

Harro J Bouwmeester

List of Publications by Year in descending order

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255
papers

26,104
citations

5267

83
h-index

7744

150
g-index

267
all docs

267
docs citations

267
times ranked

18154
citing authors

#	ARTICLE	IF	CITATIONS
1	Strigolactone inhibition of shoot branching. <i>Nature</i> , 2008, 455, 189-194.	27.8	1,910
2	The Path from β -Carotene to Carlactone, a Strigolactone-Like Plant Hormone. <i>Science</i> , 2012, 335, 1348-1351.	12.6	809
3	Strigolactones, a Novel Carotenoid-Derived Plant Hormone. <i>Annual Review of Plant Biology</i> , 2015, 66, 161-186.	18.7	658
4	The Strigolactone Germination Stimulants of the Plant-Parasitic <i>Striga</i> and <i>Orobancha</i> spp. Are Derived from the Carotenoid Pathway. <i>Plant Physiology</i> , 2005, 139, 920-934.	4.8	569
5	Physiological Effects of the Synthetic Strigolactone Analog GR24 on Root System Architecture in <i>Arabidopsis</i> : Another Belowground Role for Strigolactones? <i>Plant Physiology</i> , 2011, 155, 721-734.	4.8	534
6	A petunia ABC protein controls strigolactone-dependent symbiotic signalling and branching. <i>Nature</i> , 2012, 483, 341-344.	27.8	502
7	Identification of the SAAT Gene Involved in Strawberry Flavor Biogenesis by Use of DNA Microarrays. <i>Plant Cell</i> , 2000, 12, 647-661.	6.6	496
8	Genetic Engineering of Terpenoid Metabolism Attracts Bodyguards to <i>Arabidopsis</i> . <i>Science</i> , 2005, 309, 2070-2072.	12.6	482
9	Metabolomics in the Rhizosphere: Tapping into Belowground Chemical Communication. <i>Trends in Plant Science</i> , 2016, 21, 256-265.	8.8	470
10	Terpenoid Metabolism in Wild-Type and Transgenic <i>Arabidopsis</i> Plants[W]. <i>Plant Cell</i> , 2003, 15, 2866-2884.	6.6	461
11	Gain and Loss of Fruit Flavor Compounds Produced by Wild and Cultivated Strawberry Species. <i>Plant Cell</i> , 2004, 16, 3110-3131.	6.6	427
12	Tomato strigolactones are derived from carotenoids and their biosynthesis is promoted by phosphate starvation. <i>New Phytologist</i> , 2008, 178, 863-874.	7.3	419
13	Rhizosphere communication of plants, parasitic plants and AM fungi. <i>Trends in Plant Science</i> , 2007, 12, 224-230.	8.8	418
14	Strigolactones Are Transported through the Xylem and Play a Key Role in Shoot Architectural Response to Phosphate Deficiency in Nonarbuscular Mycorrhizal Host <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2011, 155, 974-987.	4.8	417
15	Biosynthesis, regulation, and domestication of bitterness in cucumber. <i>Science</i> , 2014, 346, 1084-1088.	12.6	388
16	Volatile science? Metabolic engineering of terpenoids in plants. <i>Trends in Plant Science</i> , 2005, 10, 594-602.	8.8	361
17	Secondary metabolite signalling in host-parasitic plant interactions. <i>Current Opinion in Plant Biology</i> , 2003, 6, 358-364.	7.1	360
18	The seco-iridoid pathway from <i>Catharanthus roseus</i> . <i>Nature Communications</i> , 2014, 5, 3606.	12.8	355

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19	Rice cytochrome P450 MAX1 homologs catalyze distinct steps in strigolactone biosynthesis. <i>Nature Chemical Biology</i> , 2014, 10, 1028-1033.	8.0	340
20	The biology of strigolactones. <i>Trends in Plant Science</i> , 2013, 18, 72-83.	8.8	318
21	Functional Characterization of Enzymes Forming Volatile Esters from Strawberry and Banana. <i>Plant Physiology</i> , 2004, 135, 1865-1878.	4.8	315
22	Strigolactone Biosynthesis in <i>Medicago truncatula</i> and Rice Requires the Symbiotic GRAS-Type Transcription Factors NSP1 and NSP2. <i>Plant Cell</i> , 2011, 23, 3853-3865.	6.6	291
23	Amorpha-4,11-diene synthase catalyses the first probable step in artemisinin biosynthesis. <i>Phytochemistry</i> , 1999, 52, 843-854.	2.9	263
24	Standards for plant synthetic biology: a common syntax for exchange of <sc>DNA</sc> parts. <i>New Phytologist</i> , 2015, 208, 13-19.	7.3	263
25	Molecular Cloning, Expression, and Characterization of Amorpha-4,11-diene Synthase, a Key Enzyme of Artemisinin Biosynthesis in <i>Artemisia annua</i> L.. <i>Archives of Biochemistry and Biophysics</i> , 2000, 381, 173-180.	3.0	257
26	The tomato <sc>CAROTENOID CLEAVAGE DIOXYGENASE</sc>8 (<sc>S</sc>1<sc>CCD</sc>8) regulates rhizosphere signaling, plant architecture and affects reproductive development through strigolactone biosynthesis. <i>New Phytologist</i> , 2012, 196, 535-547.	7.3	250
27	System-wide molecular evidence for phenotypic buffering in <i>Arabidopsis</i> . <i>Nature Genetics</i> , 2009, 41, 166-167.	21.4	249
28	Does abscisic acid affect strigolactone biosynthesis?. <i>New Phytologist</i> , 2010, 187, 343-354.	7.3	243
29	SLCCD7 controls strigolactone biosynthesis, shoot branching and mycorrhiza-induced apocarotenoid formation in tomato. <i>Plant Journal</i> , 2010, 61, 300-311.	5.7	227
30	Amorpha-4,11-diene synthase: cloning and functional expression of a key enzyme in the biosynthetic pathway of the novel antimalarial drug artemisinin. <i>Planta</i> , 2001, 212, 460-465.	3.2	223
31	Composition of Human Skin Microbiota Affects Attractiveness to Malaria Mosquitoes. <i>PLoS ONE</i> , 2011, 6, e28991.	2.5	208
32	Expression of Clarkia S-linalool synthase in transgenic petunia plants results in the accumulation of S-linalyl- β -D-glucopyranoside. <i>Plant Journal</i> , 2001, 27, 315-324.	5.7	200
33	(+)-Germacrene A Biosynthesis. <i>Plant Physiology</i> , 1998, 117, 1381-1392.	4.8	191
34	The role of volatiles in plant communication. <i>Plant Journal</i> , 2019, 100, 892-907.	5.7	180
35	Osmotic stress represses strigolactone biosynthesis in <i>Lotus japonicus</i> roots: exploring the interaction between strigolactones and ABA under abiotic stress. <i>Planta</i> , 2015, 241, 1435-1451.	3.2	178
36	Mutation in sorghum <sc>LOW GERMINATION STIMULANT 1</sc> alters strigolactones and causes <sc>Striga</sc> resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4471-4476.	7.1	172

