

Michael T Clegg

List of Publications by Year in descending order

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51
papers

4,345
citations

136740

32
h-index

243296

44
g-index

52
all docs

52
docs citations

52
times ranked

3156
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic evidence for a second domestication of barley (<i>Hordeum vulgare</i>) east of the Fertile Crescent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3289-3294.	3.3	331
2	Chloroplast DNA sequence from a Miocene <i>Magnolia</i> species. <i>Nature</i> , 1990, 344, 656-658.	13.7	323
3	Relative rates of nucleotide substitution at the <i>rbcl</i> locus of monocotyledonous plants. <i>Journal of Molecular Evolution</i> , 1992, 35, 292-303.	0.8	276
4	Measuring Plant Mating Systems. <i>BioScience</i> , 1980, 30, 814-818.	2.2	262
5	THE NATURE OF NUCLEOTIDE SEQUENCE DIVERGENCE BETWEEN BARLEY AND MAIZE CHLOROPLAST DNA. <i>Genetics</i> , 1984, 106, 735-749.	1.2	237
6	Evolution of a Noncoding Region of the Chloroplast Genome. <i>Molecular Phylogenetics and Evolution</i> , 1993, 2, 52-64.	1.2	199
7	Nucleotide diversity maps reveal variation in diversity among wheat genomes and chromosomes. <i>BMC Genomics</i> , 2010, 11, 702.	1.2	189
8	Low levels of linkage disequilibrium in wild barley (<i>Hordeum vulgare</i> ssp. <i>spontaneum</i>) despite high rates of self-fertilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2442-2447.	3.3	184
9	INFLUENCE OF FLOWER COLOR POLYMORPHISM ON GENETIC TRANSMISSION IN A NATURAL POPULATION OF THE COMMON MORNING GLORY, <i>IPOMOEA PURPUREA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 796-803.	1.1	175
10	Molecular evolution of the chalcone synthase multigene family in the morning glory genome. <i>Plant Molecular Biology</i> , 2000, 42, 79-92.	2.0	161
11	EVOLUTIONARY ANALYSIS OF THE LARGE SUBUNIT OF CARBOXYLASE (<i>rbcl</i>) NUCLEOTIDE SEQUENCE AMONG THE GRASSES (GRAMINEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 1097-1108.	1.1	153
12	Tracing the Geographic Origins of Major Avocado Cultivars. <i>Journal of Heredity</i> , 2008, 100, 56-65.	1.0	126
13	Barley landraces are characterized by geographically heterogeneous genomic origins. <i>Genome Biology</i> , 2015, 16, 173.	3.8	117
14	A chloroplast DNA mutational hotspot and gene conversion in a noncoding region near <i>rbcl</i> in the grass family (Poaceae). <i>Current Genetics</i> , 1993, 24, 357-365.	0.8	112
15	THE INFLUENCE OF FLOWER COLOR ON OUTCROSSING RATE AND MALE REPRODUCTIVE SUCCESS IN <i>IPOMOEA PURPUREA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 1242-1249.	1.1	108
16	Evolutionary Analysis of the Large Subunit of Carboxylase (<i>rbcl</i>) Nucleotide Sequence Among the Grasses (Gramineae). <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 1097.	1.1	104
17	CHLOROPLAST DNA VARIATION IN PEARL MILLET AND RELATED SPECIES. <i>Genetics</i> , 1984, 106, 449-461.	1.2	98
18	Tracing floral adaptations from ecology to molecules. <i>Nature Reviews Genetics</i> , 2003, 4, 206-215.	7.7	95

