

Natalia Dudareva

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143
papers

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56
h-index

116
g-index

153
ext. papers

16,010
ext. citations

8.8
avg, IF

6.64
L-index

#	Paper	IF	Citations
143	The function of terpene natural products in the natural world. <i>Nature Chemical Biology</i> , 2007 , 3, 408-14	11.7	1212
142	Plant Volatiles: Recent Advances and Future Perspectives. <i>Critical Reviews in Plant Sciences</i> , 2006 , 25, 417-440	5.6	788
141	Biochemistry of plant volatiles. <i>Plant Physiology</i> , 2004 , 135, 1893-902	6.6	710
140	Biosynthesis, function and metabolic engineering of plant volatile organic compounds. <i>New Phytologist</i> , 2013 , 198, 16-32	9.8	697
139	The shikimate pathway and aromatic amino Acid biosynthesis in plants. <i>Annual Review of Plant Biology</i> , 2012 , 63, 73-105	30.7	696
138	Biosynthesis of plant volatiles: nature's diversity and ingenuity. <i>Science</i> , 2006 , 311, 808-11	33.3	609
137	An investigation of the storage and biosynthesis of phenylpropenes in sweet basil. <i>Plant Physiology</i> , 2001 , 125, 539-55	6.6	374
136	The nonmevalonate pathway supports both monoterpene and sesquiterpene formation in snapdragon flowers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 933-8	11.5	373
135	Biochemical and molecular genetic aspects of floral scents. <i>Plant Physiology</i> , 2000 , 122, 627-33	6.6	346
134	(E)-beta-ocimene and myrcene synthase genes of floral scent biosynthesis in snapdragon: function and expression of three terpene synthase genes of a new terpene synthase subfamily. <i>Plant Cell</i> , 2003 , 15, 1227-41	11.6	339
133	Understanding in vivo benzenoid metabolism in petunia petal tissue. <i>Plant Physiology</i> , 2004 , 135, 1993-2011	11.6	328
132	Evolution of floral scent in <i>Clarkia</i> : novel patterns of S-linalool synthase gene expression in the <i>C. breweri</i> flower. <i>Plant Cell</i> , 1996 , 8, 1137-48	11.6	300
131	Eugenol and isoeugenol, characteristic aromatic constituents of spices, are biosynthesized via reduction of a coniferyl alcohol ester. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10128-33	11.5	267
130	Developmental regulation of methyl benzoate biosynthesis and emission in snapdragon flowers. <i>Plant Cell</i> , 2000 , 12, 949-61	11.6	242
129	Floral volatiles: from biosynthesis to function. <i>Plant, Cell and Environment</i> , 2014 , 37, 1936-49	8.4	215
128	A familiar ring to it: biosynthesis of plant benzoic acids. <i>Molecular Plant</i> , 2015 , 8, 83-97	14.4	211
127	Plant phenylacetaldehyde synthase is a bifunctional homotetrameric enzyme that catalyzes phenylalanine decarboxylation and oxidation. <i>Journal of Biological Chemistry</i> , 2006 , 281, 23357-66	5.4	211

