

Paul M Peterson

List of Publications by Year in descending order

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99
papers

2,948
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101
all docs

101
docs citations

101
times ranked

2397
citing authors

#	ARTICLE	IF	CITATIONS
1	A worldwide phylogenetic classification of the Poaceae (Gramineae). <i>Journal of Systematics and Evolution</i> , 2015, 53, 117-137.	3.1	431
2	A worldwide phylogenetic classification of the Poaceae (Gramineae) II: An update and a comparison of two 2015 classifications. <i>Journal of Systematics and Evolution</i> , 2017, 55, 259-290.	3.1	354
3	Earlier plant flowering in spring as a response to global warming in the Washington, DC, area. <i>Biodiversity and Conservation</i> , 2001, 10, 597-612.	2.6	236
4	A classification of the Chloridoideae (Poaceae) based on multi-gene phylogenetic trees. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 580-598.	2.7	147
5	Dated historical biogeography of the temperate Loliinae (Poaceae, Pooideae) grasses in the northern and southern hemispheres. <i>Molecular Phylogenetics and Evolution</i> , 2008, 46, 932-957.	2.7	145
6	A 250 plastome phylogeny of the grass family (Poaceae): topological support under different data partitions. <i>PeerJ</i> , 2018, 6, e4299.	2.0	138
7	A molecular phylogeny and new subgeneric classification of <i>Sporobolus</i> (Poaceae: Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50 0.7 102	0.7	102
8	Systematics and evolution of the needle grasses (Poaceae: Pooideae: Stipeae) based on analysis of multiple chloroplast loci, ITS, and lemma micromorphology. <i>Taxon</i> , 2012, 61, 18-44.	0.7	67
9	A classification of and key to the supraspecific taxa in <i>Eleocharis</i> (Cyperaceae). <i>Taxon</i> , 1997, 46, 433-449.	0.7	63
10	A worldwide phylogenetic classification of the Poaceae (Gramineae) III: An update. <i>Journal of Systematics and Evolution</i> , 2022, 60, 476-521.	3.1	61
11	Classification and Biogeography of New World Grasses: Chloridoideae. <i>Aliso</i> , 2007, 23, 580-594.	0.2	54
12	A molecular phylogeny and classification of <i>Leptochloa</i> (Poaceae: Chloridoideae: Chlorideae) sensu lato and related genera. <i>Annals of Botany</i> , 2012, 109, 1317-1330.	2.9	51
13	Molecular phylogenetics of cool-season grasses in the subtribes Agrostidinae, Anthoxanthinae, Aveninae, Brizinae, Calothecinae, Koeleriinae and Phalaridinae (Poaceae, Pooideae, Poaeae, Poaeae) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50 0.7 102	0.7	43
14	A phylogeny and classification of the Muhlenbergiinae (Poaceae: Chloridoideae: Cynodonteae) based on plastid and nuclear DNA sequences. <i>American Journal of Botany</i> , 2010, 97, 1532-1554.	1.7	41
15	Centropodieae and <i>Ellisochloa</i> , a new tribe and genus in Chloridoideae (Poaceae). <i>Taxon</i> , 2011, 60, 1113-1122.	0.7	40
16	A molecular phylogeny and classification of the Eleusininae with a new genus, <i>Micrachne</i> (Poaceae: Chloridoideae: Cynodonteae). <i>Taxon</i> , 2015, 64, 445-467.	0.7	38
17	Miocene–Pliocene speciation, introgression, and migration of <i>Patis</i> and <i>Ptilagrostis</i> (Poaceae: Stipeae). <i>Molecular Phylogenetics and Evolution</i> , 2014, 70, 244-259.	2.7	35
18	Grasses through space and time: An overview of the biogeographical and macroevolutionary history of Poaceae. <i>Journal of Systematics and Evolution</i> , 2022, 60, 522-569.	3.1	35

