicotiana benthamiana Plant Cell Suspension Cultures with Co-Cultivation of Agrobacterium Containing Silencing Suppressors. International Journal of Molecular Sciences, 2018, 19, 1561.	1.8	8
36	Sorbitol Modulates Resistance to Alternaria alternata by Regulating the Expression of an NLR Resistance Gene in Apple. Plant Cell, 2018, 30, 1562-1581.	3.1	97

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37	In-Field and Early Detection of Xylella fastidiosa Infections in Olive Using a Portable Instrument. Frontiers in Plant Science, 2018, 9, 2007.	1.7	9
38	In vitro gene expression and mRNA translocation from transformed walnut (Juglans regia) rootstocks expressing DsRED fluorescent protein to wild-type scions. Plant Cell Reports, 2017, 36, 877-885.	2.8	11
39	Identification and analysis of seven effector protein families with different adaptive and evolutionary histories in plant-associated members of the Xanthomonadaceae. Scientific Reports, 2017, 7, 16133.	1.6	35
40	Effects of transgenic expression of Brevibacterium linens methionine gamma lyase (MGL) on accumulation of Tylenchulus semipenetrans and key aminoacid contents in Carrizo citrange. Plant Molecular Biology, 2017, 95, 497-505.	2.0	3
41	Genetic Mechanisms of the Devious Intruder Candidatus Liberibacter in Citrus. Frontiers in Plant Science, 2017, 8, 904.	1.7	46
42	Expression, Purification, and Biophysical Characterization of a Secreted Anthrax Decoy Fusion Protein in Nicotiana benthamiana. International Journal of Molecular Sciences, 2017, 18, 89.	1.8	9
43	Molecular Responses to Small Regulating Molecules against Huanglongbing Disease. PLoS ONE, 2016, 11, e0159610.	1.1	7
44	Transient Expression of Tetrameric Recombinant Human Butyrylcholinesterase in Nicotiana benthamiana. Frontiers in Plant Science, 2016, 7, 743.	1.7	33
45	Brassinosteroidâ€™s multi-modular interaction with the general stress network customizes stimulus-specific responses in Arabidopsis. Plant Science, 2016, 250, 165-177.	1.7	9
46	The Secreted Protease PrtA Controls Cell Growth, Biofilm Formation and Pathogenicity in Xylella fastidiosa. Scientific Reports, 2016, 6, 31098.	1.6	42
47	The Type II Secreted Lipase/Esterase LesA is a Key Virulence Factor Required for Xylella fastidiosa Pathogenesis in Grapevines. Scientific Reports, 2016, 6, 18598.	1.6	80
48	Proteomic analysis highlights the role of detoxification pathways in increased tolerance to Huanglongbing disease. BMC Plant Biology, 2016, 16, 167.	1.6	53
49	A genetic genomics-expression approach reveals components of the molecular mechanisms beyond the cell wall that underlie peach fruit woolliness due to cold storage. Plant Molecular Biology, 2016, 92, 483-503.	2.0	10
50	The walnut (Juglans regia) genome sequence reveals diversity in genes coding for the biosynthesis of nonâ€structural polyphenols. Plant Journal, 2016, 87, 507-532.	2.8	233
51	Determinants of timing and amplitude in the plant general stress response. Journal of Integrative Plant Biology, 2016, 58, 119-126.	4.1	26
52	Citrus tristeza virus infection in sweet orange trees and a mandarin Ã— tangor cross alters low molecular weight metabolites assessed using gas chromatography mass spectrometry (GC/MS). Metabolomics, 2016, 12, 1.	1.4	11
53	Deep RNA-Seq profile reveals biodiversity, plantâ€“microbe interactions and a large family of NBS-LRR resistance genes in walnut (Juglans regia) tissues. AMB Express, 2016, 6, 12.	1.4	39
54	Induction of Polyphenol Oxidase in Walnut and Its Relationship to the Pathogenic Response to Bacterial Blight. Journal of the American Society for Horticultural Science, 2016, 141, 119-124.	0.5	25

