

Matthew A Gitzendanner

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

8,327
citations

145106

33
h-index

111975

67
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71
all docs

71
docs citations

71
times ranked

9619
citing authors

#	ARTICLE	IF	CITATIONS
1	Transforming RDM Conversations Into Collaborations. <i>Advances in Library and Information Science</i> , 2022, , 262-289.	0.2	0
2	<i>Tragopogon dubius</i> : Multiple introductions to North America and the formation of the New World tetraploids. <i>Taxon</i> , 2022, 71, 1287-1298.	0.4	5
3	Green giantâ€™a tiny chloroplast genome with mighty power to produce highâ€™value proteins: history and phylogeny. <i>Plant Biotechnology Journal</i> , 2021, 19, 430-447.	4.1	86
4	A new, simple, highly scalable, and efficient protocol for genomic DNA extraction from diverse plant taxa. <i>Applications in Plant Sciences</i> , 2021, 9, e11413.	0.8	12
5	Plastid phylogenomic insights into relationships of all flowering plant families. <i>BMC Biology</i> , 2021, 19, 232.	1.7	109
6	Genetic insights into the evolution of genera with the eastern Asiaâ€™eastern North America floristic disjunction: a transcriptomics analysis. <i>American Journal of Botany</i> , 2020, 107, 1736-1748.	0.8	6
7	Nuclear phylogenomic analyses of asterids conflict with plastome trees and support novel relationships among major lineages. <i>American Journal of Botany</i> , 2020, 107, 790-805.	0.8	75
8	Estimating rates and patterns of diversification with incomplete sampling: a case study in the rosids. <i>American Journal of Botany</i> , 2020, 107, 895-909.	0.8	17
9	Genetic relationships and polyploid origins in the <i>Lippia alba</i> complex. <i>American Journal of Botany</i> , 2020, 107, 466-476.	0.8	10
10	Investigating the gene expression profiles of rehabilitated Florida manatees (<i>Trichechus manatus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	3
11	Recent accelerated diversification in rosids occurred outside the tropics. <i>Nature Communications</i> , 2020, 11, 3333.	5.8	43
12	Access to RNA-sequencing data from 1,173 plant species: The 1000 Plant transcriptomes initiative (1KP). <i>GigaScience</i> , 2019, 8, .	3.3	118
13	Origin of angiosperms and the puzzle of the Jurassic gap. <i>Nature Plants</i> , 2019, 5, 461-470.	4.7	467
14	Population genetics, speciation, and hybridization in <i>Dicerandra</i> (Lamiaceae), a North American Coastal Plain endemic, and implications for conservation. <i>Conservation Genetics</i> , 2019, 20, 531-543.	0.8	6
15	One thousand plant transcriptomes and the phylogenomics of green plants. <i>Nature</i> , 2019, 574, 679-685.	13.7	1,162
16	Genome-wide association analysis of common genetic variants of resistant hypertension. <i>Pharmacogenomics Journal</i> , 2019, 19, 295-304.	0.9	16
17	Linking genome signatures of selection and adaptation in non-model plants: exploring potential and limitations in the angiosperm <i>Amborella</i> . <i>Current Opinion in Plant Biology</i> , 2018, 42, 81-89.	3.5	4
18	Plastid phylogenomic analysis of green plants: A billion years of evolutionary history. <i>American Journal of Botany</i> , 2018, 105, 291-301.	0.8	220

