Soheil S Mahmoud

List of Publications by Year
in descending order

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	Isoprenoid Metabolism and Engineering in Glandular Trichomes of Lamiaceae. Frontiers in Plant Science, 2021, 12, 699157.	3.6	12
2	Expression of lavender AGAMOUS-like and SEPALLATA3-like genes promote early flowering and alter leaf morphology in Arabidopsis thaliana. Planta, 2021, 254, 54.	3.2	11
3	Comparative RNA-Seq analysis reveals genes associated with masculinization in female Cannabis sativa. Planta, 2021, 253, 17.	3.2	22
4	Cloning and functional characterization of a floral repressor gene from Lavandula angustifolia. Planta, 2020, 251, 41.	3.2	7
5	Diverse transcription factors control monoterpene synthase expression in lavender (Lavandula). Planta, 2020, 251, 5.	3.2	11
6	Short-chain isoprenyl diphosphate synthases of lavender (Lavandula). Plant Molecular Biology, 2020, 102, 517-535.	3.9	13
7	RNA-Seq in the discovery of a sparsely expressed scent-determining monoterpene synthase in lavender (Lavandula). Planta, 2019, 249, 271-290.	3.2	19
8	A lavender ABC transporter confers resistance to monoterpene toxicity in yeast. Planta, 2019, 249, 139-144.	3.2	19
9	De novo sequencing of the Lavandula angustifolia genome reveals highly duplicated and optimized features for essential oil production. Planta, 2019, 249, 251-256.	3.2	19
10	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
11	An assessment of plant DNA barcodes for the identification of cultivated Lavandula (Lamiaceae) taxa. Biocatalysis and Agricultural Biotechnology, 2018, 16, 459-466.	3.1	5
12	Isolation and functional characterization of a methyl jasmonate-responsive 3-carene synthase from Lavandula x intermedia. Plant Molecular Biology, 2017, 93, 641-657.	3.9	13
13	Antifungal Screening of Lavender Essential oils and Essential Oil Constituents on three Post-harvest Fungal Pathogens. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	10
14	Lavender (Lavandula angustifolia) Oils. , 2016, , 501-508.		23
15	Cloning and functional characterization of two monoterpene acetyltransferases from glandular trichomes of L. x intermedia.. Planta, 2015, 242, 709-719.	3.2	22
16	Identification, validation and cross-species transferability of novel Lavandula EST-SSRs. Planta, 2015, 241, 987-1004.	3.2	28
17	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
18	An efficient method for regeneration of lavandin (Lavandula x intermedia cv. 'Grosso'). In Vitro Cellular and Developmental Biology - Plant, 2014, 50, 646-654.	2.1	17

#	Article	IF	Citations
19	Transcriptome profiling, and cloning and characterization of the main monoterpene synthases of Coriandrum sativum L.. Phytochemistry, 2014, 102, 64-73.	2.9	45
20	Cloning of a sesquiterpene synthase from Lavandula x intermedia glandular trichomes. Planta, 2013, 238, 983-989.	3.2	15
21	The Biosynthetic Origin of Irregular Monoterpenes in Lavandula. Journal of Biological Chemistry, 2013, 288, 6333-6341.	3.4	84
22	Cloning and functional characterization of CsÎ³TRPS from Coriandrum sativum. FASEB Journal, 2013, 27, 580.4.	0.5	0
23	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
24	Cloning, functional characterization and genomic organization of 1,8-cineole synthases from Lavandula. Plant Molecular Biology, 2012, 79, 393-411.	3.9	54
25	Biosynthesis and Therapeutic Properties ofLavandulaEssential Oil Constituents. Planta Medica, 2011, 77, 7-15.	1.3	163
26	Cloning and functional characterization of Î²-phellandrene synthase from Lavandula angustifolia. Planta, 2011, 233, 685-696.	3.2	62
27	A genomics resource for investigating regulation of essential oil production in Lavandula angustifolia. Planta, 2010, 231, 835-845.	3.2	87
28	An Effcient Method for the Micropropagation of Lavenders: Regeneration of a Unique Mutant. Journal of Essential Oil Research, 2009, 21, 225-228.	2.7	23
29	Suppression of linalool acetate production in Lavandula x intermedia. Natural Product Communications, 2009, 4, 1533-6.	0.5	8
30	Cosuppression of limonene-3-hydroxylase in peppermint promotes accumulation of limonene in the essential oil. Phytochemistry, 2004, 65, 547-554.	2.9	100
31	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
32	Strategies for transgenic manipulation of monoterpene biosynthesis in plants. Trends in Plant Science, 2002, 7, 366-373.	8.8	303