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55	Sequence/structural analysis of xylem proteome emphasizes pathogenesis-related proteins, chitinases andÎ²-1, 3-glucanases as key players in grapevine defense againstXylella fastidiosa. PeerJ, 2016, 4, e2007.	0.9	14
56	YeATSAM analysis of the walnut and chickpea transcriptome reveals key genes undetected by current annotation tools. F1000Research, 2016, 5, 2689.	0.8	7
57	Synteny analysis in Rosids with a walnut physical map reveals slow genome evolution in long-lived woody perennials. BMC Genomics, 2015, 16, 707.	1.2	83
58	Discovery of non-climacteric and suppressed climacteric bud sport mutations originating from a climacteric Japanese plum cultivar (Prunus salicina Lindl.). Frontiers in Plant Science, 2015, 6, 316.	1.7	72
59	Volatile organic compound (VOC) profiling of citrus tristeza virus infection in sweet orange citrus varietals using thermal desorption gas chromatography time of flight mass spectrometry (TD-GC/TOF-MS). Metabolomics, 2015, 11, 1514-1525.	1.4	25
60	Walnut (Juglans). Methods in Molecular Biology, 2015, 1224, 229-241.	0.4	4
61	A red fluorescent protein (DsRED) from Discosoma sp. as a reporter for gene expression in walnut somatic embryos. Plant Cell Reports, 2015, 34, 861-869.	2.8	19
62	Suppressing Sorbitol Synthesis Substantially Alters the Global Expression Profile of Stress Response Genes in Apple (Malus domestica) Leaves. Plant and Cell Physiology, 2015, 56, 1748-1761.	1.5	29
63	Stress responses in citrus peel: Comparative analysis of host responses to Huanglongbing disease and puffing disorder. Scientia Horticulturae, 2015, 192, 409-420.	1.7	38
64	Effect of leaf incubation temperature profiles on agrobacterium tumefaciensâ€mediated transient expression. Biotechnology Progress, 2015, 31, 783-790.	1.3	14
65	Complete Genome Sequence of Xanthomonas arboricola pv. juglandis 417, a Copper-Resistant Strain Isolated from Juglans regia L. Genome Announcements, 2015, 3, .	0.8	29
66	Advanced methods of plant disease detection. A review. Agronomy for Sustainable Development, 2015, 35, 1-25.	2.2	579
67	YeATS - a tool suite for analyzing RNA-seq derived transcriptome identifies a highly transcribed putative extensin in heartwood/sapwood transition zone in black walnut. F1000Research, 2015, 4, 155.	0.8	10
68	YeATS - a tool suite for analyzing RNA-seq derived transcriptome identifies a highly transcribed putative extensin in heartwood/sapwood transition zone in black walnut. F1000Research, 2015, 4, 155.	0.8	23
69	A Chemical Genetic Screening Procedure for Arabidopsis thaliana Seedlings. Bio-protocol, 2015, 5, .	0.2	3
70	Distinct Roles for Mitogen-Activated Protein Kinase Signaling and CALMODULIN-BINDING TRANSCRIPTIONAL ACTIVATOR3 in Regulating the Peak Time and Amplitude of the Plant General Stress Response Â Â. Plant Physiology, 2014, 166, 988-996.	2.3	43
71	Novel Roles for the Polyphenol Oxidase Enzyme in Secondary Metabolism and the Regulation of Cell Death in Walnut Â Â. Plant Physiology, 2014, 164, 1191-1203.	2.3	183
72	Transcriptome and metabolome analysis of Citrus fruit to elucidate puffing disorder. Plant Science, 2014, 217-218, 87-98.	1.7	52

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73	Sucrose induces expression of the sorbitolâ€6â€phosphate dehydrogenase gene in source leaves of loquat. Physiologia Plantarum, 2014, 150, 355-362.	2.6	22
74	Agrobacterium tumefaciens mediated transient expression of plant cell wallâ€degrading enzymes in detached sunflower leaves. Biotechnology Progress, 2014, 30, 905-915.	1.3	24
