Elizabeth Anne Kellogg

List of Publications by Year
in descending order

194 papers	16,356 citations	13827 67 h-index	18075 120 g-index
224 all docs	224 docs citations	224 times ranked	13214 citing authors

#	Article	IF	Citations
1	The Origins of C ₄ Grasslands: Integrating Evolutionary and Ecosystem Science. Science, 2010, 328, 587-591.	6.0	899
2	Reference genome sequence of the model plant Setaria. Nature Biotechnology, 2012, 30, 555-561.	9.4	864
3	Testing for Phylogenetic Conflict Among Molecular Data Sets in the Tribe Triticeae (Gramineae). Systematic Biology, 1996, 45, 524-545.	2.7	752
4	Evolutionary History of the Grasses. Plant Physiology, 2001, 125, 1198-1205.	2.3	659
5	Phylogeny and Subfamilial Classification of the Grasses (Poaceae). Annals of the Missouri Botanical Garden, 2001, 88, 373.	1.3	630
6	Systematics and phylogeny of the Brassicaceae (Cruciferae): an overview. Plant Systematics and Evolution, 2006, 259, 89-120.	0.3	538
7	New grass phylogeny resolves deep evolutionary relationships and discovers C₄ origins. New Phytologist, 2012, 193, 304-312.	3.5	433
8	Brassicaceae phylogeny and trichome evolution. American Journal of Botany, 2006, 93, 607-619.	0.8	351
9	Foxtail Millet: A Sequence-Driven Grass Model System. Plant Physiology, 2009, 149, 137-141.	2.3	337
10	<i>Setaria viridis</i>: A Model for C4 Photosynthesis Â. Plant Cell, 2010, 22, 2537-2544.	3.1	320
11	The age of the grasses and clusters of origins of C₄ photosynthesis. Global Change Biology, 2008, 14, 2963-2977.	4.2	282
12	The Control of Spikelet Meristem Identity by the branched silkless1 Gene in Maize. Science, 2002, 298, 1238-1241.	6.0	270
13	A molecular phylogeny of the grass subfamily Panicoideae (Poaceae) shows multiple origins of C4 photosynthesis. American Journal of Botany, 2001, 88, 1993-2012.	0.8	263
14	Relationships of cereal crops and other grasses. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 2005-2010.	3.3	205
15	SEPALLATA gene diversification: brave new whorls. Trends in Plant Science, 2005, 10, 427-435.	4.3	201
16	When Genes Tell Different Stories: The Diploid Genera of Triticeae (Gramineae). Systematic Botany, 1996, 21, 321.	0.2	200
17	Phylogeny of Poaceae Subfamily Pooideae Based on ChloroplastndhF Gene Sequences. Molecular Phylogenetics and Evolution, 1997, 8, 150-166.	1.2	193
18	Brassicaceae phylogeny inferred from phytochrome A and <i>ndhF</i> sequence data: tribes and trichomes revisited. American Journal of Botany, 2008, 95, 1307-1327.	0.8	193

#	Article	IF	Citations
19	A molecular phylogeny of <i>Panicum</i> (Poaceae: Paniceae): tests of monophyly and phylogenetic placement within the Panicoideae. American Journal of Botany, 2003, 90, 796-821.	0.8	185
20	Fast Cleavage Kinetics of a Natural Hammerhead Ribozyme. Journal of the American Chemical Society, 2004, 126, 10848-10849.	6.6	181
21	Allopolyploidy, diversification, and the Miocene grassland expansion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15149-15154.	3.3	177
22	barren inflorescence2 Encodes a Co-Ortholog of the PINOID Serine/Threonine Kinase and Is Required for Organogenesis during Inflorescence and Vegetative Development in Maize. Plant Physiology, 2007, 144, 1000-1011.	2.3	170
23	Liposome-Anchored Vascular Endothelial Growth Factor AptamersÂ§. Bioconjugate Chemistry, 1998, 9, 573-582.	1.8	166
24	Primaclade--a flexible tool to find conserved PCR primers across multiple species. Bioinformatics, 2005, 21, 1263-1264.	1.8	158