126	Insight into the evolution of the Solanaceae from the parental genomes of <i>Petunia hybrida</i> . <i>Nature Plants</i> , 2016 , 2, 16074	11.5	198
125	Regulation of circadian methyl benzoate emission in diurnally and nocturnally emitting plants. <i>Plant Cell</i> , 2001 , 13, 2333-47	11.6	190
124	Regulation of methylbenzoate emission after pollination in snapdragon and petunia flowers. <i>Plant Cell</i> , 2003 , 15, 2992-3006	11.6	185
123	Acetyl-CoA:benzylalcohol acetyltransferase--an enzyme involved in floral scent production in <i>Clarkia breweri</i> . <i>Plant Journal</i> , 1998 , 14, 297-304	6.9	173
122	Metabolic engineering of plant volatiles. <i>Current Opinion in Biotechnology</i> , 2008 , 19, 181-9	11.4	171
121	Two nearly identical terpene synthases catalyze the formation of nerolidol and linalool in snapdragon flowers. <i>Plant Journal</i> , 2008 , 55, 224-39	6.9	158
120	Formation of monoterpenes in <i>Antirrhinum majus</i> and <i>Clarkia breweri</i> flowers involves heterodimeric geranyl diphosphate synthases. <i>Plant Cell</i> , 2004 , 16, 977-92	11.6	135
119	Reduction of benzenoid synthesis in petunia flowers reveals multiple pathways to benzoic acid and enhancement in auxin transport. <i>Plant Cell</i> , 2006 , 18, 3458-75	11.6	132
118	Floral scent production in <i>Clarkia breweri</i> (Onagraceae). II. Localization and developmental modulation of the enzyme S-adenosyl-L-methionine:(iso)eugenol O-methyltransferase and phenylpropanoid emission. <i>Plant Physiology</i> , 1997 , 114, 213-21	6.6	127
117	Emission of volatile organic compounds from petunia flowers is facilitated by an ABC transporter. <i>Science</i> , 2017 , 356, 1386-1388	33.3	126
116	Completion of the core oxidative pathway of benzoic acid biosynthesis in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16383-8	11.5	123
115	An alternative pathway contributes to phenylalanine biosynthesis in plants via a cytosolic tyrosine:phenylpyruvate aminotransferase. <i>Nature Communications</i> , 2013 , 4, 2833	17.4	121
114	RNAi suppression of Arogenate Dehydratase1 reveals that phenylalanine is synthesized predominantly via the arogenate pathway in petunia petals. <i>Plant Cell</i> , 2010 , 22, 832-49	11.6	121
113	Regulation of Circadian Methyl Benzoate Emission in Diurnally and Nocturnally Emitting Plants. <i>Plant Cell</i> , 2001 , 13, 2333-2347	11.6	121
112	Cellular and subcellular localization of S-adenosyl-L-methionine:benzoic acid carboxyl methyltransferase, the enzyme responsible for biosynthesis of the volatile ester methylbenzoate in snapdragon flowers. <i>Plant Physiology</i> , 2001 , 126, 956-64	6.6	116
111	Prephenate aminotransferase directs plant phenylalanine biosynthesis via arogenate. <i>Nature Chemical Biology</i> , 2011 , 7, 19-21	11.7	114
110	Rethinking how volatiles are released from plant cells. <i>Trends in Plant Science</i> , 2015 , 20, 545-50	13.1	108
109	Characterization of a petunia acetyltransferase involved in the biosynthesis of the floral volatile isoeugenol. <i>Plant Journal</i> , 2007 , 49, 265-75	6.9	107

108	Contribution of CoA ligases to benzenoid biosynthesis in petunia flowers. <i>Plant Cell</i> , 2012 , 24, 2015-30	11.6	105
107	Intensity and the ratios of compounds in the scent of snapdragon flowers affect scent discrimination by honeybees (<i>Apis mellifera</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2005 , 191, 105-14	2.3	103
106	Two terpene synthases are responsible for the major sesquiterpenes emitted from the flowers of kiwifruit (<i>Actinidia deliciosa</i>). <i>Journal of Experimental Botany</i> , 2009 , 60, 3203-19	7	101
105	Structure and evolution of linalool synthase. <i>Molecular Biology and Evolution</i> , 1998 , 15, 1491-8	8.3	100
104	Floral benzenoid carboxyl methyltransferases: from in vitro to in planta function. <i>Phytochemistry</i> , 2005 , 66, 1211-30	4	99
103	Scent engineering: toward the goal of controlling how flowers smell. <i>Trends in Biotechnology</i> , 2007 , 25, 105-10	15.1	89
102	Interlinking showy traits: co-engineering of scent and colour biosynthesis in flowers. <i>Plant Biotechnology Journal</i> , 2008 , 6, 403-15	11.6	85
101	Cytosolic monoterpene biosynthesis is supported by plastid-generated geranyl diphosphate substrate in transgenic tomato fruits. <i>Plant Journal</i> , 2013 , 75, 351-63	6.9	81
100	Generation of phenylpropanoid pathway-derived volatiles in transgenic plants: rose alcohol acetyltransferase produces phenylethyl acetate and benzyl acetate in petunia flowers. <i>Plant Molecular Biology</i> , 2006 , 60, 555-63	4.6	81
99	Floral scent production in <i>Clarkia breweri</i> . III. Enzymatic synthesis and emission of benzenoid esters. <i>Plant Physiology</i> , 1998 , 116, 599-604	6.6	78
98	Involvement of snapdragon benzaldehyde dehydrogenase in benzoic acid biosynthesis. <i>Plant Journal</i> , 2009 , 59, 256-65	6.9	76
97	Purification and characterization of S-adenosyl-L-methionine:benzoic acid carboxyl methyltransferase, the enzyme responsible for biosynthesis of the volatile ester methyl benzoate in flowers of <i>Antirrhinum majus</i> . <i>Archives of Biochemistry and Biophysics</i> , 2000 , 382, 145-51	4.1	76
96	The small subunit of snapdragon geranyl diphosphate synthase modifies the chain length specificity of tobacco geranylgeranyl diphosphate synthase in planta. <i>Plant Cell</i> , 2009 , 21, 4002-17	11.6	72
95	The challenges of cellular compartmentalization in plant metabolic engineering. <i>Current Opinion in Biotechnology</i> , 2013 , 24, 239-46	11.4	69
94	The multiple phenylpropene synthases in both <i>Clarkia breweri</i> and <i>Petunia hybrida</i> represent two distinct protein lineages. <i>Plant Journal</i> , 2008 , 54, 362-74	6.9	68
93	Benzoylation and sinapoylation of glucosinolate R-groups in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2012 , 72, 411-226.9		66
92	Plant Volatiles: Going In but not Out of Trichome Cavities. <i>Trends in Plant Science</i> , 2017 , 22, 930-938	13.1	64
91	The Origin and Biosynthesis of the Benzenoid Moiety of Ubiquinone (Coenzyme Q) in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014 , 26, 1938-1948	11.6	63