75	Detection of Huanglongbing Disease Using Differential Mobility Spectrometry. Analytical Chemistry, 2014, 86, 2481-2488.	3.2	98
76	Directed evolution induces tributyrin hydrolysis in a virulence factor of Xylella fastidiosa using a duplicated gene as a template. F1000Research, 2014, 3, 215.	0.8	1
77	Characterizing alpha helical properties of Ebola viral proteins as potential targets for inhibition of alpha-helix mediated protein-protein interactions. F1000Research, 2014, 3, 251.	0.8	9
78	The PDB database is a rich source of alpha-helical anti-microbial peptides to combat disease causing pathogens. F1000Research, 2014, 3, 295.	0.8	9
79	The PDB database is a rich source of alpha-helical anti-microbial peptides to combat disease causing pathogens. F1000Research, 2014, 3, 295.	0.8	8
80	A Bulk Segregant Gene Expression Analysis of a Peach Population Reveals Components of the Underlying Mechanism of the Fruit Cold Response. PLoS ONE, 2014, 9, e90706.	1.1	38
81	PAGAL - Properties and corresponding graphics of alpha helical structures in proteins. F1000Research, 2014, 3, 206.	0.8	7
82	PAGAL - Properties and corresponding graphics of alpha helical structures in proteins. F1000Research, 2014, 3, 206.	0.8	9
83	Characterizing alpha helical properties of Ebola viral proteins as potential targets for inhibition of alpha-helix mediated protein-protein interactions. F1000Research, 2014, 3, 251.	0.8	7
84	Stacking resistance to crown gall and nematodes in walnut rootstocks. BMC Genomics, 2013, 14, 668.	1.2	43
85	Shading affects flesh calcium uptake and concentration, bitter pit incidence and other fruit traits in â€œGreensleevesâ€•apple. Scientia Horticulturae, 2013, 161, 266-272.	1.7	18
86	Volatile Organic Compounds (VOCs) for Noninvasive Plant Diagnostics. ACS Symposium Series, 2013, , 73-95.	0.5	8
87	Promiscuity-Based Enzyme Selection for Rational Directed Evolution Experiments. Methods in Molecular Biology, 2013, 978, 205-216.	0.4	20
88	Protein secretion: How many secretory routes does a plant cell have?. Plant Science, 2013, 203-204, 74-78.	1.7	61
89	High density SNP mapping and QTL analysis for fruit quality characteristics in peach (Prunus persica) Tj ETQq1 1 0.784314 rgBT /Over	0.6	92
90	Protein structure quality assessment based on the distance profiles of consecutive backbone CÎ± atoms. F1000Research, 2013, 2, 211.	0.8	12

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91	The dipeptidyl peptidase IV inhibitors vildagliptin and K-579 inhibit a phospholipase C: a case of promiscuous scaffolds in proteins. F1000Research, 2013, 2, 286.	0.8	7
92	A Computational Module Assembled from Different Protease Family Motifs Identifies PI PLC from Bacillus cereus as a Putative Prolyl Peptidase with a Serine Protease Scaffold. PLoS ONE, 2013, 8, e70923.	1.1	21
93	Gene Regulatory Networks Elucidating Huanglongbing Disease Mechanisms. PLoS ONE, 2013, 8, e74256.	1.1	106
94	The electrostatic profile of consecutive CÎ² atoms applied to protein structure quality assessment. F1000Research, 2013, 2, 243.	0.8	5
95	The electrostatic profile of consecutive CÎ² atoms applied to protein structure quality assessment. F1000Research, 2013, 2, 243.	0.8	4
96	An engineered innate immune defense protects grapevines from Pierce disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3721-3725.	3.3	74
97	Genome-wide SNP discovery in walnut with an AGSNP pipeline updated for SNP discovery in allogamous organisms. BMC Genomics, 2012, 13, 354.	1.2	47
98	Transcriptome Profiling of Citrus Fruit Response to Huanglongbing Disease. PLoS ONE, 2012, 7, e38039.	1.1	158