25	Genetic control of branching in foxtail millet. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9045-9050.	3.3	148
26	Inflorescence diversification in the panicoid â€œbristle grassâ€• clade (Paniceae, Poaceae): evidence from molecular phylogenies and developmental morphology. American Journal of Botany, 2002, 89, 1203-1222.	0.8	146
27	Flowering Plants. Monocots. , 2015, , .		144
28	Reconstructing the Evolutionary History of Paralogous APETALA1/FRUITFULL-Like Genes in Grasses (Poaceae). Genetics, 2006, 174, 421-437.	1.2	137
29	Conservation of B class gene expression in the second whorl of a basal grass and outgroups links the origin of lodicules and petals. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1081-1086.	3.3	137
30	Heterogeneous Expression Patterns and Separate Roles of the SEPALLATA Gene LEAFY HULL STERILE1 in Grasses[W]. Plant Cell, 2004, 16, 1692-1706.	3.1	135
31	The Plant Ontology Database: a community resource for plant structure and developmental stages controlled vocabulary and annotations. Nucleic Acids Research, 2008, 36, D449-D454.	6.5	135
32	The structure and function of RuBisCO and their Implications for Systematic Studies. American Journal of Botany, 1997, 84, 413-428.	0.8	134
33	Phylogenetic structure in the grass family (Poaceae): evidence from the nuclear gene phytochrome B. American Journal of Botany, 2000, 87, 96-107.	0.8	130
34	The evolution of nuclear genome structure in seed plants. American Journal of Botany, 2004, 91, 1709-1725.	0.8	129
35	Plant Ontology (PO): a Controlled Vocabulary of Plant Structures and Growth Stages. Comparative and Functional Genomics, 2005, 6, 388-397.	2.0	129
36	The Grasses: A Case Study in Macroevolution. Annual Review of Ecology, Evolution, and Systematics, 2000, 31, 217-238.	6.7	128

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37	A global database of <scp>C</scp>₄ photosynthesis in grasses. New Phytologist, 2014, 204, 441-446.	3.5	123
38	Adaptive Evolution of C4 Photosynthesis through Recurrent Lateral Gene Transfer. Current Biology, 2012, 22, 445-449.	1.8	121
39	Effects of Oxygen Concentration on the Expression of Cytochrome c and Cytochrome c Oxidase Genes in Yeast. Journal of Biological Chemistry, 1997, 272, 14705-14712.	1.6	119
40	Do Plants Have a One-Way Ticket to Genomic Obesity?. Plant Cell, 1997, 9, 1509.	3.1	115
41	Early inflorescence development in the grasses (Poaceae). Frontiers in Plant Science, 2013, 4, 250.	1.7	113
42	Phylogeny of the Paniceae (Poaceae: Panicoideae): integrating plastid DNA sequences and morphology into a new classification. Cladistics, 2012, 28, 333-356.	1.5	110
43	Recent Origin and Phylogenetic Utility of Divergent ITS Putative Pseudogenes: A Case Study from Naucleeae (Rubiaceae). Systematic Biology, 2004, 53, 177-192.	2.7	106
44	Did homeodomain proteins duplicate before the origin of angiosperms, fungi, and metazoa?. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 13749-13753.	3.3	105
45	A genome resource for green millet Setaria viridis enables discovery of agronomically valuable loci. Nature Biotechnology, 2020, 38, 1203-1210.	9.4	103
46	Reinstatement and Emendation of Subfamily Micrairoideae (Poaceae). Systematic Botany, 2007, 32, 71-80.	0.2	101
47	Comprehensive identification and clustering of CLV3/ESRâ€related (CLE) genes in plants finds groups withÂpotentially shared function. New Phytologist, 2017, 216, 605-616.	3.5	101