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37	Function of the HD-Zip I gene Oshox22 in ABA-mediated drought and salt tolerances in rice. <i>Plant Molecular Biology</i> , 2012, 80, 571-585.	3.9	165
38	Root phenotyping: from component trait in the lab to breeding: Table 1.. <i>Journal of Experimental Botany</i> , 2015, 66, 5389-5401.	4.8	163
39	<i>Nicotiana benthamiana</i> as a Production Platform for Artemisinin Precursors. <i>PLoS ONE</i> , 2010, 5, e14222.	2.5	161
40	Monoterpene biosynthesis in lemon (<i>Citrus</i> flimon). <i>FEBS Journal</i> , 2002, 269, 3160-3171.	0.2	159
41	No evidence for substantial aerobic methane emission by terrestrial plants: a 13 C labelling approach. <i>New Phytologist</i> , 2007, 175, 29-35.	7.3	158
42	Biosynthesis of the Monoterpenes Limonene and Carvone in the Fruit of Caraway1. <i>Plant Physiology</i> , 1998, 117, 901-912.	4.8	153
43	Metabolic Engineering of Terpenoid Biosynthesis in Plants. <i>Phytochemistry Reviews</i> , 2006, 5, 49-58.	6.5	147
44	Rhizobium Lipo-chitooligosaccharide Signaling Triggers Accumulation of Cytokinins in <i>Medicago truncatula</i> Roots. <i>Molecular Plant</i> , 2015, 8, 1213-1226.	8.3	146
45	Genetic architecture of plant stress resistance: multi-trait genome-wide association mapping. <i>New Phytologist</i> , 2017, 213, 1346-1362.	7.3	144
46	Rhizobacterial community structure differences among sorghum cultivars in different growth stages and soils. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	143
47	Combined Transcript and Metabolite Analysis Reveals Genes Involved in Spider Mite Induced Volatile Formation in Cucumber Plants. <i>Plant Physiology</i> , 2004, 135, 2012-2024.	4.8	140
48	Natural variation of rice strigolactone biosynthesis is associated with the deletion of two <i>MAX1</i> orthologs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2379-2384.	7.1	138
49	Arbuscular mycorrhizal symbiosis decreases strigolactone production in tomato. <i>Journal of Plant Physiology</i> , 2011, 168, 294-297.	3.5	137
50	Biotechnological production of limonene in microorganisms. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2927-2938.	3.6	136
51	The interaction between strigolactones and other plant hormones in the regulation of plant development. <i>Frontiers in Plant Science</i> , 2013, 4, 199.	3.6	126
52	Increased and Altered Fragrance of Tobacco Plants after Metabolic Engineering Using Three Monoterpene Synthases from Lemon. <i>Plant Physiology</i> , 2004, 134, 510-519.	4.8	125
53	The dual role of temperature in the regulation of the seasonal changes in dormancy and germination of seeds of <i>Polygonum persicaria</i> L.. <i>Oecologia</i> , 1992, 90, 88-94.	2.0	122
54	The effects of auxin and strigolactones on tuber initiation and stolon architecture in potato. <i>Journal of Experimental Botany</i> , 2012, 63, 4539-4547.	4.8	121

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55	AtWRKY22 promotes susceptibility to aphids and modulates salicylic acid and jasmonic acid signalling. <i>Journal of Experimental Botany</i> , 2016, 67, 3383-3396.	4.8	121
56	Cultured skin microbiota attracts malaria mosquitoes. <i>Malaria Journal</i> , 2009, 8, 302.	2.3	120
57	Spider Mite-Induced (3S)-(E)-Nerolidol Synthase Activity in Cucumber and Lima Bean. The First Dedicated Step in Acyclic C11-Homoterpene Biosynthesis. <i>Plant Physiology</i> , 1999, 121, 173-180.	4.8	119
58	Untargeted Metabolic Quantitative Trait Loci Analyses Reveal a Relationship between Primary Metabolism and Potato Tuber Quality. <i>Plant Physiology</i> , 2012, 158, 1306-1318.	4.8	119
59	Isoprenoid biosynthesis in <i>Artemisia annua</i> : Cloning and heterologous expression of a germacrene A synthase from a glandular trichome cDNA library. <i>Archives of Biochemistry and Biophysics</i> , 2006, 448, 3-12.	3.0	117
60	Asymmetric Localizations of the ABC Transporter PaPDR1 Trace Paths of Directional Strigolactone Transport. <i>Current Biology</i> , 2015, 25, 647-655.	3.9	117
61	Valencene synthase from the heartwood of <i>Pinus sylvestris</i> (L.) Mill. <i>Journal of Experimental Botany</i> , 2012, 63, 174-182.	8.3	115
62	Structural diversity in the strigolactones. <i>Journal of Experimental Botany</i> , 2018, 69, 2219-2230.	4.8	115
63	CAROTENOID CLEAVAGE DIOXYGENASE 7 modulates plant growth, reproduction, senescence, and determinate nodulation in the model legume <i>Lotus japonicus</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 1967-1981.	4.8	114
64	Genetic analysis of metabolome phenotype interactions: from model to crop species. <i>Trends in Genetics</i> , 2013, 29, 41-50.	6.7	111
65	Biosynthesis of Costunolide, Dihydrocostunolide, and Leucodin. Demonstration of Cytochrome P450-Catalyzed Formation of the Lactone Ring Present in Sesquiterpene Lactones of Chicory. <i>Plant Physiology</i> , 2002, 129, 257-268.	4.8	110
66	Metabolic engineering of volatile isoprenoids in plants and microbes. <i>Plant, Cell and Environment</i> , 2014, 37, 1753-1775.	5.7	110
67	Pre-attachment <i>Striga hermonthica</i> resistance of New Rice for Africa (NERICA) cultivars based on low strigolactone production. <i>New Phytologist</i> , 2011, 192, 964-975.	7.3	109
68	Trichome Dynamics and Artemisinin Accumulation during Development and Senescence of <i>Artemisia annua</i> Leaves. <i>Planta Medica</i> , 2006, 72, 336-345.	1.3	105
69	Gene Coexpression Analysis Reveals Complex Metabolism of the Monoterpene Alcohol Linalool in <i>Arabidopsis</i> Flowers. <i>Plant Cell</i> , 2013, 25, 4640-4657.	6.6	104
70	Induction of a leaf specific geranylgeranyl pyrophosphate synthase and emission of (E,E)-4,8,12-trimethyltrideca-1,3,7,11-tetraene in tomato are dependent on both jasmonic acid and salicylic acid signaling pathways. <i>Planta</i> , 2006, 224, 1197-1208.	3.2	103
71	Strigolactones and root infestation by plant-parasitic <i>Striga</i> , <i>Orobanchae</i> and <i>Phelipanche</i> spp.. <i>Plant Science</i> , 2011, 180, 414-420.	3.6	103
72	Detection of Diseased Plants by Analysis of Volatile Organic Compound Emission. <i>Annual Review of Phytopathology</i> , 2011, 49, 157-174.	7.8	101