99	Influence of year and genetic factors on chilling injury susceptibility in peach (Prunus persica (L.)) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	16
100	Characterizing the walnut genome through analyses of BAC end sequences. Plant Molecular Biology, 2012, 78, 95-107.	2.0	27
101	A comparative study between lignin down regulated alfalfa lines and their respective unmodified controls on the nutritional characteristics of hay. Animal Feed Science and Technology, 2011, 170, 192-200.	1.1	27
102	Resistance of Malus domestica Fruit to Botrytis cinerea Depends on Endogenous Ethylene Biosynthesis. Phytopathology, 2011, 101, 1311-1321.	1.1	35
103	Mechanism of gallic acid biosynthesis in bacteria (Escherichia coli) and walnut (Juglans regia). Plant Molecular Biology, 2011, 75, 555-565.	2.0	104
104	Transgenic Fruit and Nut Tree Crops Review. , 2011, , 1-29.		1
105	Analysis of Early Host Responses for Asymptomatic Disease Detection and Management of Specialty Crops. Critical Reviews in Immunology, 2010, 30, 277-289.	1.0	34
106	Tomato Bushy Stunt Virus Recombination Guided by Introduced MicroRNA Target Sequences. Journal of Virology, 2009, 83, 10472-10479.	1.5	3
107	Bioreactor strategies for improving production yield and functionality of a recombinant human protein in transgenic tobacco cell cultures. Biotechnology and Bioengineering, 2009, 102, 508-520.	1.7	60
108	Optimization of the bioprocessing conditions for scaleâ€up of transient production of a heterologous protein in plants using a chemically inducible viral amplicon expression system. Biotechnology Progress, 2009, 25, 722-734.	1.3	23

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109	Two-dimensional wavelet analysis based classification of gas chromatogram differential mobility spectrometry signals. Analytica Chimica Acta, 2009, 647, 46-53.	2.6	14
110	Gene regulation in parthenocarpic tomato fruit. Journal of Experimental Botany, 2009, 60, 3873-3890.	2.4	73
111	Superficial Scald and Bitter Pit Development in Cold-Stored Transgenic Apples Suppressed for Ethylene Biosynthesis. Journal of Agricultural and Food Chemistry, 2009, 57, 2786-2792.	2.4	34
112	Impacts of polyphenol oxidase enzyme expression in transgenic alfalfa on in vitro gas production and ruminal degradation of protein, and nitrogen release during ensiling. Animal Feed Science and Technology, 2009, 151, 44-54.	1.1	8
113	Cloning and Characterization of a Self-compatible Sf Haplotype in Almond [Prunus dulcis (Mill.) D.A. Webb. syn. P. amygdalus Batsch] to Resolve Previous Confusion in Its Sf-RNase Sequence. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 609-613.	0.5	22
114	The Oncogenes of Agrobacterium Tumefaciens and Agrobacterium Rhizogenes. , 2008, , 523-563.		30
115	The influence of addition of gallic acid, tannic acid, or quebracho tannins to alfalfa hay on in vitro rumen fermentation and microbial protein synthesis. Animal Feed Science and Technology, 2008, 140, 444-461.	1.1	117
116	Tuning the orchestra: Selective gene regulation and orange fruit quality. Plant Science, 2008, 174, 310-320.	1.7	21
117	Multiple Models for Rosaceae Genomics. Plant Physiology, 2008, 147, 985-1003.	2.3	291
118	Characterization of Polyphenol Oxidase from Walnut. Journal of the American Society for Horticultural Science, 2008, 133, 852-858.	0.5	42
119	Quantitative Analysis of Efficient Endogenous Gene Silencing in Nicotiana benthamiana Plants Using Tomato bushy stunt virus Vectors That Retain the Capsid Protein Gene. Molecular Plant-Microbe Interactions, 2007, 20, 609-618.	1.4	27