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19	A molecular phylogeny and classification of the Cynodonteae (Poaceae: Chloridoideae) with four new genera: <i>Orthacanthus</i> , <i>Triplasiella</i> , <i>Tripogonella</i> , and <i>Zaqiqah</i> ; three new subtribes: Dactylocteniinae, Orininae, and Zaqiqahinae; and a subgeneric classification of <i>Distichlis</i> . <i>Taxon</i> , 2016, 65, 1263-1287.	0.7	33
20	Allotetraploid origin and divergence in Eleusine (Chloridoideae, Poaceae): evidence from low-copy nuclear gene phylogenies and a plastid gene chronogram. <i>Annals of Botany</i> , 2011, 108, 1287-1298.	2.9	30
21	A molecular phylogeny and classification of the Cteniinae, Farragininae, Gouiniinae, Gymnopogoninae, Perotidinae, and Trichoneurinae (Poaceae: Chloridoideae: Cynodonteae). <i>Taxon</i> , 2014, 63, 275-286.	0.7	30
22	<i>Guadua sarcocarpa</i> (Poaceae: Bambuseae), a New Species of Amazonian Bamboo with Fleshy Fruits. <i>Systematic Botany</i> , 1991, 16, 630.	0.5	29
23	GENETIC DIVERGENCE AND ISOZYME NUMBER VARIATION AMONG FOUR VARIETIES OF <i>ALLIUM DOUGLASII</i> (ALLIACEAE). <i>American Journal of Botany</i> , 1987, 74, 1614-1624.	1.7	28
24	Molecular Phylogenetics of <i>Bromus</i> (Poaceae: Pooideae) Based on Chloroplast and Nuclear DNA Sequence Data. <i>Aliso</i> , 2007, 23, 450-467.	0.2	27
25	Molecular Phylogeny of <i>Dissanthelium</i> (Poaceae: Pooideae) and its Taxonomic Implications. <i>Systematic Botany</i> , 2012, 37, 122-133.	0.5	26
26	A laboratory guide for generating DNA barcodes in grasses: a case study of <i>Leptochloa</i> s.l. (Poaceae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	24
27	Phylogeny of <i>Nassella</i> (Stipeae, Pooideae, Poaceae) Based on Analyses of Chloroplast and Nuclear Ribosomal DNA and Morphology. <i>Systematic Botany</i> , 2014, 39, 814-828.	0.5	24
28	Genera of New World Eragrostideae (Poaceae: Chloridoideae). <i>Smithsonian Contributions To Botany</i> , 1997, , 1-50.	0.7	24
29	Epidermal features and spikelet micromorphology in <i>Oryza</i> and related genera (Poaceae: Oryzeae). <i>Smithsonian Contributions To Botany</i> , 2001, , 1-50.	0.7	23
30	PHYLOGENY OF NORTH AMERICAN ORYZOID GRASSES AS CONSTRUED FROM MAPS OF PLASTID DNA RESTRICTION SITES. <i>American Journal of Botany</i> , 1993, 80, 83-88.	1.7	22
31	Inflorescence diversification in the 'finger millet clade' (Chloridoideae, Poaceae): a comparison of molecular phylogeny and developmental morphology. <i>American Journal of Botany</i> , 2007, 94, 1230-1247.	1.7	22
32	Phylogenetics of <i>Piptatherum</i> s.l. (Poaceae: Stipeae): Evidence for a new genus, <i>Piptatheropsis</i> , and resurrection of <i>Patis</i> . <i>Taxon</i> , 2011, 60, 1703-1716.	0.7	22
33	(2332) Proposal to conserve the name <i>Sporobolus</i> against <i>Spartina</i> , <i>Crypsis</i> , <i>Poncelletia</i> , and <i>Heleochoa</i> (Poaceae: Chloridoideae: Sporobolinae). <i>Taxon</i> , 2014, 63, 1373-1374.	0.7	21
34	Phylogeny and subgeneric classification of <i>Bouteloua</i> with a new species, <i>B. herrerae</i> (Poaceae: Chloridoideae: Cynodonteae: Boutelouinae). <i>Journal of Systematics and Evolution</i> , 2015, 53, 351-366.	3.1	20
35	Unraveling the evolutionary dynamics of ancient and recent polyploidization events in <i>Avena</i> (Poaceae). <i>Scientific Reports</i> , 2017, 7, 41944.	3.3	20
36	Infrageneric Phylogeny and Temporal Divergence of <i>Sorghum</i> (Andropogoneae, Poaceae) Based on Low-Copy Nuclear and Plastid Sequences. <i>PLoS ONE</i> , 2014, 9, e104933.	2.5	19