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19	Distinct geographic patterns of genetic diversity are maintained in wild barley (<i>Hordeum vulgare</i> ssp.) Tj ETQq1 1 0.784314 rgBT /Ove of America, 2003, 100, 10812-10817.	3.3	94
20	FREQUENCY-DEPENDENT VARIATION FOR OUTCROSSING RATE AMONG FLOWER-COLOR MORPHS OF <i>IPOMOEA PURPUREA</i>. Evolution; International Journal of Organic Evolution, 1987, 41, 1302-1311.	1.1	93
21	MULTIGENIC RESPONSE TO ETHANOL IN <i>DROSOPHILA MELANOGASTER</i>. Evolution; International Journal of Organic Evolution, 1981, 35, 1-10.	1.1	87
22	Avocado cellulase: nucleotide sequence of a putative full-length cDNA clone and evidence for a small gene family. Plant Molecular Biology, 1987, 9, 197-203.	2.0	77
23	First-pollination primacy and pollen selection in the morning glory, <i>Ipomoea purpurea</i> . Heredity, 1987, 58, 5-14.	1.2	73
24	Chloroplast DNA and the Study of Plant Phylogeny: Present Status and Future Prospects. , 1992, , 1-13.		73
25	The Influence of Specific Neighboring Bases on Substitution Bias in Noncoding Regions of the Plant Chloroplast Genome. Journal of Molecular Evolution, 1997, 45, 227-231.	0.8	68
26	Evolutionary Relationships of the Caryophyllidae Based on Comparative <i>rbcl</i> Sequences. Systematic Botany, 1992, 17, 1.	0.2	60
27	Estimating the Contribution of Mutation, Recombination and Gene Conversion in the Generation of Haplotypic Diversity. Genetics, 2006, 173, 1705-1723.	1.2	44
28	Nucleotide Diversity and Linkage Disequilibrium in Wild Avocado (<i>Persea americana</i> Mill.). Journal of Heredity, 2008, 99, 382-389.	1.0	44
29	Resequencing Data Indicate a Modest Effect of Domestication on Diversity in Barley: A Cultigen With Multiple Origins. Journal of Heredity, 2014, 105, 253-264.	1.0	42
30	The Influence of Linkage and Inbreeding on Patterns of Nucleotide Sequence Diversity at Duplicate Alcohol Dehydrogenase Loci in Wild Barley (<i>Hordeum vulgare</i> ssp. <i>spontaneum</i>). Genetics, 2002, 162, 2007-2015.	1.2	41
31	Influence of Flower Color Polymorphism on Genetic Transmission in a Natural Population of the Common Morning Glory, <i>Ipomoea purpurea</i> . Evolution; International Journal of Organic Evolution, 1984, 38, 796.	1.1	38
32	Two Genomic Regions Contribute Disproportionately to Geographic Differentiation in Wild Barley. G3: Genes, Genomes, Genetics, 2014, 4, 1193-1203.	0.8	38
33	Phylogenetic Relationships of the Bromeliiflorae- Commeliniflorae Zingiberiflorae Complex of Monocots Based on <i>rbcl</i> Sequence Comparisons. Annals of the Missouri Botanical Garden, 1993, 80, 987.	1.3	34
34	DYNAMICS OF THE LINKAGE DISEQUILIBRIUM FUNCTION UNDER MODELS OF GENE-FREQUENCY HITCHHIKING. Genetics, 1981, 99, 337-356.	1.2	33
35	MONTE CARLO STUDIES OF PLANT MATING SYSTEM ESTIMATION MODELS: THE ONE-POLLEN PARENT AND MIXED MATING MODELS. Genetics, 1986, 112, 927-945.	1.2	30
36	Genetic Diversity in the Common Morning Glory. Plant Species Biology, 1996, 11, 41-50.	0.6	15

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37	Hordeum. , 2011, , 309-319.		12
38	Tracing the Geographic Origins of Weedy Ipomoea purpurea in the Southeastern United States. Journal of Heredity, 2013, 104, 666-677.	1.0	12
39	Exploring genetic variation, oil and $\hat{\alpha}$ -tocopherol content in avocado (<i>Persea americana</i>) from northwestern Mexico. Genetic Resources and Crop Evolution, 2017, 64, 443-449.	0.8	12
40	Natural selection of flower color polymorphisms in morning glory populations. , 1988, , 255-273.		12
41	PROCESSES OF CHLOROPLAST DNA EVOLUTION11Supported in part by National Science Foundation Grant BRS-8500206.. , 1986, , 275-294.		12
42	Rates of decay of linkage disequilibrium under two-locus models of selection. Journal of Mathematical Biology, 1982, 14, 37-70.	0.8	11
43	Error detection in SNP data by considering the likelihood of recombinational history implied by three-site combinations. Bioinformatics, 2007, 23, 1807-1814.	1.8	11
44	Inferring plant evolutionary history from molecular data. New Zealand Journal of Botany, 1993, 31, 307-315.	0.8	10
45	Detection and Measurement of Natural Selection. Developments in Plant Genetics and Breeding, 1983, 1, 241-255.	0.6	7
46	Allele-specific PCR can improve the efficiency of experimental resolution of heterozygotes in resequencing studies. Molecular Ecology Resources, 2010, 10, 647-658.	2.2	4
47	Nucleotide Sequence Diversity of Floral Pigment Genes in Mexican Populations of <i>Ipomoea purpurea</i> (Morning Glory) Accord with a Neutral Model of Evolution. Journal of Heredity, 2012, 103, 863-872.	1.0	4
48	MOLECULAR EVOLUTION: THE COMING OF AGE. Evolution; International Journal of Organic Evolution, 1984, 38, 459-461.	1.1	2
49	Mutational Processes. , 2004, , 760-762.		2
50	An Emergent Field: <i>Fundamentals of Molecular Evolution</i> . Wen-Hsiung Li and Dan Graur. Sinauer, Sunderland, MA, 1991. xviii, 284 pp., illus. Paper, \$22.95.. Science, 1991, 252, 864-865.	6.0	0
51	An Emergent Field: <i>Fundamentals of Molecular Evolution</i> . Wen-Hsiung Li and Dan Graur. Sinauer, Sunderland, MA, 1991. xviii, 284 pp., illus. Paper, \$22.95.. Science, 1991, 252, 864-865.	6.0	0