48	Phylogenetic studies of a large data set. I. Bambusoideae, Andropogonodae, and Pooideae (Gramineae). Botanical Review, The, 1993, 59, 273-343.	1.7	99
49	TCP transcription factor, BRANCH ANGLE DEFECTIVE 1 (BAD1), is required for normal tassel branch angle formation in maize. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12225-12230.	3.3	96
50	Floral displays: genetic control of grass inflorescences. Current Opinion in Plant Biology, 2007, 10, 26-31.	3.5	93
51	The Granule-Bound Starch Synthase (GBSSI) Gene in the Rosaceae: Multiple Loci and Phylogenetic Utility. Molecular Phylogenetics and Evolution, 2000, 17, 388-400.	1.2	92
52	Evolution of reproductive structures in grasses (Poaceae) inferred by sisterâ€group comparison with their putative closest living relatives, Ecdeiocoleaceae. American Journal of Botany, 2005, 92, 1432-1443.	0.8	92
53	Parallelism and diversity in multiple origins of c 4 photosynthesis in the grass family. American Journal of Botany, 1996, 83, 1458-1470.	0.8	91
54	The Plant Structure Ontology, a Unified Vocabulary of Anatomy and Morphology of a Flowering Plant. Plant Physiology, 2007, 143, 587-599.	2.3	91

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55	Phylogeny of Andropogoneae Inferred from Phytochrome B, GBSSI, and ndhF. International Journal of Plant Sciences, 2002, 163, 441-450.	0.6	86
56	Discrete Developmental Roles for Temperate Cereal Grass VERNALIZATION1/FRUITFULL-Like Genes in Flowering Competency and the Transition to Flowering. Plant Physiology, 2008, 146, 265-276.	2.3	86
57	Phylogenetic Aspects of the Evolution of C4 Photosynthesis. , 1999, , 411-444.		84
58	Phylogenetic studies favour the unification of Pennisetum, Cenchrus and Odontelytrum (Poaceae): a combined nuclear, plastid and morphological analysis, and nomenclatural combinations in Cenchrus. Annals of Botany, 2010, 106, 107-130.	1.4	84
59	BARREN STALK FASTIGIATE1 Is an AT-Hook Protein Required for the Formation of Maize Ears Â. Plant Cell, 2011, 23, 1756-1771.	3.1	84
60	The Genetic Basis for Inflorescence Variation Between Foxtail and Green Millet (Poaceae). Genetics, 2005, 169, 1659-1672.	1.2	80
61	Has the connection between polyploidy and diversification actually been tested?. Current Opinion in Plant Biology, 2016, 30, 25-32.	3.5	80
62	Integrating Phylogeny into Studies of C4 Variation in the Grasses. Plant Physiology, 2009, 149, 82-87.	2.3	79
63	<i>Brachypodium distachyon</i>as a Genetic Model System. Annual Review of Genetics, 2015, 49, 1-20.	3.2	79
64	Taking the First Steps towards a Standard for Reporting on Phylogenies: Minimum Information about a Phylogenetic Analysis (MIAPA). OMICS A Journal of Integrative Biology, 2006, 10, 231-237.	1.0	76
65	Andropogoneae Evolution and Generic Limits in Sorghum (Poaceae) Using ndhF Sequences. Systematic Botany, 1999, 24, 267.	0.2	75
66	Conservation and divergence of <i>APETALA1/FRUITFULL</i>â€like gene function in grasses: evidence from gene expression analyses. Plant Journal, 2007, 52, 69-81.	2.8	75
67	Developmental Gene Evolution and the Origin of Grass Inflorescence Diversity. Advances in Botanical Research, 2006, , 425-481.	0.5	74
68	Evolution of<i>AGL6-like</i>MADS Box Genes in Grasses (Poaceae): Ovule Expression Is Ancient and Palea Expression Is New Â. Plant Cell, 2009, 21, 2591-2605.	3.1	74
69	COMMENTS ON GENOMIC GENERA IN THE TRITICEAE (POACEAE). American Journal of Botany, 1989, 76, 796-805.	0.8	73
