

Paul D Matthews

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

708
citations

933447

10
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of tandem repeat families from long-read sequences of <i>Humulus lupulus</i> . PLoS ONE, 2020, 15, e0233971.	2.5	1
2	Evaluating genetic diversity and structure of a wild hop (<i>Humulus lupulus</i> L.) germplasm using morphological and molecular characteristics. Euphytica, 2020, 216, 1.	1.2	20
3	Hop (<i>Humulus lupulus</i> L.) terroir has large effect on a glycosylated green leaf volatile but not on other aroma glycosides. Food Chemistry, 2020, 321, 126644.	8.2	33
4	Non-Mendelian Single Nucleotide Polymorphism Inheritance and Atypical Meiotic Configurations are Prevalent in Hop. Plant Genome, 2017, 10, plantgenome2017.04.0032.	2.8	20
5	Targeted analysis of polyphenol metabolism during development of hop (<i>Humulus lupulus</i> L.) cones following treatment with prohexadione-calcium. Food Chemistry, 2014, 145, 254-263.	8.2	17
6	Development of new microsatellite markers (SSRs) for <i>Humulus lupulus</i> . Molecular Breeding, 2012, 30, 479-484.	2.1	22
7	Increase in Cone Biomass and Terpenophenolics in Hops (<i>Humulus lupulus</i> L.) by Treatment with Prohexadione-Calcium. Journal of Agricultural and Food Chemistry, 2011, 59, 6720-6729.	5.2	3
8	Phytochemical and Morphological Characterization of Hop (<i>Humulus lupulus</i> L.) Cones over Five Developmental Stages Using High Performance Liquid Chromatography Coupled to Time-of-Flight Mass Spectrometry, Ultrahigh Performance Liquid Chromatography Photodiode Array Detection, and Light Microscopy Techniques. Journal of Agricultural and Food Chemistry, 2011, 59, 4783-4793.	5.2	57
9	EST Analysis of Hop Glandular Trichomes Identifies an <i>O</i> -Methyltransferase That Catalyzes the Biosynthesis of Xanthohumol. Plant Cell, 2008, 20, 186-200.	6.6	158
10	Gene Duplication in the Carotenoid Biosynthetic Pathway Preceded Evolution of the Grasses. Plant Physiology, 2004, 135, 1776-1783.	4.8	150
11	Maize phytoene desaturase and β -carotene desaturase catalyse a poly-Z desaturation pathway: implications for genetic engineering of carotenoid content among cereal crops. Journal of Experimental Botany, 2003, 54, 2215-2230.	4.8	130
12	Cloning and characterization of a maize cDNA encoding phytoene desaturase, an enzyme of the carotenoid biosynthetic pathway. Plant Molecular Biology, 1996, 30, 269-279.	3.9	94