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19	Methods for exploring the plant tree of life. <i>Applications in Plant Sciences</i> , 2018, 6, e1039.	0.8	1
20	Plastome Phylogenetics: 30 Years of Inferences Into Plant Evolution. <i>Advances in Botanical Research</i> , 2018, , 293-313.	0.5	64
21	Evolutionary insights from comparative transcriptome and transcriptome-wide coalescence analyses in <i>Tetrastigma hemsleyanum</i> . <i>BMC Plant Biology</i> , 2018, 18, 208.	1.6	11
22	Deep reticulation and incomplete lineage sorting obscure the diploid phylogeny of rain-lilies and allies (<i>Amaryllidaceae</i> tribe <i>Hippeastreae</i>). <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 231-247.	1.2	88
23	The report of my death was an exaggeration: A review for researchers using microsatellites in the 21st century. <i>Applications in Plant Sciences</i> , 2016, 4, 1600025.	0.8	155
24	Are microsatellite fragment lengths useful for population-level studies? The case of <i>Polygala lewtonii</i> (<i>Polygalaceae</i>). <i>Applications in Plant Sciences</i> , 2016, 4, 1500115.	0.8	13
25	A new resource for the development of SSR markers: Millions of loci from a thousand plant transcriptomes. <i>Applications in Plant Sciences</i> , 2016, 4, 1600024.	0.8	29
26	Microsatellite and chloroplast DNA diversity of the invasive aquatic weed <i>Hygrophila polysperma</i> in native and invasive ranges. <i>Aquatic Botany</i> , 2016, 129, 55-61.	0.8	10
27	Modified CTAB and TRIzol protocols improve RNA extraction from chemically complex Embryophyta. <i>Applications in Plant Sciences</i> , 2015, 3, 1400105.	0.8	84
28	Population genetic variation, geographic structure, and multiple origins of autopolyploidy in <i>Galax urceolata</i> . <i>American Journal of Botany</i> , 2015, 102, 973-982.	0.8	46
29	An Exploration into Fern Genome Space. <i>Genome Biology and Evolution</i> , 2015, 7, 2533-2544.	1.1	85
30	Phylogeny, divergence times, and historical biogeography of the angiosperm family <i>Saxifragaceae</i> . <i>Molecular Phylogenetics and Evolution</i> , 2015, 83, 86-98.	1.2	68
31	The Phenotypic and Genetic Underpinnings of Flower Size in <i>Polemoniaceae</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 1144.	1.7	21
32	Data access for the 1,000 Plants (1KP) project. <i>GigaScience</i> , 2014, 3, 17.	3.3	582
33	From algae to angiosperms—inferring the phylogeny of green plants (<i>Viridiplantae</i>) from 360 plastid genomes. <i>BMC Evolutionary Biology</i> , 2014, 14, 23.	3.2	468
34	Phylotranscriptomic analysis of the origin and early diversification of land plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4859-68.	3.3	1,123
35	Population genetic structure, genetic diversity, and natural history of the South American species of <i>Nothofagus</i> subgenus <i>Lophozonia</i> (<i>Nothofagaceae</i>) inferred from nuclear microsatellite data. <i>Ecology and Evolution</i> , 2014, 4, 2450-2471.	0.8	21
36	Using Comparative Biogeography to Retrace the Origins of an Ecosystem: The Case of Four Plants Endemic to the Central Florida Scrub. <i>International Journal of Plant Sciences</i> , 2014, 175, 418-431.	0.6	16

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37	Another Look at the Root of the Angiosperms Reveals a Familiar Tale. <i>Systematic Biology</i> , 2014, 63, 368-382.	2.7	68
38	Are polyploids really evolutionary dead ends (again)? A critical reappraisal of Mayrose <i>et al.</i> (2011). <i>New Phytologist</i> , 2014, 202, 1105-1117.	3.5	151
39	Angiosperm Phylogeny Based on 18S/26S rDNA Sequence Data: Constructing a Large Data Set Using Next-Generation Sequence Data. <i>International Journal of Plant Sciences</i> , 2014, 175, 613-650.	0.6	24
40	A targeted enrichment strategy for massively parallel sequencing of angiosperm plastid genomes. <i>Applications in Plant Sciences</i> , 2013, 1, 1200497.	0.8	99
41	The potential of genomics in plant systematics. <i>Taxon</i> , 2013, 62, 886-898.	0.4	67
42	Microsatellite markers developed for <i>Utricularia reniformis</i> (Lentibulariaceae). <i>American Journal of Botany</i> , 2012, 99, e375-8.	0.8	7
43	Making next-generation sequencing work for you: approaches and practical considerations for marker development and phylogenetics. <i>Plant Ecology and Diversity</i> , 2012, 5, 427-450.	1.0	32
44	Molecular phylogeny of <i>Tragopogon</i> L. (Asteraceae) based on seven nuclear loci (<i>Adh</i> , <i>GapC</i> , <i>Tj</i> , <i>ETQq000rgBT</i> , <i>Overlock10T</i> , <i>15</i>)	0.1	15
45	Phylogenetic placement of the enigmatic and critically endangered genus <i>Saniculiphyllum</i> (Saxifragaceae) inferred from combined analysis of plastid and nuclear DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 357-367.	1.2	32
46	Isolation and characterization of 14 novel polymorphic loci for the Florida mouse (<i>Peromyscus</i>) <i>Tj</i> , <i>ETQq000rgBT</i> , <i>Overlock10T</i> , <i>15</i> , <i>50</i> , <i>382T</i>	0.4	15
47	Additional origins of Ownbey's <i>Tragopogon mirus</i> . <i>Botanical Journal of the Linnean Society</i> , 2012, 169, 297-311.	0.8	18
48	Microsatellite evidence for high clonality and limited genetic diversity in <i>Ziziphus celata</i> (Rhamnaceae), an endangered, self-incompatible shrub endemic to the Lake Wales Ridge, Florida, USA. <i>Conservation Genetics</i> , 2012, 13, 223-234.	0.8	44
49	Angiosperm phylogeny: 17 genes, 640 taxa. <i>American Journal of Botany</i> , 2011, 98, 704-730.	0.8	590
50	Phylogenetic Analysis of the Plastid Inverted Repeat for 244 Species: Insights into Deeper-Level Angiosperm Relationships from a Long, Slowly Evolving Sequence Region. <i>International Journal of Plant Sciences</i> , 2011, 172, 541-558.	0.6	80
51	Microsatellite marker development for the federally listed <i>Prunus geniculata</i> (Rosaceae) 1. <i>American Journal of Botany</i> , 2011, 98, e58-e60.	0.8	4
52	Isolation and characterization of novel microsatellite markers for <i>Arctium minus</i> (Compositae). <i>American Journal of Botany</i> , 2010, 97, e4-6.	0.8	7
53	Conservation and canalization of gene expression during angiosperm diversification accompany the origin and evolution of the flower. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22570-22575.	3.3	68
54	Resolving an Ancient, Rapid Radiation in Saxifragales. <i>Systematic Biology</i> , 2008, 57, 38-57.	2.7	145