70	The Evolutionary History of Ehrhartoideae, Oryzeae, and Oryza. Rice, 2009, 2, 1-14.	1.7	72
71	Floral development and the formation of unisexual spikelets in the Andropogoneae (Poaceae). American Journal of Botany, 1999, 86, 354-366.	0.8	70
72	Molecular phylogeny of the moonseed family (Menispermaceae): implications for morphological diversification. American Journal of Botany, 2007, 94, 1425-1438.	0.8	70

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73	Population genetics of <i>SetariaÂviridis</i>, a new model system. Molecular Ecology, 2014, 23, 4912-4925.	2.0	65
74	Sparse panicle1 is required for inflorescence development in Setaria viridis and maize. Nature Plants, 2017, 3, 17054.	4.7	63
75	Five Nuclear Loci Resolve the Polyploid History of Switchgrass (Panicum virgatum L.) and Relatives. PLoS ONE, 2012, 7, e38702.	1.1	61
76	Cross species selection scans identify components of C ₄ photosynthesis in the grasses. Journal of Experimental Botany, 2017, 68, 127-135.	2.4	61
77	A worldwide phylogenetic classification of the Poaceae (Gramineae) III: An update. Journal of Systematics and Evolution, 2022, 60, 476-521.	1.6	61
78	Whole-Plant Growth Stage Ontology for Angiosperms and Its Application in Plant Biology. Plant Physiology, 2006, 142, 414-428.	2.3	56
79	Duplication and expression of <i>CYC2</i>â€like genes in the origin and maintenance of corolla zygomorphy in Lamiales. New Phytologist, 2015, 205, 852-868.	3.5	56
80	MADSâ€box gene expression and implications for developmental origins of the grass spikelet. American Journal of Botany, 2009, 96, 1419-1429.	0.8	53
81	What happens to genes in duplicated genomes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4369-4371.	3.3	51
82	Effect of genotype and environment on branching in weedy green millet (Setaria viridis) and domesticated foxtail millet (Setaria italica) (Poaceae). Molecular Ecology, 2005, 15, 1335-1349.	2.0	51
83	C4 photosynthesis. Current Biology, 2013, 23, R594-R599.	1.8	49
84	Evolution of unisexual flowers in grasses (Poaceae) and the putative sexâ€determination gene, TASSELSEED2 (TS2). New Phytologist, 2006, 170, 885-899.	3.5	48
85	The draft genome of the C3 panicoid grass species Dichanthelium oligosanthes. Genome Biology, 2016, 17, 223.	3.8	48
86	Verdant: automated annotation, alignment and phylogenetic analysis of whole chloroplast genomes. Bioinformatics, 2017, 33, 130-132.	1.8	48
87	Evolution of developmental traits. Current Opinion in Plant Biology, 2004, 7, 92-98.	3.5	47
88	A Phylogeny ofSetaria(Poaceae, Panicoideae, Paniceae) and Related Genera Based on the Chloroplast GenendhF. International Journal of Plant Sciences, 2009, 170, 117-131.	0.6	47
89	The Genomes of the Allohexaploid Echinochloa crus-galli and Its Progenitors Provide Insights into Polyploidization-Driven Adaptation. Molecular Plant, 2020, 13, 1298-1310.	3.9	47
90	Characteristics of an RNA Dielsâˆ’Alderase Active Site. Journal of the American Chemical Society, 1999, 121, 3614-3617.	6.6	46

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91	Phylogenetic analysis of <i>Saccharum s.l</i>. (Poaceae; Andropogoneae), with emphasis on the circumscription of the South American species. American Journal of Botany, 2015, 102, 248-263.	0.8	46