120	Gene expression and ethylene production in transgenic pear (Pyrus communis cv. â€˜La Franceâ€™) with sense or antisense cDNA encoding ACC oxidase. Plant Science, 2007, 173, 32-42.	1.7	40
121	Highâ€Level Transient Production of a Heterologous Protein in Plants by Optimizing Induction of a Chemically Inducible Viral Amplicon Expression System. Biotechnology Progress, 2007, 23, 1277-1285.	1.3	22
122	Rapid Clearance of Bacteria and Their Toxins: Development of Therapeutic Proteins. Critical Reviews in Immunology, 2007, 27, 233-245.	1.0	6
123	Down-regulation of sorbitol dehydrogenase and up-regulation of sucrose synthase in shoot tips of the transgenic apple trees with decreased sorbitol synthesis. Journal of Experimental Botany, 2006, 57, 3647-3657.	2.4	58
124	Jug r 4, a Legumin Group Food Allergen from Walnut (Juglans regiaCv. Chandler). Journal of Agricultural and Food Chemistry, 2006, 54, 8369-8375.	2.4	68
125	Chimeric cDNA Sequences from Citrus tristeza virus Confer RNA Silencing-Mediated Resistance in Transgenic Nicotiana benthamiana Plants. Phytopathology, 2006, 96, 819-827.	1.1	20
126	Catalytic activities and chloroplast import of carotenogenic enzymes from citrus. Physiologia Plantarum, 2006, 127, 561-570.	2.6	27

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127	A chemically inducible cucumber mosaic virus amplicon system for expression of heterologous proteins in plant tissues. Plant Biotechnology Journal, 2006, 4, 060607001144001-???.	4.1	44
128	REVIEW: Does Protein in Alfalfa Need Protection from Rumen Microbes?. The Professional Animal Scientist, 2006, 22, 364-373.	0.7	12
129	Apple (Malus Ã— domestica). , 2006, 344, 253-261.		3
130	Walnut (Juglans). , 2006, 344, 297-307.		8
131	Silencing leaf sorbitol synthesis alters long-distance partitioning and apple fruit quality. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18842-18847.	3.3	129
132	Multidimensional Analysis of S-alleles from Cross-incompatible Groups of California Almond Cultivars. Journal of the American Society for Horticultural Science, 2006, 131, 632-636.	0.5	19
133	Mechanism of Up-regulation of Starch Synthesis in Mature Leaves of Transgenic Apple Trees with Decreased Sorbitol Synthesis. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 1009D-1009.	0.5	0
134	Electroporation: Introduction and Expression of Transgenes in Plant Protoplasts. , 2005, 286, 079-090.		5
135	Plant Transformation: <i>Agrobacterium</I>-Mediated Gene Transfer. , 2005, 286, 035-046.		8
136	Evaluation of tolerance to Pierce's disease andBotrytisin transgenic plants ofVitis viniferaL. expressing the pear PGIP gene. Molecular Plant Pathology, 2005, 6, 43-51.	2.0	170
137	Candidate gene database and transcript map for peach, a model species for fruit trees. Theoretical and Applied Genetics, 2005, 110, 1419-1428.	1.8	71
138	Antisense inhibition of sorbitol synthesis leads to up-regulation of starch synthesis without altering CO2 assimilation in apple leaves. Planta, 2005, 220, 767-776.	1.6	84
139	Apple aroma: alcohol acyltransferase, a rate limiting step for ester biosynthesis, is regulated by ethylene. Plant Science, 2005, 168, 1199-1210.	1.7	239
140	Relationship of Ethylene Biosynthesis to Volatile Production, Related Enzymes, and Precursor Availability in Apple Peel and Flesh Tissues. Journal of Agricultural and Food Chemistry, 2005, 53, 3133-3141.	2.4	174
141	Effect of Down-Regulation of Ethylene Biosynthesis on Fruit Flavor Complex in Apple Fruit. Transgenic Research, 2004, 13, 373-384.	1.3	188
