

Michael J Havey

List of Publications by Year in descending order

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44
papers

1,157
citations

430874

18
h-index

395702

33
g-index

47
all docs

47
docs citations

47
times ranked

979
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromosome rearrangements during domestication of cucumber as revealed by high-density genetic mapping and draft genome assembly. <i>Plant Journal</i> , 2012, 71, 895-906.	5.7	177
2	Cytogenomic Analyses Reveal the Structural Plasticity of the Chloroplast Genome in Higher Plants. <i>Plant Cell</i> , 2001, 13, 245-254.	6.6	125
3	RFLP variation and genetic relationships in cultivated cucumber. <i>Euphytica</i> , 1996, 90, 79-87.	1.2	87
4	A genetic map of cucumber composed of RAPDs, RFLPs, AFLPs, and loci conditioning resistance to papaya ringspot and zucchini yellow mosaic viruses. <i>Genome</i> , 2000, 43, 1003-1010.	2.0	71
5	Small, Repetitive DNAs Contribute Significantly to the Expanded Mitochondrial Genome of Cucumber. <i>Genetics</i> , 2001, 159, 317-328.	2.9	64
6	Mosaic (MSC) cucumbers regenerated from independent cell cultures possess different mitochondrial rearrangements. <i>Current Genetics</i> , 2004, 45, 45-53.	1.7	51
7	QTL affecting soluble carbohydrate concentrations in stored onion bulbs and their association with flavor and health-enhancing attributes. <i>Genome</i> , 2004, 47, 463-468.	2.0	47
8	A major deletion in the cucumber mitochondrial genome sorts with the MSC phenotype. <i>Current Genetics</i> , 2001, 40, 144-151.	1.7	46
9	Sequencing and annotation of the chloroplast DNAs and identification of polymorphisms distinguishing normal male-fertile and male-sterile cytoplasms of onion. <i>Genome</i> , 2013, 56, 737-742.	2.0	42
10	QTL mapping of parthenocarpic fruit set in North American processing cucumber. <i>Theoretical and Applied Genetics</i> , 2016, 129, 2387-2401.	3.6	42
11	Cucumber: a model angiosperm for mitochondrial transformation?. <i>Journal of Applied Genetics</i> , 2002, 43, 1-17.	1.9	31
12	The selection of mosaic (MSC) phenotype after passage of cucumber (<i>Cucumis sativus</i> L.) through cell culture – a method to obtain plant mitochondrial mutants. <i>Journal of Applied Genetics</i> , 2007, 48, 1-9.	1.9	27
13	On the origin and distribution of normal cytoplasm of onion. <i>Genetic Resources and Crop Evolution</i> , 1997, 44, 307-313.	1.6	23
14	Genetic analyses of anthocyanin concentrations and intensity of red bulb color among segregating haploid progenies of onion. <i>Molecular Breeding</i> , 2014, 34, 75-85.	2.1	23
15	High-resolution tyramide-FISH mapping of markers tightly linked to the male-fertility restoration (Ms) locus of onion. <i>Theoretical and Applied Genetics</i> , 2016, 129, 535-545.	3.6	21
16	Evaluation of Gynogenic Responsiveness and Pollen Viability of Selfed Doubled Haploid Onion Lines and Chromosome Doubling via Somatic Regeneration. <i>Journal of the American Society for Horticultural Science</i> , 2010, 135, 67-73.	1.0	21
17	Quantitative Trait Loci Controlling Amounts and Types of Epicuticular Waxes in Onion. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 597-602.	1.0	21
18	Restriction fragment length polymorphisms reveal considerable nuclear divergence within a well-supported maternal clade in <i>Allium</i> section <i>Cepa</i> (Alliaceae). <i>American Journal of Botany</i> , 1995, 82, 1455-1462.	1.7	20