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73	The negative regulator SMAX1 controls mycorrhizal symbiosis and strigolactone biosynthesis in rice. <i>Nature Communications</i> , 2020, 11, 2114.	12.8	101
74	Circadian rhythmicity in emission of volatile compounds by flowers of <i>Rosa hybrida</i> L. cv. Honesty. <i>Planta</i> , 1998, 207, 88-95.	3.2	100
75	Isolation and Characterization of Two Germacrene A Synthase cDNA Clones from Chicory. <i>Plant Physiology</i> , 2002, 129, 134-144.	4.8	100
76	Strigolactones: ecological significance and use as a target for parasitic plant control. <i>Pest Management Science</i> , 2009, 65, 471-477.	3.4	99
77	Detoxification of Î±â€œtomatine by <i>Cladosporium fulvum</i> is required for full virulence on tomato. <i>New Phytologist</i> , 2013, 198, 1203-1214.	7.3	99
78	Zealactones. Novel natural strigolactones from maize. <i>Phytochemistry</i> , 2017, 137, 123-131.	2.9	98
79	ABA-deficiency results in reduced plant and fruit size in tomato. <i>Journal of Plant Physiology</i> , 2012, 169, 878-883.	3.5	97
80	Cloning and characterisation of a maize carotenoid cleavage dioxygenase (ZmCCD1) and its involvement in the biosynthesis of apocarotenoids with various roles in mutualistic and parasitic interactions. <i>Planta</i> , 2008, 228, 789-801.	3.2	96
81	Reconstitution of the Costunolide Biosynthetic Pathway in Yeast and <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2011, 6, e23255.	2.5	96
82	A chicory cytochrome P450 mono-oxygenase CYP71AV8 for the oxidation of (+)-valencene. <i>FEBS Letters</i> , 2011, 585, 178-182.	2.8	92
83	Biosynthesis and localization of parthenolide in glandular trichomes of feverfew (<i>Tanacetum</i>) Tj ETQq1 1 0.784314.rgBT /Overlock 10	2.9	90
84	Annual changes in dormancy and germination in seeds of <i>Sisymbrium officinale</i> (L.) Scop.. <i>New Phytologist</i> , 1993, 124, 179-191.	7.3	87
85	Variation in Herbivory-induced Volatiles Among Cucumber (<i>Cucumis sativus</i> L.) Varieties has Consequences for the Attraction of Carnivorous Natural Enemies. <i>Journal of Chemical Ecology</i> , 2011, 37, 150-160.	1.8	85
86	OsJAR1 is required for JA-regulated floret opening and anther dehiscence in rice. <i>Plant Molecular Biology</i> , 2014, 86, 19-33.	3.9	85
87	Ecological relevance of strigolactones in nutrient uptake and other abiotic stresses, and in plant-microbe interactions below-ground. <i>Plant and Soil</i> , 2015, 394, 1-19.	3.7	84
88	Transient production of artemisinin in <i>Nicotiana benthamiana</i> is boosted by a specific lipid transfer protein from <i>A. annua</i> . <i>Metabolic Engineering</i> , 2016, 38, 159-169.	7.0	84
89	Biosynthetic considerations could assist the structure elucidation of host plant produced rhizosphere signalling compounds (strigolactones) for arbuscular mycorrhizal fungi and parasitic plants. <i>Plant Physiology and Biochemistry</i> , 2008, 46, 617-626.	5.8	83
90	Characterization of two geraniol synthases from <i>Valeriana officinalis</i> and <i>Lippia dulcis</i> : Similar activity but difference in subcellular localization. <i>Metabolic Engineering</i> , 2013, 20, 198-211.	7.0	82