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37	Phylogeography of <i>Orinus</i> (Poaceae), a dominant grass genus on the Qinghai-Tibet Plateau. <i>Botanical Journal of the Linnean Society</i> , 2018, 186, 202-223.	1.6	18
38	Molecular phylogenetic analysis resolves <i>Trisetum</i> (Poaceae: Pooideae: Koeleriinae) polyphyletic: Evidence for a new genus, <i>Sibirotrisetum</i> and resurrection of <i>Acrospelion</i> . <i>Journal of Systematics and Evolution</i> , 2020, 58, 517-526.	3.1	17
39	Revision of <i>Poa</i> L. (Poaceae, Pooideae, Poeae, Poinae) in Mexico: new records, re-evaluation of <i>P. ruprechtii</i> , and two new species, <i>P. palmeri</i> and <i>P. wendtii</i> . <i>PhytoKeys</i> , 2012, 15, 1-104.	1.0	16
40	A 313 plastome phylogenomic analysis of Pooideae: Exploring relationships among the largest subfamily of grasses. <i>Molecular Phylogenetics and Evolution</i> , 2021, 159, 107110.	2.7	16
41	Caryopsis morphology and classification in the Triticeae (Pooideae: Poaceae). <i>Smithsonian Contributions To Botany</i> , 1993, , 1-25.	0.7	14
42	Genetic diversity of fringed brome (<i>Bromus ciliatus</i>) as determined by amplified fragment length polymorphism. <i>Canadian Journal of Botany</i> , 2005, 83, 1322-1328.	1.1	13
43	A taxonomic revision of <i>Bromus</i> (Poaceae: Pooideae: Bromeae) in Mexico and Central America. <i>Phytotaxa</i> , 2014, 185, 1.	0.3	13
44	Phylogeny of North American Oryzoid Grasses as Construed from Maps of Plastid DNA Restriction Sites. <i>American Journal of Botany</i> , 1993, 80, 83.	1.7	13
45	Systematics of the Annual Species of <i>Muhlenbergia</i> (Poaceae-Eragrostideae). <i>Systematic Botany Monographs</i> , 1991, 31, 1.	1.2	12
46	Alliances of <i>Muhlenbergia</i> (Poaceae) within New World Eragrostideae are identified by phylogenetic analysis of mapped restriction sites from plastid DNAs. <i>American Journal of Botany</i> , 1994, 81, 622-629.	1.7	12
47	A key to the North American genera of Stipeae (Poaceae, Pooideae) with descriptions and taxonomic names for species of <i>Eriocoma</i> , <i>Neotrinia</i> , <i>Oloptum</i> , and five new genera: <i>Barkworthia</i> , <i>Eriosella</i> , <i>Pseudoeriacoma</i> , <i>Ptilagrostiella</i> , and <i>Thorneochloa</i> . <i>PhytoKeys</i> , 2019, 126, 89-125.	1.0	12
48	Allelic Variation in the Amphitropical Disjunct <i>Muhlenbergia torreyi</i> (Poaceae: Muhlenbergiinae). <i>Brittonia</i> , 1998, 50, 381.	0.2	11
49	ERAGROSTIS (POACEAE: CHLORIDOIDEAE: ERAGROSTIDEAE: ERAGROSTIDINAE) OF PERU¹. <i>Annals of the Missouri Botanical Garden</i> , 2007, 94, 745-790.	1.3	11
50	Pramo <i>Calamagrostis</i> s.l. (Poaceae): An updated list and key to the species known or likely to occur in pramos of NW South America and southern Central America including two new species, one new variety and five new records for Colombia. <i>PhytoKeys</i> , 2019, 122, 29-78.	1.0	10
51	Systematics of <i>Disakisperma</i> (Poaceae, Chloridoideae, Chlorideae). <i>PhytoKeys</i> , 2013, 26, 21-70.	1.0	10
52	Subtribal classification of the New World Eragrostideae (Poaceae: Chloridoideae). <i>SIDA, Contributions To Botany</i> , 1995, 16, 529-544.	0.0	10
53	Flavonoids of the annual <i>Muhlenbergia</i> . <i>Biochemical Systematics and Ecology</i> , 1987, 15, 647-652.	1.3	9
54	Lemma Micromorphology in the Annual <i>Muhlenbergia</i> (Poaceae). <i>Southwestern Naturalist</i> , 1989, 34, 61.	0.1	9