90	Contribution of isopentenyl phosphate to plant terpenoid metabolism. <i>Nature Plants</i> , 2018 , 4, 721-729	11.5	62
89	Novel S-adenosyl-L-methionine:salicylic acid carboxyl methyltransferase, an enzyme responsible for biosynthesis of methyl salicylate and methyl benzoate, is not involved in floral scent production in snapdragon flowers. <i>Archives of Biochemistry and Biophysics</i> , 2002 , 406, 261-70	4.1	58
88	Completion of the cytosolic post-chorismate phenylalanine biosynthetic pathway in plants. <i>Nature Communications</i> , 2019 , 10, 15	17.4	57
87	A recruiting protein of geranylgeranyl diphosphate synthase controls metabolic flux toward chlorophyll biosynthesis in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6866-6871	11.5	56
86	Developmental changes in the metabolic network of snapdragon flowers. <i>PLoS ONE</i> , 2012 , 7, e40381	3.7	56
85	Cuticle characteristics and volatile emissions of petals in <i>Antirrhinum majus</i> . <i>Physiologia Plantarum</i> , 2003 , 117, 435-443	4.6	56
84	Identification of a plastidial phenylalanine exporter that influences flux distribution through the phenylalanine biosynthetic network. <i>Nature Communications</i> , 2015 , 6, 8142	17.4	52
83	Evolution of Cinnamate/p-coumarate carboxyl methyltransferases and their role in the biosynthesis of methylcinnamate. <i>Plant Cell</i> , 2007 , 19, 3212-29	11.6	52
82	Practical applications of research into the regulation of plant volatile emission. <i>Current Opinion in Plant Biology</i> , 2005 , 8, 113-8	9.9	50
81	Orthologs of the archaeal isopentenyl phosphate kinase regulate terpenoid production in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10050-5	11.5	49
80	Structural studies of cinnamoyl-CoA reductase and cinnamyl-alcohol dehydrogenase, key enzymes of monolignol biosynthesis. <i>Plant Cell</i> , 2014 , 26, 3709-27	11.6	48
79	An important role of a BAHD acyl transferase-like protein in plant innate immunity. <i>Plant Journal</i> , 2009 , 57, 1040-53	6.9	48
78	Phylogenomic Mining of the Mints Reveals Multiple Mechanisms Contributing to the Evolution of Chemical Diversity in Lamiaceae. <i>Molecular Plant</i> , 2018 , 11, 1084-1096	14.4	48
77	Genetic manipulation of lignocellulosic biomass for bioenergy. <i>Current Opinion in Chemical Biology</i> , 2015 , 29, 32-9	9.7	46
76	Role of aromatic aldehyde synthase in wounding/herbivory response and flower scent production in different <i>Arabidopsis</i> ecotypes. <i>Plant Journal</i> , 2011 , 66, 591-602	6.9	45
75	A kinetic model describes metabolic response to perturbations and distribution of flux control in the benzenoid network of <i>Petunia hybrida</i> . <i>Plant Journal</i> , 2010 , 62, 64-76	6.9	39
74	Functional identification of valerena-1,10-diene synthase, a terpene synthase catalyzing a unique chemical cascade in the biosynthesis of biologically active sesquiterpenes in <i>Valeriana officinalis</i> . <i>Journal of Biological Chemistry</i> , 2013 , 288, 3163-73	5.4	34
73	Natural fumigation as a mechanism for volatile transport between flower organs. <i>Nature Chemical Biology</i> , 2019 , 15, 583-588	11.7	32