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55	Molecular phylogeny, biogeography, and systematics of <i>Dicerandra</i> (Lamiaceae), a genus endemic to the southeastern United States. <i>American Journal of Botany</i> , 2007, 94, 1017-1027.	0.8	23
56	Polyphyly of <i>Tragopogon porrifolius</i> L. (Asteraceae), a European Native with Intercontinental Disjuncts. <i>International Journal of Plant Sciences</i> , 2007, 168, 889-904.	0.6	20
57	The Utility of Amplified Fragment Length Polymorphisms in Phylogenetics: A Comparison of Homology within and between Genomes. <i>Systematic Biology</i> , 2007, 56, 477-484.	2.7	98
58	A Taxon Data Set for Angiosperms: The Challenges Posed by Bayesian Analyses of Large Data Sets. <i>International Journal of Plant Sciences</i> , 2007, 168, 137-157.	0.6	143
59	Phylogeny of <i>Tragopogon</i> L. (Asteraceae) Based on Internal and External Transcribed Spacer Sequence Data. <i>International Journal of Plant Sciences</i> , 2005, 166, 117-133.	0.6	41
60	Microevolutionary Processes Inferred from AFLP and Morphological Variation in <i>Heliconia bihai</i> (Heliconiaceae). <i>International Journal of Plant Sciences</i> , 2005, 166, 781-794.	0.6	12
61	Phylogenetic relationships in subtribe Scorzonerinae (Asteraceae: Cichorioideae: Cichorieae) based on ITS sequence data. <i>Taxon</i> , 2004, 53, 699-712.	0.4	44
62	GENETIC VARIATION IN RARE AND WIDESPREAD LOMATIUM SPECIES (APIACEAE): A COMPARISON OF AFLP AND SSCP DATA. <i>Edinburgh Journal of Botany</i> , 2001, 58, 347-356.	0.4	3
63	Patterns of genetic variation in rare and widespread plant congeners. <i>American Journal of Botany</i> , 2000, 87, 783-792.	0.8	581
64	Molecular Systematics and the Conservation of Rare Species. <i>Conservation Biology</i> , 1999, 13, 471-483.	2.4	135
65	Genetics of <i>Cronartium ribicola</i> . IV. Population structure in western North America. <i>Canadian Journal of Botany</i> , 1998, 76, 91-98.	1.2	7
66	Genetics of <i>Cronartium ribicola</i> . IV. Population structure in western North America. <i>Canadian Journal of Botany</i> , 1998, 76, 91-98.	1.2	19
67	Chloroplast DNA intraspecific phylogeography of plants from the Pacific Northwest of North America. <i>Plant Systematics and Evolution</i> , 1997, 206, 353-373.	0.3	476
68	Genetics of <i>Cronartium ribicola</i> . III. Mating System. <i>Canadian Journal of Botany</i> , 1996, 74, 1852-1859.	1.2	23