92	GÎ± and regulator of Gâ€protein signaling (RGS) protein pairs maintain functional compatibility and conserved interaction interfaces throughout evolution despite frequent loss of RGS proteins in plants. New Phytologist, 2017, 216, 562-575.	3.5	46
93	A Recommendation for Naming Transcription Factor Proteins in the Grasses. Plant Physiology, 2009, 149, 4-6.	2.3	45
94	Highâ€throughput phenotyping. American Journal of Botany, 2017, 104, 505-508.	0.8	44
95	A Naked Grass in the â€œBristle Cladeâ€ A Phylogenetic and Developmental Study of Panicum Section Bulbosa (Paniceae: Poaceae). International Journal of Plant Sciences, 2005, 166, 371-381.	0.6	42
96	Comprehensive 3D phenotyping reveals continuous morphological variation across genetically diverse sorghum inflorescences. New Phytologist, 2020, 226, 1873-1885.	3.5	41
97	Parallelism and diversity in multiple origins of c4 photosynthesis in the grass family. , 1996, 83, 1458.		40
98	Genetic Evidence and the Origin of Maize. Latin American Antiquity, 2001, 12, 84-86.	0.3	39
99	Congruence, Conflict, and Polyploidization Shown by Nuclear and Chloroplast Markers in the Monophyletic "Bristle Clade" (Paniceae, Panicoideae, Poaceae). Systematic Botany, 2007, 32, 531-544.	0.2	39
100	Checklist of the grasses of India. PhytoKeys, 0, 163, 1-560.	0.4	39
101	Divergent gene expression networks underlie morphological diversity of abscission zones in grasses. New Phytologist, 2020, 225, 1799-1815.	3.5	38
102	COMMENTS ON GENOMIC GENERA IN THE TRITICEAE (POACEAE). , 1989, 76, 796.		37
103	Grasses through space and time: An overview of the biogeographical and macroevolutionary history of Poaceae. Journal of Systematics and Evolution, 2022, 60, 522-569.	1.6	35
104	The role of <i>teosinte glume architecture</i> (<i>tga1</i>) in coordinated regulation and evolution of grass glumes and inflorescence axes. New Phytologist, 2012, 193, 204-215.	3.5	34
105	A preliminary molecular phylogeny of <i>Pennisetum</i> and <i>Cenchrus</i> (Poaceaeâ€Paniceae) based on the <i>trnLâ€F</i>, <i>rpl16</i> chloroplast markers. Taxon, 2009, 58, 392-404.	0.4	33
106	Variation and Species Limits in Agamospermous Grasses. Systematic Botany, 1990, 15, 112.	0.2	32
107	Phylogenomics of Andropogoneae (Panicoideae: Poaceae) of Mainland Southeast Asia. Systematic Botany, 2017, 42, 418-431.	0.2	31
108	Phylogenomics enables biogeographic analysis and a new subtribal classification of Andropogoneae (Poaceaeâ€"Panicoideae). Journal of Systematics and Evolution, 2020, 58, 1003-1030.	1.6	31

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109	Abscission zone development in Setaria viridis and its domesticated relative, Setaria italica. American Journal of Botany, 2016, 103, 998-1005.	0.8	30
110	Morphological, phylogenetic, and ecological diversity of the new model speciesSetaria viridis(Poaceae: Paniceae) and its close relatives. American Journal of Botany, 2014, 101, 539-557.	0.8	29
111	Genetic diversity and origin of North American green foxtail [Setaria viridis (L.) Beauv.] accessions. Genetic Resources and Crop Evolution, 2017, 64, 367-378.	0.8	29
112	Conserved noncoding sequences provide insights into regulatory sequence and loss of gene expression in maize. Genome Research, 2021, 31, 1245-1257.	2.4	29
113	Continued Adaptation of C4 Photosynthesis After an Initial Burst of Changes in the Andropogoneae Grasses. Systematic Biology, 2020, 69, 445-461.	2.7	27
114	Genetic Dissection of Seed Production Traits and Identification of a Majorâ€Effect Seed Retention QTL in Hybrid <i>Leymus</i> (Triticeae) Wildryes. Crop Science, 2009, 49, 29-40.	0.8	26
