

Soheil S Mahmoud

List of Publications by Year in descending order

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32
papers

1,453
citations

471509

17
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1584
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for transgenic manipulation of monoterpene biosynthesis in plants. Trends in Plant Science, 2002, 7, 366-373.	8.8	303
2	Biosynthesis and Therapeutic Properties of Lavandula Essential Oil Constituents. Planta Medica, 2011, 77, 7-15.	1.3	163
3	Menthofuran regulates essential oil biosynthesis in peppermint by controlling a downstream monoterpene reductase. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14481-14486.	7.1	122
4	Cosuppression of limonene-3-hydroxylase in peppermint promotes accumulation of limonene in the essential oil. Phytochemistry, 2004, 65, 547-554.	2.9	100
5	A genomics resource for investigating regulation of essential oil production in Lavandula angustifolia. Planta, 2010, 231, 835-845.	3.2	87
6	The Biosynthetic Origin of Irregular Monoterpenes in Lavandula. Journal of Biological Chemistry, 2013, 288, 6333-6341.	3.4	84
7	Cloning and functional characterization of β -phellandrene synthase from Lavandula angustifolia. Planta, 2011, 233, 685-696.	3.2	62
8	Cloning, functional characterization and genomic organization of 1,8-cineole synthases from Lavandula. Plant Molecular Biology, 2012, 79, 393-411.	3.9	54
9	Molecular cloning and functional characterization of borneol dehydrogenase from the glandular trichomes of Lavandula x intermedia. Archives of Biochemistry and Biophysics, 2012, 528, 163-170.	3.0	50
10	Insecticidal and oviposition deterrent effects of essential oils and their constituents against the invasive pest Drosophila suzukii (Matsumura) (Diptera: Drosophilidae). Crop Protection, 2015, 78, 20-26.	2.1	48
11	Transcriptome profiling, and cloning and characterization of the main monoterpene synthases of Coriandrum sativum L.. Phytochemistry, 2014, 102, 64-73.	2.9	45
12	Lavandula Essential Oils: A Current Review of Applications in Medicinal, Food, and Cosmetic Industries of Lavender. Natural Product Communications, 2018, 13, 1934578X1801301.	0.5	38
13	Identification, validation and cross-species transferability of novel Lavandula EST-SSRs. Planta, 2015, 241, 987-1004.	3.2	28
14	An Efficient Method for the Micropropagation of Lavenders: Regeneration of a Unique Mutant. Journal of Essential Oil Research, 2009, 21, 225-228.	2.7	23
15	Lavender (Lavandula angustifolia) Oils. , 2016, , 501-508.		23
16	Cloning and functional characterization of two monoterpene acetyltransferases from glandular trichomes of L. x intermedia.. Planta, 2015, 242, 709-719.	3.2	22
17	Comparative RNA-Seq analysis reveals genes associated with masculinization in female Cannabis sativa. Planta, 2021, 253, 17.	3.2	22
18	RNA-Seq in the discovery of a sparsely expressed scent-determining monoterpene synthase in lavender (Lavandula). Planta, 2019, 249, 271-290.	3.2	19

#	ARTICLE	IF	CITATIONS
19	A lavender ABC transporter confers resistance to monoterpene toxicity in yeast. <i>Planta</i> , 2019, 249, 139-144.	3.2	19
20	De novo sequencing of the <i>Lavandula angustifolia</i> genome reveals highly duplicated and optimized features for essential oil production. <i>Planta</i> , 2019, 249, 251-256.	3.2	19
21	An efficient method for regeneration of lavandin (<i>Lavandula x intermedia</i> cv. 'Grosso'). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2014, 50, 646-654.	2.1	17
22	Cloning of a sesquiterpene synthase from <i>Lavandula x intermedia</i> glandular trichomes. <i>Planta</i> , 2013, 238, 983-989.	3.2	15
23	Isolation and functional characterization of a methyl jasmonate-responsive 3-carene synthase from <i>Lavandula x intermedia</i> . <i>Plant Molecular Biology</i> , 2017, 93, 641-657.	3.9	13
24	Short-chain isoprenyl diphosphate synthases of lavender (<i>Lavandula</i>). <i>Plant Molecular Biology</i> , 2020, 102, 517-535.	3.9	13
25	Isoprenoid Metabolism and Engineering in Glandular Trichomes of Lamiaceae. <i>Frontiers in Plant Science</i> , 2021, 12, 699157.	3.6	12
26	Diverse transcription factors control monoterpene synthase expression in lavender (<i>Lavandula</i>). <i>Planta</i> , 2020, 251, 5.	3.2	11
27	Expression of lavender AGAMOUS-like and SEPALLATA3-like genes promote early flowering and alter leaf morphology in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2021, 254, 54.	3.2	11
28	Antifungal Screening of Lavender Essential oils and Essential Oil Constituents on three Post-harvest Fungal Pathogens. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	10
29	Suppression of linalool acetate production in <i>Lavandula x intermedia</i> . <i>Natural Product Communications</i> , 2009, 4, 1533-6.	0.5	8
30	Cloning and functional characterization of a floral repressor gene from <i>Lavandula angustifolia</i> . <i>Planta</i> , 2020, 251, 41.	3.2	7
31	An assessment of plant DNA barcodes for the identification of cultivated <i>Lavandula</i> (Lamiaceae) taxa. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 459-466.	3.1	5
32	Cloning and functional characterization of Cs ¹ TRPS from <i>Coriandrum sativum</i> . <i>FASEB Journal</i> , 2013, 27, 580.4.	0.5	0