Paul D Matthews

List of Publications by Year
in descending order

12	708	933447 10	1199594 12
papers	citations	h-index	g-index

14	14	14	944
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EST Analysis of Hop Glandular Trichomes Identifies an O-Methyltransferase That Catalyzes the Biosynthesis of Xanthohumol. Plant Cell, 2008, 20, 186-200.	6.6	158
2	Gene Duplication in the Carotenoid Biosynthetic Pathway Preceded Evolution of the Grasses. Plant Physiology, 2004, 135, 1776-1783.	4.8	150
3	Maize phytoene desaturase and Â-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
4	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
5	Phytochemical and Morphological Characterization of Hop (Humulus lupulus 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
6	Hop (Humulus lupulus 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
7	Development of new microsatellite markers (SSRs) for Humulus lupulus. Molecular Breeding, 2012, 30, 479-484.	2.1	22
8	Nonâ€Mendelian Singleâ€Nucleotide Polymorphism Inheritance and Atypical Meiotic Configurations are Prevalent in Hop. Plant Genome, 2017, 10, plantgenome2017.04.0032.	2.8	20
9	Evaluating genetic diversity and structure of a wild hop (Humulus lupulus L.) germplasm using morphological and molecular characteristics. Euphytica, 2020, 216, 1.	1.2	20
10	Targeted analysis of polyphenol metabolism during development of hop (Humulus lupulus L.) cones following treatment with prohexadione-calcium. Food Chemistry, 2014, 145, 254-263.	8.2	17
11	Increase in Cone Biomass and Terpenophenolics in Hops (Humulus lupulus L.) by Treatment with Prohexadione-Calcium. Journal of Agricultural and Food Chemistry, 2011, 59, 6720-6729.	5.2	3
12	Identification of tandem repeat families from long-read sequences of Humulus lupulus. PLoS ONE, 2020, 15, e0233971.	2.5	1