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91	Colonization by Arbuscular Mycorrhizal Fungi of Sorghum Leads to Reduced Germination and Subsequent Attachment and Emergence of <i>Striga hermonthica</i> . <i>Plant Signaling and Behavior</i> , 2007, 2, 58-62.	2.4	81
92	Geraniol hydroxylase and hydroxygeraniol oxidase activities of the CYP76 family of cytochrome P450 enzymes and potential for engineering the early steps of the (seco)iridoid pathway. <i>Metabolic Engineering</i> , 2013, 20, 221-232.	7.0	80
93	The interaction of strigolactones with abscisic acid during the drought response in rice. <i>Journal of Experimental Botany</i> , 2018, 69, 2403-2414.	4.8	80
94	Metabolic engineering of monoterpene biosynthesis: two-step production of (+)-trans-isopiperitenol by tobacco. <i>Plant Journal</i> , 2004, 39, 135-145.	5.7	79
95	Biosynthesis of Germacrene A Carboxylic Acid in Chicory Roots. Demonstration of a Cytochrome P450 (+)-Germacrene A Hydroxylase and NADP ⁺ -Dependent Sesquiterpenoid Dehydrogenase(s) Involved in Sesquiterpene Lactone Biosynthesis. <i>Plant Physiology</i> , 2001, 125, 1930-1940.	4.8	78
96	Changes in the sensitivity of parasitic weed seeds to germination stimulants. <i>Seed Science Research</i> , 2004, 14, 335-344.	1.7	77
97	Natural variation in herbivore-induced volatiles in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2010, 61, 3041-3056.	4.8	77
98	Metabolic engineering of geranic acid in maize to achieve fungal resistance is compromised by novel glycosylation patterns. <i>Metabolic Engineering</i> , 2011, 13, 414-425.	7.0	77
99	Herbivore-Mediated Effects of Glucosinolates on Different Natural Enemies of a Specialist Aphid. <i>Journal of Chemical Ecology</i> , 2012, 38, 100-115.	1.8	77
100	Genome-Wide Association Mapping and Genomic Prediction Elucidate the Genetic Architecture of Morphological Traits in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2016, 170, 2187-2203.	4.8	77
101	Enantiospecific (+)- and (âˆ-)germacrene D synthases, cloned from goldenrod, reveal a functionally active variant of the universal isoprenoid-biosynthesis aspartate-rich motif. <i>Archives of Biochemistry and Biophysics</i> , 2004, 432, 136-144.	3.0	75
102	The metabolite chemotype of <i>Nicotiana benthamiana</i> transiently expressing artemisinin biosynthetic pathway genes is a function of CYP71AV1 type and relative gene dosage. <i>New Phytologist</i> , 2013, 199, 352-366.	7.3	71
103	Biomarkers for grain yield stability in rice under drought stress. <i>Journal of Experimental Botany</i> , 2020, 71, 669-683.	4.8	71
104	Natural products â€“ modifying metabolite pathways in plants. <i>Biotechnology Journal</i> , 2013, 8, 1159-1171.	3.5	70
105	Engineering the plant rhizosphere. <i>Current Opinion in Biotechnology</i> , 2015, 32, 136-142.	6.6	70
106	Genetic variation in strigolactone production and tillering in rice and its effect on <i>Striga hermonthica</i> infection. <i>Planta</i> , 2012, 235, 473-484.	3.2	69
107	Elucidation and in planta reconstitution of the parthenolide biosynthetic pathway. <i>Metabolic Engineering</i> , 2014, 23, 145-153.	7.0	68
108	The Sexual Advantage of Looking, Smelling, and Tasting Good: The Metabolic Network that Produces Signals for Pollinators. <i>Trends in Plant Science</i> , 2017, 22, 338-350.	8.8	67

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109	An analysis of characterized plant sesquiterpene synthases. <i>Phytochemistry</i> , 2019, 158, 157-165.	2.9	67
110	A CLEâ€SUNN module regulates strigolactone content and fungal colonization in arbuscular mycorrhiza. <i>Nature Plants</i> , 2019, 5, 933-939.	9.3	65
111	Germacrene from fresh costus roots. <i>Phytochemistry</i> , 2001, 58, 481-487.	2.9	63
112	Association mapping of plant resistance to insects. <i>Trends in Plant Science</i> , 2012, 17, 311-319.	8.8	63
113	Bidirectional Secretions from Glandular Trichomes of <i>Pyrethrum</i> Enable Immunization of Seedlings. <i>Plant Cell</i> , 2012, 24, 4252-4265.	6.6	62
114	Capturing of the monoterpene olefin limonene produced in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2014, 32, n/a-n/a.	1.7	62
115	Combined transcriptome and metabolome analysis identifies defence responses in spider mite-infested pepper (<i>Capsicum annuum</i>). <i>Journal of Experimental Botany</i> , 2020, 71, 330-343.	4.8	61
116	A simulation model for seasonal changes in dormancy and germination of weed seeds. <i>Seed Science Research</i> , 2001, 11, 77-92.	1.7	60
117	Science and application of strigolactones. <i>New Phytologist</i> , 2020, 227, 1001-1011.	7.3	60
118	Monoterpene biosynthesis potential of plant subcellular compartments. <i>New Phytologist</i> , 2016, 209, 679-690.	7.3	59
119	β -caryophyllene emitted from a transgenic <i>Arabidopsis</i> or chemical dispenser repels <i>Diaphorina citri</i> , vector of <i>Candidatus Liberibacter</i> . <i>Scientific Reports</i> , 2017, 7, 5639.	3.3	59
120	Biosynthesis of Sesquiterpene Lactones in <i>Pyrethrum</i> (<i>Tanacetum cinerariifolium</i>). <i>PLoS ONE</i> , 2013, 8, e65030.	2.5	57
121	Cytochrome P450s from <i>Cynara cardunculus</i> L. CYP71AV9 and CYP71BL5, catalyze distinct hydroxylations in the sesquiterpene lactone biosynthetic pathway. <i>Plant Science</i> , 2014, 223, 59-68.	3.6	55
122	The tomato <i>MAX1</i> homolog, <i>SIMAX1</i> , is involved in the biosynthesis of tomato strigolactones from carlactone. <i>New Phytologist</i> , 2018, 219, 297-309.	7.3	55
123	(+)â€Valencene production in <i>Nicotiana benthamiana</i> is increased by downâ€regulation of competing pathways. <i>Biotechnology Journal</i> , 2015, 10, 180-189.	3.5	54
124	Stable Production of the Antimalarial Drug Artemisinin in the Moss <i>Physcomitrella patens</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 47.	4.1	54
125	Strigolactones: Plant Hormones with Promising Features. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12778-12786.	13.8	54
126	Mechanisms of the biosynthesis of sesquiterpene enantiomers (+)- and (?)-germacrene D in <i>Solidago canadensis</i> . <i>Chirality</i> , 1999, 11, 353-362.	2.6	53