115	Plastome phylogenomics of sugarcane and relatives confirms the segregation of the genus <i>Tripidium</i> (Poaceae: Andropogoneae). Taxon, 2019, 68, 246-267.	0.4	26
116	The Effect of Mutation on RNA Dielsâ^'Alderases. Journal of the American Chemical Society, 2004, 126, 11843-11851.	6.6	25
117	Specimen-based analysis of morphology and the environment in ecologically dominant grasses: the power of the herbarium. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20170403.	1.8	25
118	The Puelioideae, A New Subfamily of Poaceae. Systematic Botany, 2000, 25, 181.	0.2	24
119	Stepwise evolution of corolla symmetry in <i>CYCLOIDEA2</i>â€like and <i>RADIALIS</i>â€like gene expression patterns in Lamiales. American Journal of Botany, 2015, 102, 1260-1267.	0.8	24
120	TOOLS FOR STUDYING THE CHLOROPLAST GENOME IN THE TRITICEAE (GRAMINEAE): AN ECORI MAP, A DIAGNOSTIC DELETION, AND SUPPORT FOR BROMUS AS AN OUTGROUP. American Journal of Botany, 1992, 79, 186-197.	0.8	23
121	It's all relative. Nature, 2003, 422, 383-384.	13.7	23
122	Repeated and diverse losses of corolla bilateral symmetry in the Lamiaceae. Annals of Botany, 2017, 119, 1211-1223.	1.4	23
123	<I>Zuloagaea</I>, a New Genus of Neotropical Grass Within the "Bristle Clade" (Poaceae: Paniceae). Systematic Botany, 2006, 31, 656-670.	0.2	22
124	Expanding the role of botanical gardens in the future of food. Nature Plants, 2015, 1, 15078.	4.7	22
125	Genetic control of branching patterns in grass inflorescences. Plant Cell, 2022, 34, 2518-2533.	3.1	22
126	ONTOGENETIC STUDIES OF FLORETS IN<i>POA</i>(GRAMINEAE): ALLOMETRY AND HETEROCHRONY. Evolution; International Journal of Organic Evolution, 1990, 44, 1978-1989.	1.1	21

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127	Development of Male Flowers inZizania aquatica(North American Wildâ€Rice; Gramineae). International Journal of Plant Sciences, 2000, 161, 345-351.	0.6	21
128	Progress and challenges in studies of the evolution of development. Journal of Experimental Botany, 2006, 57, 3505-3516.	2.4	21
129	Morphology and development of leaf papillae in Sematophyllaceae. Bryologist, 2010, 113, 22-33.	0.1	21
130	A Dynamic Co-expression Map of Early Inflorescence Development in Setaria viridis Provides a Resource for Gene Discovery and Comparative Genomics. Frontiers in Plant Science, 2018, 9, 1309.	1.7	19
131	Sterile Spikelets Contribute to Yield in Sorghum and Related Grasses. Plant Cell, 2020, 32, 3500-3518.	3.1	19
132	A Grass-Lined Maize Storage Pit and Early Maize Horticulture in Central Connecticut. North American Archaeologist, 1992, 12, 325-349.	0.3	18
133	The anatomy of abscission zones is diverse among grass species. American Journal of Botany, 2020, 107, 549-561.	0.8	18
134	Who's related to whom? Recent results from molecular systematic studies. Current Opinion in Plant Biology, 1998, 1, 149-158.	3.5	17
135	Multilocus phylogeny and phylogenomics of Eriochrysis P. Beauv. (Poaceaeâ€“Andropogoneae): Taxonomic implications and evidence of interspecific hybridization. Molecular Phylogenetics and Evolution, 2016, 99, 155-167.	1.2	17
136	Growth Responses of C4Grasses of Contrasting Origin to Elevated CO2. Annals of Botany, 1999, 84, 279-288.	1.4	16
137	Getting closer: vein density in C₄ leaves. New Phytologist, 2019, 221, 1260-1267.	3.5	16
138	A Plant Genome Initiative. Plant Cell, 1998, 10, 488-493.	3.1	15