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19	Assembly and characterisation of a unique onion diversity set identifies resistance to <i>Fusarium</i> basal rot and improved seedling vigour. <i>Theoretical and Applied Genetics</i> , 2019, 132, 3245-3264.	3.6	20
20	In vitro flowering and production of viable pollen of cucumber. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 73-82.	2.3	19
21	Tolerance in Cucumber to Cucurbit yellow stunting disorder virus. <i>Plant Disease</i> , 2006, 90, 645-649.	1.4	18
22	Copy numbers of mitochondrial genes change during melon leaf development and are lower than the numbers of mitochondria. <i>Horticulture Research</i> , 2019, 6, 95.	6.3	18
23	Diallel Crossing Among Doubled Haploids of Cucumber Reveals Significant Reciprocal-cross Differences. <i>Journal of the American Society for Horticultural Science</i> , 2015, 140, 178-182.	1.0	11
24	Cucumber Possesses a Single Terminal Alternative Oxidase Gene That is Upregulated by Cold Stress and in the Mosaic (MSC) Mitochondrial Mutants. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 1893-1906.	1.8	10
25	Application of Genomic Technologies to Crop Plants. <i>Crop Science</i> , 2004, 44, 1893-1895.	1.8	9
26	The Mosaic Mutants of Cucumber: A Method to Produce Knock-Downs of Mitochondrial Transcripts. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1211-1221.	1.8	9
27	Selection at the Ms locus in open pollinated onion (<i>Allium cepa</i> L.) populations possessing S-cytoplasm or mixtures of N- and S-cytoplasms. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 1495-1499.	1.6	8
28	Persistence and Protection of Mitochondrial DNA in the Generative Cell of Cucumber is Consistent with its Paternal Transmission. <i>Plant and Cell Physiology</i> , 2015, 56, pcv140.	3.1	8
29	Tyramide-FISH mapping of single genes for development of an integrated recombination and cytogenetic map of chromosome 5 of <i>Allium cepa</i> . <i>Genome</i> , 2015, 58, 111-119.	2.0	8
30	A genetic study of unilateral incompatibility between diploid (1EBN) Mexican species <i>Solanum pinnatisectum</i> and <i>S. cardiophyllum</i> subsp. <i>cardiophyllum</i> . <i>Sexual Plant Reproduction</i> , 2002, 14, 305-313.	2.2	7
31	Cytological Evaluations of Advanced Generations of Interspecific Hybrids Between <i>Allium cepa</i> and <i>Allium fistulosum</i> Showing Resistance to <i>Stemphylium vesicarium</i> . <i>Genes</i> , 2019, 10, 195.	2.4	7
32	Restriction Fragment Length Polymorphisms Reveal Considerable Nuclear Divergence within a Well-Supported Maternal Clade in <i>Allium</i> Section <i>Cepa</i> (Alliaceae). <i>American Journal of Botany</i> , 1995, 82, 1455.	1.7	7
33	Reflectance Spectroscopy for Non-Destructive Measurement and Genetic Analysis of Amounts and Types of Epicuticular Waxes on Onion Leaves. <i>Molecules</i> , 2020, 25, 3454.	3.8	6
34	Management of Onion Thrips (<i>Thrips tabaci</i>) in Organic Onion Production Using Multiple IPM Tactics. <i>Insects</i> , 2021, 12, 207.	2.2	6
35	Polymorphism in the Chloroplast ATP Synthase Beta-Subunit Is Associated with a Maternally Inherited Enhanced Cold Recovery in Cucumber. <i>Plants</i> , 2021, 10, 1092.	3.5	6
36	Genotyping by sequencing for SNP marker development in onion. <i>Genome</i> , 2020, 63, 607-613.	2.0	6

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37	Genetic Analyses and Mapping of Pink-Root Resistance in Onion. <i>Journal of the American Society for Horticultural Science</i> , 2018, 143, 503-507.	1.0	5
38	Spontaneous polyploidization in cucumber. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1481-1490.	3.6	4
39	Rare maternal and biparental transmission of the cucumber mitochondrial DNA reveals sorting of polymorphisms among progenies. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1223-1233.	3.6	4
40	Genetic Analyses of Resistance to Fusarium Basal Rot in Onion. <i>Horticulturae</i> , 2021, 7, 538.	2.8	4
41	Molecular Analyses and Heterosis in the Vegetables: Can We Breed Them Like Maize?. <i>CSSA Special Publication - Crop Science Society of America</i> , 2015, , 109-116.	0.1	1
42	Significant Parent-of-Origin Effects for Seed, Cotyledon, and Early Plant Growth Traits in Cucumber. <i>Agronomy</i> , 2021, 11, 1908.	3.0	0
43	Evaluation of AFLPs as Tags for the MS Locus in Onion. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1996, 31, 596c-596.	1.0	0
44	Performance of a semi-glossy onion hybrid in certified organic onion fields infested with Thrips tabaci and bulb-rot causing bacteria. <i>Crop Protection</i> , 2022, 160, 106037.	2.1	0