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127	Carotenoid inhibitors reduce strigolactone production and <i>Striga hermonthica</i> infection in rice. <i>Archives of Biochemistry and Biophysics</i> , 2010, 504, 123-131.	3.0	53
128	Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 1433-1445.	1.8	51
129	Tailor-made fructan synthesis in plants: A review. <i>Carbohydrate Polymers</i> , 2013, 93, 48-56.	10.2	51
130	The Role of Endogenous Strigolactones and Their Interaction with ABA during the Infection Process of the Parasitic Weed <i>Phelipanche ramosa</i> in Tomato Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 392.	3.6	51
131	Abscisic acid influences tillering by modulation of strigolactones in barley. <i>Journal of Experimental Botany</i> , 2018, 69, 3883-3898.	4.8	51
132	Sink filling, inulin metabolizing enzymes and carbohydrate status in field grown chicory (<i>Cichorium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.5	50
133	New strigolactone mimics: Structure-activity relationship and mode of action as germinating stimulants for parasitic weeds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5182-5186.	2.2	50
134	Valencene oxidase CYP706M1 from Alaska cedar (<i>Callitropsis nootkatensis</i>). <i>FEBS Letters</i> , 2014, 588, 1001-1007.	2.8	50
135	Hydroxylation of sesquiterpenes by enzymes from chicory (<i>Cichorium intybus</i> L.) roots. <i>Tetrahedron</i> , 2003, 59, 409-418.	1.9	49
136	Adaptation of the parasitic plant lifecycle: germination is controlled by essential host signaling molecules. <i>Plant Physiology</i> , 2021, 185, 1292-1308.	4.8	48
137	Genetic mapping and characterization of the globe artichoke (+)-germacrene A synthase gene, encoding the first dedicated enzyme for biosynthesis of the bitter sesquiterpene lactone cynaropicrin. <i>Plant Science</i> , 2012, 190, 1-8.	3.6	45
138	Genetic engineering of plant volatile terpenoids: effects on a herbivore, a predator and a parasitoid. <i>Pest Management Science</i> , 2013, 69, 302-311.	3.4	43
139	Natural products - learning chemistry from plants. <i>Biotechnology Journal</i> , 2014, 9, 326-336.	3.5	43
140	The importance of a sterile rhizosphere when phenotyping for root exudation. <i>Plant and Soil</i> , 2015, 387, 131-142.	3.7	43
141	Genetic Variation in Jasmonic Acid- and Spider Mite-Induced Plant Volatile Emission of Cucumber Accessions and Attraction of the Predator <i>Phytoseiulus persimilis</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 500-512.	1.8	41
142	The Molecular Cloning of Dihydroartemisinic Aldehyde Reductase and its Implication in Artemisinin Biosynthesis in <i>Artemisia annua</i> . <i>Planta Medica</i> , 2010, 76, 1778-1783.	1.3	41
143	Relation between HLA genes, human skin volatiles and attractiveness of humans to malaria mosquitoes. <i>Infection, Genetics and Evolution</i> , 2013, 18, 87-93.	2.3	41
144	System-Wide Hypersensitive Response-Associated Transcriptome and Metabolome Reprogramming in Tomato. <i>Plant Physiology</i> , 2013, 162, 1599-1617.	4.8	41

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145	Cytochrome P-450 dependent (+)-limonene-6-hydroxylation in fruits of caraway (<i>Carum carvi</i>) Part 2 in the series 'Biosynthesis of limonene and carvone in fruits of caraway (<i>Carum carvi</i> L.)' (Bouwmeester, Tj ETQq1 1 02784314 DOI /Over	2.7	43
146	Artemisinin and Sesquiterpene Precursors in Dead and Green Leaves of <i>Artemisia annua</i> L. Crops. Planta Medica, 2007, 73, 1133-1139.	1.3	40
147	<i>S. triga hermonthica</i> MAX2 restores branching but not the <i>V. l. erylow</i> fluorescence response in the <i>A. thaliana max2</i> mutant. New Phytologist, 2014, 202, 531-541.	7.3	40
148	Fine-tuning regulation of strigolactone biosynthesis under phosphate starvation. Plant Signaling and Behavior, 2008, 3, 963-965.	2.4	39
149	Susceptibility of the Tomato Mutant <i>High Pigment-2^{dg}</i> (<i>hp-2^{dg}</i>) to <i>Orobanche</i> spp. Infection. Journal of Agricultural and Food Chemistry, 2008, 56, 6326-6332.	5.2	38
150	Characterization of the natural variation in <i>Arabidopsis thaliana</i> metabolome by the analysis of metabolic distance. Metabolomics, 2012, 8, 131-145.	3.0	38
151	SIEVE ELEMENT-LINING CHAPERONE1 Restricts Aphid Feeding on <i>Arabidopsis</i> during Heat Stress. Plant Cell, 2017, 29, 2450-2464.	6.6	38
152	Functional analysis of the HD-Zip transcription factor genes <i>Oshox12</i> and <i>Oshox14</i> in rice. PLoS ONE, 2018, 13, e0199248.	2.5	38
153	Domain swapping of Citrus limon monoterpene synthases: impact on enzymatic activity and product specificity. Archives of Biochemistry and Biophysics, 2003, 411, 196-203.	3.0	37
154	Characterization of Low-Strigolactone Germplasm in Pea (<i>Pisum sativum</i> L.) Resistant to Crenate Broomrape (<i>Orobanche crenata</i> Forsk.). Molecular Plant-Microbe Interactions, 2016, 29, 743-749.	2.6	37
155	Role and exploitation of underground chemical signaling in plants. Pest Management Science, 2019, 75, 2455-2463.	3.4	37
156	Expression of Plant Flavor Genes in <i>Lactococcus lactis</i> . Applied and Environmental Microbiology, 2007, 73, 1544-1552.	3.1	36
157	Evaluation of tobacco (<i>Nicotiana tabacum</i> L. cv. Petit Havana SR1) hairy roots for the production of geraniol, the first committed step in terpenoid indole alkaloid pathway. Journal of Biotechnology, 2014, 176, 20-28.	3.8	36
158	Zeapyranolactone \hat{a} ' A novel strigolactone from maize. Phytochemistry Letters, 2018, 24, 172-178.	1.2	36
159	Three-step pathway engineering results in more incidence rate and higher emission of nerolidol and improved attraction of <i>Diadegma semiclausum</i> . Metabolic Engineering, 2013, 15, 88-97.	7.0	35
160	A carlactonoic acid methyltransferase that contributes to the inhibition of shoot branching in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2111565119.	7.1	35
161	Genetic variation in <i>Sorghum bicolor</i> strigolactones and their role in resistance against <i>Striga hermonthica</i> . Journal of Experimental Botany, 2018, 69, 2415-2430.	4.8	34
162	Biosynthesis of (+)- and (\hat{a} '-)-Germacrene D in <i>Solidago canadensis</i> : Isolation and Characterization of Two Enantioselective Germacrene D Synthases. Angewandte Chemie - International Edition, 1998, 37, 1400-1402.	13.8	33