139	Root hairs, trichomes and the evolution of duplicate genes. Trends in Plant Science, 2001, 6, 550-552.	4.3	15
140	Ontogenetic Studies of Florets in POA (Gramineae): Allometry and Heterochrony. Evolution; International Journal of Organic Evolution, 1990, 44, 1978.	1.1	13
141	Evidence for distinct roles of the SEPALLATA gene LEAFY HULL STERILE1 in Eleusine indica and Megathyrsus maximus (Poaceae). Evolution & Development, 2006, 8, 293-303.	1.1	13
142	Plant evolution: The dominance of maize. Current Biology, 1997, 7, R411-R413.	1.8	12
143	Phylogenetic Relationships of Saccharinae and Sorghinae. , 2013, , 3-21.		12
144	Variation and Names in the Poa secunda Complex. Journal of Range Management, 1985, 38, 516.	0.3	10

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145	Miscellaneous Mistletoe Notes, 20-36. Novon, 1996, 6, 33.	0.3	10
146	Slow but Steady: Reduction of Genome Size through Biased Mutation [with Reply]. Plant Cell, 1997, 9, 1900.	3.1	10
147	The Genomes of All Angiosperms: A Call for a Coordinated Global Census. Journal of Botany, 2011, 2011, 1-10.	1.2	10
148	Patterns of Inflorescence Development of Three Prairie Grasses (Andropogoneae, Poaceae). International Journal of Plant Sciences, 2014, 175, 963-974.	0.6	10
149	Andropogoneae versus Sacchareae (Poaceae: Panicoideae): The end of a great controversy. Taxon, 2014, 63, 643-646.	0.4	10
150	Complex evolutionary history of two ecologically significant grass genera,<i>Themeda</i>and<i>Heteropogon</i>(Poaceae: Panicoideae: Andropogoneae). Botanical Journal of the Linnean Society, 2021, 196, 437-455.	0.8	10
151	APOMIXIS IN THE POA SECUNDA COMPLEX. , 1987, 74, 1431.		10
152	Variability within and among Populations of Four Grass Species. Systematic Botany, 1986, 11, 559.	0.2	9
153	Splendor in the Grasses. Plant Physiology, 2009, 149, 1-3.	2.3	9
154	Speaking of food: Connecting basic and applied plant science. American Journal of Botany, 2014, 101, 1597-1600.	0.8	9
155	Evolutionary Dynamics of Transposable Elements Following a Shared Polyploidization Event in the Tribe Andropogoneae. G3: Genes, Genomes, Genetics, 2020, 10, 4387-4398.	0.8	9
156	TOOLS FOR STUDYING THE CHLOROPLAST GENOME IN THE TRITICEAE (GRAMINEAE): AN ECORI MAP, A DIAGNOSTIC DELETION, AND SUPPORT FOR BROMUS AS AN OUTGROUP. , 1992, 79, 186.		9
157	Restriction site variation in the chloroplast genomes of the monogenomic Triticeae. Hereditas, 1992, 116, 43-47.	0.5	8
158	Genes and QTLs Controlling Inflorescence and Stem Branch Architecture in Leymus (Poaceae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.0	8
159	The CLV3 Homolog in Setaria viridis Selectively Controls Inflorescence Meristem Size. Frontiers in Plant Science, 2021, 12, 636749.	1.7	8
160	Integrating Genetics, Phylogenetics, and Developmental Biology. , 1996, , 159-172.		8
161	Are macroevolution and microevolution qualitatively different? Evidence from Poaceae and other families. Systematics Association Special Volume, 2002, , 70-84.	0.2	8
162	The Streptochaeta Genome and the Evolution of the Grasses. Frontiers in Plant Science, 2021, 12, 710383.	1.7	8

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163	Eleven diverse nuclearâ€encoded phylogenetic markers for the subfamily Panicoideae (Poaceae). American Journal of Botany, 2012, 99, e443-6.	0.8	7
164	Nomenclatural notes on Miconia (Melastomataceae). Journal of the Arnold Arboretum, 1986, 67, 233-255.	0.3	7