72	Petunia hybrida floral scent production is negatively affected by high-temperature growth conditions. <i>Plant, Cell and Environment</i> , 2015 , 38, 1333-46	8.4	32
71	Metabolic engineering of monoterpene biosynthesis in tomato fruits via introduction of the non-canonical substrate neryl diphosphate. <i>Metabolic Engineering</i> , 2014 , 24, 107-16	9.7	31
70	The floral volatile, methyl benzoate, from snapdragon (<i>Antirrhinum majus</i>) triggers phytotoxic effects in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2007 , 226, 1-10	4.7	31
69	CCoAOMT Down-Regulation Activates Anthocyanin Biosynthesis in Petunia. <i>Plant Physiology</i> , 2016 , 170, 717-31	6.6	30
68	The monolignol pathway contributes to the biosynthesis of volatile phenylpropenes in flowers. <i>New Phytologist</i> , 2014 , 204, 661-670	9.8	29
67	The lack of floral synthesis and emission of isoeugenol in <i>Petunia axillaris</i> subsp. <i>parodii</i> is due to a mutation in the isoeugenol synthase gene. <i>Plant Journal</i> , 2009 , 58, 961-9	6.9	29
66	A chromosomal-scale genome assembly of <i>Tectona grandis</i> reveals the importance of tandem gene duplication and enables discovery of genes in natural product biosynthetic pathways. <i>GigaScience</i> , 2019 , 8,	7.6	25
65	Metabolomics of plant volatiles. <i>Methods in Molecular Biology</i> , 2009 , 553, 329-43	1.4	25
64	Characterization of benzylalcohol acetyltransferases in scented and non-scented <i>Clarkia</i> species. <i>Plant and Cell Physiology</i> , 1999 , 40, 916-23	4.9	25
63	A survey of oxidative paracatalytic reactions catalyzed by enzymes that generate carbanionic intermediates: implications for ROS production, cancer etiology, and neurodegenerative diseases. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , 2011 , 77, 307-60		23
62	The evolutionary origins of the cat attractant nepetalactone in catnip. <i>Science Advances</i> , 2020 , 6, eaba07243	11.3	22
61	Evolution of Floral Scent in <i>Clarkia</i> : Novel Patterns of S-Linalool Synthase Gene Expression in the <i>C. breweri</i> Flower. <i>Plant Cell</i> , 1996 , 8, 1137	11.6	22
60	Structure of the mitochondrial genome of <i>Beta vulgaris</i> L. <i>Theoretical and Applied Genetics</i> , 1988 , 76, 753-9	6	21
59	Phylobiochemical characterization of class-Ib aspartate/prephenate aminotransferases reveals evolution of the plant arogenate phenylalanine pathway. <i>Plant Cell</i> , 2014 , 26, 3101-14	11.6	20
58	Aromatic Amino Acids: A Complex Network Ripe for Future Exploration. <i>Trends in Plant Science</i> , 2020 , 25, 670-681	13.1	19
57	A peroxisomal thioesterase plays auxiliary roles in plant oxidative benzoic acid metabolism. <i>Plant Journal</i> , 2018 , 93, 905-916	6.9	19
56	Floral Scents and Fruit Aromas Inspired by Nature 2009 , 405-431		19
55	A C isotope labeling method for the measurement of lignin metabolic flux in <i>Arabidopsis</i> stems. <i>Plant Methods</i> , 2018 , 14, 51	5.8	16