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163	Thermoperiodic Control of Hypocotyl Elongation Depends on Auxin-Induced Ethylene Signaling That Controls Downstream <i>PHYTOCHROME INTERACTING FACTOR3</i> Activity. <i>Plant Physiology</i> , 2015, 167, 517-530.	4.8	33
164	Association mapping and genetic dissection of drought-induced canopy temperature differences in rice. <i>Journal of Experimental Botany</i> , 2020, 71, 1614-1627.	4.8	33
165	Isolation, Characterization, and Mechanistic Studies of (α)- β -Curjunene Synthase from <i>Solidago canadensis</i> . <i>Archives of Biochemistry and Biophysics</i> , 1999, 364, 167-177.	3.0	31
166	OSCILLATOR: A system for analysis of diurnal leaf growth using infrared photography combined with wavelet transformation. <i>Plant Methods</i> , 2012, 8, 29.	4.3	31
167	18-Hydroxydolabella-3,7-diene synthase – a diterpene synthase from <i>Chitinophaga pinensis</i> . <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1770-1780.	2.2	31
168	An improved strategy to analyse strigolactones in complex sample matrices using UHPLC-MS/MS. <i>Plant Methods</i> , 2020, 16, 125.	4.3	31
169	Plant host and drought shape the root associated fungal microbiota in rice. <i>PeerJ</i> , 2019, 7, e7463.	2.0	31
170	Induced plant volatiles allow sensitive monitoring of plant health status in greenhouses. <i>Plant Signaling and Behavior</i> , 2009, 4, 824-829.	2.4	30
171	Improvement of caraway essential oil and carvone production in The Netherlands. <i>Industrial Crops and Products</i> , 1992, 1, 295-301.	5.2	29
172	The influence of monoterpene synthase transformation on the odour of tobacco. <i>Journal of Biotechnology</i> , 2003, 106, 15-21.	3.8	29
173	Phosphate Suppression of Arbuscular Mycorrhizal Symbiosis Involves Gibberellic Acid Signaling. <i>Plant and Cell Physiology</i> , 2021, 62, 959-970.	3.1	29
174	Effect of strigolactones on recruitment of the rice root-associated microbiome. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	2.7	29
175	Physiological limitations to carvone yield in caraway (<i>Carum carvi</i> L.). <i>Industrial Crops and Products</i> , 1995, 4, 39-51.	5.2	28
176	Antiphase Light and Temperature Cycles Affect PHYTOCHROME B-Controlled Ethylene Sensitivity and Biosynthesis, Limiting Leaf Movement and Growth of <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2013, 163, 882-895.	4.8	28
177	Comparison of plant-based expression platforms for the heterologous production of geraniol. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 373.	2.3	28
178	Evaluation of field resistance to <i>Striga hermonthica</i> (Del.) Benth. in <i>Sorghum bicolor</i> (L.) Moench. The relationship with strigolactones. <i>Pest Management Science</i> , 2016, 72, 2082-2090.	3.4	28
179	Strigolactones: a new musician in the orchestra of plant hormones. <i>Botany</i> , 2011, 89, 827-840.	1.0	27
180	Tomato strigolactones. <i>Plant Signaling and Behavior</i> , 2013, 8, e22785.	2.4	26

#	ARTICLE	IF	CITATIONS
181	Transcriptional and metabolite analysis reveal a shift in direct and indirect defences in response to spider-mite infestation in cucumber (<i>Cucumis sativus</i>). <i>Plant Molecular Biology</i> , 2020, 103, 489-505.	3.9	26
182	Kauniolide synthase is a P450 with unusual hydroxylation and cyclization-elimination activity. <i>Nature Communications</i> , 2018, 9, 4657.	12.8	24
183	Metabolic interactions in beneficial microbe recruitment by plants. <i>Current Opinion in Biotechnology</i> , 2021, 70, 241-247.	6.6	24
184	Engineering the essence of plants. <i>Nature Biotechnology</i> , 2006, 24, 1359-1361.	17.5	23
185	Low-Phosphate Induction of Plastidal Stromules Is Dependent on Strigolactones But Not on the Canonical Strigolactone Signaling Component MAX2. <i>Plant Physiology</i> , 2016, 172, 2235-2244.	4.8	23
186	Engineering storage capacity for volatile sesquiterpenes in <i>Nicotiana benthamiana</i> leaves. <i>Plant Biotechnology Journal</i> , 2018, 16, 1997-2006.	8.3	23
187	Distinct roles for strigolactones in cyst nematode parasitism of <i>Arabidopsis</i> roots. <i>European Journal of Plant Pathology</i> , 2019, 154, 129-140.	1.7	23
188	A Trichome-Specific Linoleate Lipoyxygenase Expressed During Pyrethrin Biosynthesis in <i>Pyrethrum</i> . <i>Lipids</i> , 2013, 48, 1005-1015.	1.7	22
189	Strigolactones and parasitic weed management 50 years after the discovery of the first natural strigolactone <i>strigol</i> : status and outlook. <i>Pest Management Science</i> , 2016, 72, 2013-2015.	3.4	22
190	Removal of phytotoxic compounds from torrefied grass fibres by plant-beneficial microorganisms. <i>FEMS Microbiology Ecology</i> , 2008, 66, 158-166.	2.7	21
191	Artemisinin production and precursor ratio in full grown <i>Artemisia annua</i> L. plants subjected to external stress. <i>Planta</i> , 2013, 237, 955-966.	3.2	21
192	Induction of Germination. , 2013, , 167-194.		21
193	Integration of omics data to unravel root microbiome recruitment. <i>Current Opinion in Biotechnology</i> , 2021, 70, 255-261.	6.6	20
194	The sesquiterpene β -copaene is induced in tomato leaves infected by <i>Botrytis cinerea</i> . <i>Journal of Plant Interactions</i> , 2005, 1, 163-170.	2.1	19
195	Automated Signal Processing Applied to Volatile-Based Inspection of Greenhouse Crops. <i>Sensors</i> , 2010, 10, 7122-7133.	3.8	19
196	Comparative antifeedant activities of polygodial and pyrethrins against whiteflies (<i>Bemisia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	3.4	19
197	Large-Scale Evolutionary Analysis of Genes and Supergene Clusters from Terpenoid Modular Pathways Provides Insights into Metabolic Diversification in Flowering Plants. <i>PLoS ONE</i> , 2015, 10, e0128808.	2.5	19
198	The β -Terpineol to 1,8-Cineole Cyclization Reaction of Tobacco Terpene Synthases. <i>Plant Physiology</i> , 2016, 172, 2120-2131.	4.8	19