165	Pleiotropic and nonredundant effects of an auxin importer in <i>Setaria</i> and maize. Plant Physiology, 2022, 189, 715-734.	2.3	7
166	Robust DNA Isolation and High-throughput Sequencing Library Construction for Herbarium Specimens. Journal of Visualized Experiments, 2018, , .	0.2	6
167	The West Indian Species of Phoradendron (Viscaceae). Journal of the Arnold Arboretum, 1986, 67, 65-107.	0.3	6
168	Reply.. Plant Cell, 1997, 9, 1901-1902.	3.1	5
169	Hybridization, polyploidy and clonality influence geographic patterns of diversity and salt tolerance in the model halophyte seashore paspalum (<i>Paspalum vaginatum</i>). Molecular Ecology, 2021, 30, 148-161.	2.0	5
170	The difference between simple and complex leaves. Nature Genetics, 2006, 38, 865-866.	9.4	4
171	Genome sequencing: Long reads for a short plant. Nature Plants, 2015, 1, 15169.	4.7	4
172	Description of the Family, Vegetative Morphology and Anatomy. , 2015, , 3-23.		4
173	Evolution of Setaria. Plant Genetics and Genomics: Crops and Models, 2017, , 3-27.	0.3	4
174	A New Allopolyploid Species of <i>Saccharum</i> (Poaceae â€•Andropogoneae) from South America, with Notes on its Cytogenetics. Systematic Botany, 2017, 42, 507-515.	0.2	4
175	Reproductive Systems. , 2015, , 93-101.		3
176	Clarifying the type of the polyphyletic genus Schizachyrium (Poaceae: Andropogoneae). Kew Bulletin, 2021, 76, 327-331.	0.4	3
177	Molecular Systematics of Tribe Physarieae (Brassicaceae) Based on Nuclear ITS, LUMINIDEPENDENS, and Chloroplast ndhF. Systematic Botany, 2021, 46, 611-627.	0.2	3
178	Contributions to a Flora of Anguilla and Adjacent Islets. Journal of the Arnold Arboretum, 1987, 68, 105-131.	0.3	3
179	Plant Structure Ontology (PSO)â€" A Morphological and Anatomical Ontology of Flowering Plants. , 2008, , 27-42.		2
180	V. Subfamily Bambusoideae Luerss. (1893). , 2015, , 151-198.		2

#	Article	IF	Citations
181	Different ways to be redundant. Nature Genetics, 2019, 51, 770-771.	9.4	2
182	Unusual Pollen Dimorphism in Rondeletia anguillensis (Rubiaceae). Journal of the Arnold Arboretum, 1987, 68, 133-136.	0.3	2
183	<p><strong>A new combination in the genus Tripidium (Poaceae:) Tj ETQq1 1 0.784314 rgBT /Overl	0.1	2
184	Flower Structure. , 2015, , 39-43.		1
185	Exploring Grass Morphology & Mutant Phenotypes Using Setaria viridis. American Biology Teacher, 2021, 83, 311-319.	0.1	1
186	The rachis cannot hold, plants fall apart. A commentary on: â€˜The unique disarticulation layer formed in the rachis of Aegilops longissima likely results from the spatial co-expression of Btr1 and Btr2â€™. Annals of Botany, 2021, 127, vi-vii.	1.4	1
187	<i>Heteropogon</i>â€«<i>Themeda</i> grasses evolve to occupy either tropical grassland or wetland biomes. Journal of Systematics and Evolution, 2022, 60, 653-674.	1.6	1
188	PACMAD Clade. , 2015, , 267-269.		0
189	III. Subfamily Puelioideae L.G. Clark et al. (2000). , 2015, , 139-142.		0
190	I. Subfamily Anomochlooideae Pilg. ex Potztal (1957). , 2015, , 131-133.		0
191	II. Subfamily Pharoideae L.G. Clark & Judz. (1996). , 2015, , 135-137.		0
192	Affinities. , 2015, , 121-123.		0
193	Intraspecific variation in elemental accumulation and its association with salt tolerance in<i>Paspalum vaginatum</i>. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	0
194	Plant structure and function: Evolutionary origins and underlying mechanisms. Plant Physiology, 0, , .	2.3	0