54	A Promiscuous CYP706A3 Reduces Terpene Volatile Emission from Arabidopsis Flowers, Affecting Florivores and the Floral Microbiome. <i>Plant Cell</i> , 2019 , 31, 2947-2972	11.6	16
53	Developmental Regulation of Phenylpropanoid Biosynthesis in Leaves and Glandular Trichomes of Basil (<i>Ocimum basilicum</i> L.). <i>International Journal of Plant Sciences</i> , 2006 , 167, 447-454	2.6	16
52	Cuticle thickness affects dynamics of volatile emission from petunia flowers. <i>Nature Chemical Biology</i> , 2021 , 17, 138-145	11.7	16
51	Differences in Monoterpene Biosynthesis and Accumulation in <i>Pistacia palaestina</i> Leaves and Aphid-Induced Galls. <i>Journal of Chemical Ecology</i> , 2017 , 43, 143-152	2.7	15
50	Targeted Metabolomics of the Phenylpropanoid Pathway in <i>Arabidopsis thaliana</i> using Reversed Phase Liquid Chromatography Coupled with Tandem Mass Spectrometry. <i>Phytochemical Analysis</i> , 2017 , 28, 267-276	3.4	15
49	Aromatic Volatiles and Their Involvement in Plant Defense 2008 , 409-432		15
48	Multifaceted plant responses to circumvent Phe hyperaccumulation by downregulation of flux through the shikimate pathway and by vacuolar Phe sequestration. <i>Plant Journal</i> , 2017 , 92, 939-950	6.9	13
47	Phenotypic Space and Variation of Floral Scent Profiles during Late Flower Development in. <i>Frontiers in Plant Science</i> , 2016 , 7, 1903	6.2	13
46	Adaptive mechanisms of plant specialized metabolism connecting chemistry to function. <i>Nature Chemical Biology</i> , 2021 , 17, 1037-1045	11.7	13
45	Carnivore Attractant or Plant Elicitor? Multifunctional Roles of Methyl Salicylate Lures in Tomato Defense. <i>Journal of Chemical Ecology</i> , 2017 , 43, 573-585	2.7	12
44	Synthesis of the food flavoring methyl benzoate by genetically engineered <i>Saccharomyces cerevisiae</i> . <i>Journal of Biotechnology</i> , 2006 , 122, 307-15	3.7	12
43	Nucleotide sequence of a pollen-specific cDNA from <i>Helianthus annuus</i> L. encoding a highly basic protein. <i>Plant Physiology</i> , 1994 , 106, 403-4	6.6	11
42	Modulation of auxin formation by the cytosolic phenylalanine biosynthetic pathway. <i>Nature Chemical Biology</i> , 2020 , 16, 850-856	11.7	10
41	Chapter 10 The Role of the Methyl-Erythritol-Phosphate (MEP) Pathway in Rhythmic Emission of Volatiles. <i>Advances in Photosynthesis and Respiration</i> , 2010 , 139-154	1.7	10
40	Dynamic modeling of subcellular phenylpropanoid metabolism in <i>Arabidopsis</i> lignifying cells. <i>Metabolic Engineering</i> , 2018 , 49, 36-46	9.7	9
39	Biosynthesis of methyleugenol and methylisoeugenol in <i>Daucus carota</i> leaves: Characterization of eugenol/isoeugenol synthase and O-Methyltransferase. <i>Phytochemistry</i> , 2019 , 159, 179-189	4	9
38	Profiling hydroxycinnamoyl-coenzyme A thioesters: unlocking the back door of phenylpropanoid metabolism. <i>Analytical Biochemistry</i> , 2012 , 420, 182-4	3.1	7
37	A pollen-specific gene from sunflower encodes a member of the leucine-rich-repeat protein superfamily. <i>Plant Science</i> , 1995 , 111, 81-93	5.3	7