#	ARTICLE	IF	CITATIONS
199	Insights into Heterologous Biosynthesis of Arteannuin B and Artemisinin in <i>Physcomitrella patens</i> . <i>Molecules</i> , 2019, 24, 3822.	3.8	19
200	The role of strigolactones in P deficiency induced transcriptional changes in tomato roots. <i>BMC Plant Biology</i> , 2021, 21, 349.	3.6	19
201	Terpene synthases in cucumber (<i>Cucumis sativus</i>) and their contribution to herbivore-induced volatile terpenoid emission. <i>New Phytologist</i> , 2022, 233, 862-877.	7.3	19
202	The tomato cytochrome <i>P450 CYP712G1</i> catalyses the double oxidation of orobanchol en route to the rhizosphere signalling strigolactone, solanacol. <i>New Phytologist</i> , 2022, 235, 1884-1899.	7.3	19
203	Relationship Between Assimilate Supply and Essential Oil Accumulation in Annual and Biennial Caraway (<i>Carum carvi</i> L.). <i>Journal of Essential Oil Research</i> , 1993, 5, 143-152.	2.7	18
204	Design, Synthesis and Biological Evaluation of Strigolactone and Strigolactam Derivatives for Potential Crop Enhancement Applications in Modern Agriculture. <i>Chimia</i> , 2019, 73, 549.	0.6	17
205	Tissue specific expression and genomic organization of bitter sesquiterpene lactone biosynthesis in <i>Cichorium intybus</i> L. (Asteraceae). <i>Industrial Crops and Products</i> , 2019, 129, 253-260.	5.2	16
206	The Effect of Virulence and Resistance Mechanisms on the Interactions between Parasitic Plants and Their Hosts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9013.	4.1	16
207	Engineered Orange Ectopically Expressing the Arabidopsis β -Caryophyllene Synthase Is Not Attractive to <i>Diaphorina citri</i> , the Vector of the Bacterial Pathogen Associated to Huanglongbing. <i>Frontiers in Plant Science</i> , 2021, 12, 641457.	3.6	16
208	Strigolactones affect development in primitive plants. The missing link between plants and arbuscular mycorrhizal fungi?. <i>New Phytologist</i> , 2012, 195, 730-733.	7.3	15
209	Communication in the Rhizosphere, a Target for Pest Management. , 2012, , 109-133.		15
210	Genetical, developmental and spatial factors influencing parthenolide and its precursor costunolide in feverfew (<i>Tanacetum parthenium</i> L. Schulz Bip.). <i>Industrial Crops and Products</i> , 2013, 47, 270-276.	5.2	15
211	Identification of a drimenol synthase and drimenol oxidase from <i>Persicaria hydropiper</i> , involved in the biosynthesis of insect deterrent drimanes. <i>Plant Journal</i> , 2017, 90, 1052-1063.	5.7	15
212	Strigolactone Biosynthesis and Signal Transduction. , 2019, , 1-45.		15
213	Emission index for evaluation of volatile organic compounds emitted from tomato plants in greenhouses. <i>Biosystems Engineering</i> , 2012, 113, 220-228.	4.3	14
214	Differential Activity of <i>Striga hermonthica</i> Seed Germination Stimulants and <i>Gigaspora rosea</i> Hyphal Branching Factors in Rice and Their Contribution to Underground Communication. <i>PLoS ONE</i> , 2014, 9, e104201.	2.5	14
215	Production of guaianolides in <i>Agrobacterium rhizogenes</i> - transformed chicory regenerants flowering in vitro. <i>Industrial Crops and Products</i> , 2014, 60, 52-59.	5.2	13
216	Identification of the Bisabolol Synthase in the Endangered Candeia Tree (<i>Eremanthus erythropappus</i>)	3.6	13