142	Impact of Suppression of Ethylene Action or Biosynthesis on Flavor Metabolites in Apple (Malus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	2.4	137
143	Transformation of persimmon with a pear fruit polygalacturonase inhibiting protein (PGIP) gene. Scientia Horticulturae, 2004, 103, 19-30.	1.7	22
144	The Chemical Chaperone Proline Relieves the Thermosensitivity of a dnaK Deletion Mutant at 42Â°C. Journal of Bacteriology, 2004, 186, 8149-8152.	1.0	80

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145	Antisense Inhibition of Sorbitol Synthesis Leads to Changes in the Activity of the Antioxidant System in Apple Leaves. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 887E-887.	0.5	0
146	Identifying Flavor Metabolites Under Ethylene Regulation in Apples. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 781B-781.	0.5	0
147	Genetic transformation and regeneration of rubber tree (Hevea brasiliensis Muell. Arg) transgenic plants with a constitutive version of an anti-oxidative stress superoxide dismutase gene. Plant Cell Reports, 2003, 22, 201-209.	2.8	53
148	Transgenically enhanced sorbitol synthesis facilitates phloem-boron mobility in rice. Physiologia Plantarum, 2003, 117, 79-84.	2.6	35
149	Characterization of oncogene-silenced transgenic plants: implications for Agrobacterium biology and post-transcriptional gene silencing. Molecular Plant Pathology, 2003, 4, 57-65.	2.0	18
150	Agrobacterium tumefaciens as an agent of disease. Trends in Plant Science, 2003, 8, 380-386.	4.3	279
151	Structural and Transcriptional Analysis of the Self-Incompatibility Locus of Almond: Identification of a Pollen-Expressed F-Box Gene with Haplotype-Specific Polymorphism. Plant Cell, 2003, 15, 771-781.	3.1	422
152	Expression of recombinant trichosanthin, a ribosome-inactivating protein, in transgenic tobacco. Journal of Biotechnology, 2002, 97, 69-88.	1.9	46
153	Silencing crown gall disease in walnut (Juglans regia L.). Plant Science, 2002, 163, 591-597.	1.7	59
154	Rooting and Other Characteristics of a Transgenic Walnut Hybrid (Juglans hindsii Ã— J. regia) Rootstock Expressing rolABC. Journal of the American Society for Horticultural Science, 2002, 127, 724-728.	0.5	30
155	Development of Agrobacterium-Mediated Transformation of Pear (Pyrus communis L.) with Cotyledon Explants and Production of Transgenic Pears Using ACC Oxidase cDNA.. Plant Biotechnology, 2002, 19, 319-327.	0.5	10
156	Introduction and Expression of Transgenes in Apples. , 2002, , .		0
157	Transformation of Japanese persimmon (Diospyros kaki Thunb.) with apple cDNA encoding NADP-dependent sorbitol-6-phosphate dehydrogenase. Plant Science, 2001, 160, 837-845.	1.7	94
158	RNAi-mediated oncogene silencing confers resistance to crown gall tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13437-13442.	3.3	192
159	Characterization of the S-Locus Region of Almond (Prunus dulcis): Analysis of a Somaclonal Mutant and a Cosmid Contig for an S Haplotype. Genetics, 2001, 158, 379-386.	1.2	77
160	Using GFP as a Scorable Marker in Walnut Somatic Embryo Transformation. Annals of Botany, 2000, 85, 831-835.	1.4	33
161	Genetic engineering to improve quality, productivity and value of crops. California Agriculture, 2000, 54, 49-56.	0.5	25
162	Development of Insect Resistance in Fruit and Nut Tree Crops. Forestry Sciences, 2000, , 395-417.	0.4	1

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163	Transgenically Enhanced Sorbitol Synthesis Facilitates Phloem Boron Transport and Increases Tolerance of Tobacco to Boron Deficiency1. Plant Physiology, 1999, 119, 17-20.	2.3	122
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