36	The biosynthesis of thymol, carvacrol, and thymohydroquinone in Lamiaceae proceeds via cytochrome P450s and a short-chain dehydrogenase.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
35	Involvement of Compartmentalization in Monoterpene and Sesquiterpene Biosynthesis in Plants 2012 , 155-169		6
34	Biogenesis of Floral Scents 2010 , 31-54		6
33	Structural organization and transcription of plant mitochondrial and chloroplast genomes. <i>Electron Microscopy Reviews</i> , 1991 , 4, 221-47		6
32	Genome sequencing of four culinary herbs reveals terpenoid genes underlying chemodiversity in the Nepetoideae. <i>DNA Research</i> , 2020 , 27,	4.5	6
31	Retracing the molecular basis and evolutionary history of the loss of benzaldehyde emission in the genus <i>Capsella</i> . <i>New Phytologist</i> , 2019 , 224, 1349-1360	9.8	5
30	Benzenoids Dominate the Fragrance of Petunia Flowers 2009 , 51-69		5
29	A flower-specific gene family whose expression is regulated temporally and spatially during flower development in sunflower. <i>Plant Science</i> , 1996 , 120, 161-173	5.3	5
28	Metabolic Engineering of Floral Scent of Ornamentals. <i>Journal of Crop Improvement</i> , 2006 , 18, 325-346	1.4	4
27	Regulation of Circadian Methyl Benzoate Emission in Diurnally and Nocturnally Emitting Plants. <i>Plant Cell</i> , 2001 , 13, 2333	11.6	4
26	The chloroplast genome of <i>Beta vulgaris</i> L.: Structural organization and transcriptional activity. <i>Plant Science</i> , 1989 , 62, 93-103	5.3	4
25	Silent constraints: the hidden challenges faced in plant metabolic engineering. <i>Current Opinion in Biotechnology</i> , 2021 , 69, 112-117	11.4	4
24	Dynamic histone acetylation in floral volatile synthesis and emission in petunia flowers. <i>Journal of Experimental Botany</i> , 2021 , 72, 3704-3722	7	4
23	Overexpression of arogenate dehydratase reveals an upstream point of metabolic control in phenylalanine biosynthesis. <i>Plant Journal</i> , 2021 , 108, 737-751	6.9	4
22	Application of Dynamic Flux Analysis in Plant Metabolic Networks 2009 , 285-305		4
21	Prenyltransferases catalyzing geranyldiphosphate formation in tomato fruit. <i>Plant Science</i> , 2020 , 296, 110504	5.3	3
20	Quantification of plant volatiles. <i>Methods in Molecular Biology</i> , 2014 , 1083, 41-53	1.4	3
19	Floral Scent Metabolic Pathways 2006 , 55-78		3

18	Tomato Fruits-A Platform for Metabolic Engineering of Terpenes. <i>Methods in Enzymology</i> , 2016 , 576, 333-59	1.7	3
17	Floral Scent: Biosynthesis, Regulation and Genetic Modifications 2018 , 240-257		3
16	A peroxisomal heterodimeric enzyme is involved in benzaldehyde synthesis in plants.. <i>Nature Communications</i> , 2022 , 13, 1352	17.4	3
15	Floral Scent: Biosynthesis, Regulation and Genetic Modifications 240-257		2
14	Metabolic Engineering of Plant Volatiles 2020 , 379-403		2
13	Functional Genomics to Isolate Genes Involved in Fragrance Production for Genetic Engineering of Scent in Flowers 2003 , 329-332		2
12	A Familiar Ring to It: Biosynthesis of Plant Benzoic Acids. <i>Molecular Plant</i> , 2014 ,	14.4	1
11	Floral Scent Metabolic Pathways and Their Regulation 2020 , 147-164		1
10	Biosynthesis of Scent and Flavor Compounds. <i>Current Plant Science and Biotechnology in Agriculture</i> , 1999 , 601-604		1
9	Transcriptional upregulation of host-specific terpene metabolism in aphid-induced galls of Pistacia palaestina. <i>Journal of Experimental Botany</i> , 2021 ,	7	1
8	Overcoming Bottlenecks for Metabolic Engineering of Sesquiterpene Production in Tomato Fruits. <i>Frontiers in Plant Science</i> , 2021 , 12, 691754	6.2	1
7	Combining biotechnology and evolution for understanding the mechanisms of pollinator attraction. <i>Current Opinion in Biotechnology</i> , 2021 , 70, 213-219	11.4	1
6	Emission and Perception of Plant Volatiles 2020 , 251-267		0
5	Aromatic Amino Acid Network: Biosynthesis, Regulation and Transport. <i>FASEB Journal</i> , 2015 , 29, 103.2	0.9	0
4	Identification of a wild carrot as carrot psylla (<i>Bactericera trigonica</i>) attractant and host plant chemistry. <i>Plant Science</i> , 2021 , 311, 111011	5.3	0
3	Tomato aroma: biochemistry and biotechnology 2016 , 243-263		
2	Career Profile: Biochemist and Plant Molecular Biologist. <i>Journal of Chemical Education</i> , 2007 , 84, 1564	2.4	
1	Floral Scent 2004 , 456-459		