#	ARTICLE	IF	CITATIONS
217	Substrate promiscuity of enzymes from the sesquiterpene biosynthetic pathways from <i>Artemisia annua</i> and <i>Tanacetum parthenium</i> allows for novel combinatorial sesquiterpene production. <i>Metabolic Engineering</i> , 2019, 54, 12-23.	7.0	13
218	Novel routes towards bioplastics from plants: elucidation of the methylperillate biosynthesis pathway from <i>Salvia dorisiana</i> trichomes. <i>Journal of Experimental Botany</i> , 2020, 71, 3052-3065.	4.8	13
219	SNARE-RNAi Results in Higher Terpene Emission from Ectopically Expressed Caryophyllene Synthase in <i>Nicotiana benthamiana</i> . <i>Molecular Plant</i> , 2015, 8, 454-466.	8.3	12
220	Parasitic Plants <i>Striga</i> and <i>Phelipanche</i> Dependent upon Exogenous Strigolactones for Germination Have Retained Genes for Strigolactone Biosynthesis. <i>American Journal of Plant Sciences</i> , 2015, 06, 1151-1166.	0.8	12
221	Floral Volatiles in Parasitic Plants of the Orobanchaceae. Ecological and Taxonomic Implications. <i>Frontiers in Plant Science</i> , 2016, 7, 312.	3.6	12
222	Strigolactones and Parasitic Plants. , 2019, , 89-120.		12
223	<i>Agrobacterium rhizogenes</i> transformed calli of the holoparasitic plant <i>Phelipanche ramosa</i> maintain parasitic competence. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 135, 321-329.	2.3	11
224	Integrating structure-based machine learning and co-evolution to investigate specificity in plant sesquiterpene synthases. <i>PLoS Computational Biology</i> , 2021, 17, e1008197.	3.2	11
225	Strigolactones regulate sepal senescence in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 5462-5477.	4.8	11
226	On the role of dauer in the adaptation of nematodes to a parasitic lifestyle. <i>Parasites and Vectors</i> , 2021, 14, 554.	2.5	11
227	Molecular Cloning and Characterization of a Broad Substrate Terpenoid Oxidoreductase from <i>Artemisia annua</i> . <i>Plant and Cell Physiology</i> , 2010, 51, 1219-1228.	3.1	10
228	The santalene synthase from <i>Cinnamomum camphora</i> : Reconstruction of a sesquiterpene synthase from a monoterpene synthase. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108647.	3.0	10
229	Identification of the SAAT Gene Involved in Strawberry Flavor Biogenesis by Use of DNA Microarrays. <i>Plant Cell</i> , 2000, 12, 647.	6.6	9
230	Silencing of germacrene A synthase genes reduces guaianolide oxalate content in <i>Cichorium intybus</i> L.. <i>GM Crops and Food</i> , 2020, 11, 54-66.	3.8	9
231	Are sesquiterpene lactones the elusive KARRIKIN-INSENSITIVE2 ligand?. <i>Planta</i> , 2021, 253, 54.	3.2	9
232	Drought tolerance in selected aerobic and upland rice varieties is driven by different metabolic and antioxidative responses. <i>Planta</i> , 2021, 254, 13.	3.2	9
233	GERMINATION OF <i>STRIGA</i> AND CHEMICAL SIGNALING INVOLVED: A TARGET FOR CONTROL METHODS. , 2007, , 47-60.		9
234	Probing strigolactone perception mechanisms with rationally designed small-molecule agonists stimulating germination of root parasitic weeds. <i>Nature Communications</i> , 2022, 13, .	12.8	9

#	ARTICLE	IF	CITATIONS
235	Functional intron-derived miRNAs and host-gene expression in plants. <i>Plant Methods</i> , 2018, 14, 83.	4.3	8
236	Can biochemical traits bridge the gap between genomics and plant performance? A study in rice under drought. <i>Plant Physiology</i> , 2022, 189, 1139-1152.	4.8	8
237	The Effect of Host-Root-Derived Chemical Signals on the Germination of Parasitic Plants. , 0, , 39-54.		7
238	UPLC-MS/MS analysis and biological activity of the potato cyst nematode hatching stimulant, solanoelepin A, in the root exudate of <i>Solanum</i> spp.. <i>Planta</i> , 2021, 254, 112.	3.2	7
239	Metabolic Engineering of Terpenoid Biosynthesis in Plants. , 2007, , 219-236.		6
240	Research to Improve Artemisinin Production for use in the Preparation of Anti-Malarial Drugs. , 0, , 275-290.		6
241	Molecular Engineering of Floral Scent. , 2006, , 321-337.		6
242	Assessment of pleiotropic transcriptome perturbations in <i>Arabidopsis</i> engineered for indirect insect defence. <i>BMC Plant Biology</i> , 2014, 14, 170.	3.6	5
243	The Use of Metabolomics to Elucidate Resistance Markers against Damson-Hop Aphid. <i>Journal of Chemical Ecology</i> , 2018, 44, 711-726.	1.8	5
244	Dissecting the pine tree green chemical factory. <i>Journal of Experimental Botany</i> , 2019, 70, 4-6.	4.8	5
245	Parasitic plants: physiology, development, signaling, and ecosystem interactions. <i>Plant Physiology</i> , 2021, 185, 1267-1269.	4.8	5
246	Characterization of maize root microbiome in two different soils by minimizing plant DNA contamination in metabarcoding analysis. <i>Biology and Fertility of Soils</i> , 2021, 57, 731-737.	4.3	5
247	Plant lipids enticed fungi to mutualism. <i>Science</i> , 2021, 372, 789-790.	12.6	4
248	Characterization of growth and development of sorghum genotypes with differential susceptibility to <i>Striga hermonthica</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 7970-7983.	4.8	4
249	Strigolactone: Pflanzenhormone mit vielversprechenden Eigenschaften. <i>Angewandte Chemie</i> , 2019, 131, 12909-12917.	2.0	3
250	Genome-Wide Analysis Reveals Transcription Factors Regulated by Spider-Mite Feeding in Cucumber (<i>Cucumis sativus</i>). <i>Plants</i> , 2020, 9, 1014.	3.5	2
251	High-energy-level metabolism and transport occur at the transition from closed to open flowers. <i>Plant Physiology</i> , 2022, 190, 319-339.	4.8	2
252	Over-expression of a YUCCA-Like Gene Results in Altered Shoot and Stolon Branching and Reduced Potato Tuber Size. <i>Potato Research</i> , 0, , .	2.7	2

#	ARTICLE	IF	CITATIONS
253	Can witchweed be wiped out?. Science, 2018, 362, 1248-1249.	12.6	1
254	Editorial overview: Biotechnology to help understand and harness biotic interactions in plants. Current Opinion in Biotechnology, 2021, 70, vi-viii.	6.6	0
255	Strigolactones: A Cry for Help Results in Fatal Attraction. Is Escape Possible?. , 2012, , 199-211.		0