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55	Comparative leaf anatomy of the annual Muhlenbergia (Poaceae). Nordic Journal of Botany, 1989, 8, 575-583.	0.5	9
56	Bromus catharticus in South America (Poaceae: Bromeae). Novon, 1998, 8, 53.	0.3	9
57	Systematics of Trigonochloa (Poaceae, Chloridoideae, Chlorideae). PhytoKeys, 2012, 13, 25-38.	1.0	9
58	Agrostopoa (Poaceae, Pooideae, Poeae, Poinae), a New Genus with Three Species from Colombia. Novon, 2009, 19, 32-40.	0.3	8
59	Monograph of Diplachne (Poaceae, Chloridoideae, Cynodonteae). PhytoKeys, 2018, 93, 1-102.	1.0	8
60	Grasses of Egypt. Smithsonian Contributions To Botany, 2016, , x-201.	0.7	8
61	Genetic Divergence and Isozyme Number Variation Among Four Varieties of Allium douglasii (Alliaceae). American Journal of Botany, 1987, 74, 1614.	1.7	7
62	A Chloroplast DNA Analysis of Chaboissaea (Poaceae: Eragrostideae). Systematic Botany, 1997, 22, 291.	0.5	7
63	Eleocharis cryptica (Cyperaceae), a dwarf new species from Durango, Mexico. Brittonia, 2010, 62, 233-238.	0.2	7
64	Phylogeny, classification, and biogeography of Afrotrichloris, Apochiton, Coelachyrum, Dinebra, Eleusine, Leptochloa, Schoenefeldia, and a new genus, Schoenefeldiella (Poaceae: Chloridoideae: Tj ETQq0 0 0 rgBL1 Overlook 10 Tf 50		
65	A molecular phylogeny of the subtribe sporobolinae and a classification of the subfamily Chloridoideae (Poaceae). Memoirs of the New York Botanical Garden, 2017, , .	0.0	7
66	Eleocharis reznicekii (cyperaceae), a new species from the mexican high plateau. Acta Botanica Mexicana, 2007, , 35.	0.3	7
67	New combinations and updated descriptions in Podagrostis (Agrostidinae, Poaceae) from the Neotropics and Mexico. PhytoKeys, 2020, 148, 21-50.	1.0	7
68	An updated checklist and key to the open-panicled species of Poa L. (Poaceae) in Peru including three new species, Poa ramoniana, Poa tayacajaensis, and Poa urubambensis. PhytoKeys, 2016, 65, 57-90.	1.0	7
69	A phylogeny of species near Agrostis supporting the recognition of two new genera, Agrostula and Alpagrostis (Poaceae, Pooideae, Agrostidinae) from Europe. PhytoKeys, 2020, 167, 57-82.	1.0	7
70	Alliances of Muhlenbergia (Poaceae) within New World Eragrostideae are Identified by Phylogenetic Analysis of Mapped Restriction Sites from Plastid DNAs. American Journal of Botany, 1994, 81, 622.	1.7	6
71	Recognition of Bromus Richardsonii and B. Ciljatus: Evidence from Morphology, Cytology, and DNA Fingerprinting (Poaceae: Bromeae). Aliso, 0, , 21-36.	0.2	6
72	New Records and a Taxonomic Review of Calamagrostis perplexa (Poaceae: Poeae: Agrostidinae), a New York State Endemic Grass. Rhodora, 2009, 111, 155-170.	0.1	5

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73	Phylogenetic signals in the realized climate niches of Chinese grasses (Poaceae). <i>Plant Ecology</i> , 2011, 212, 1733-1746.	1.6	5
74	<i>Poa laegaardiana</i> , a new species from Ecuador (Poaceae, Pooideae, Poaeae, Poinae). <i>PhytoKeys</i> , 2018, 100, 141-147.	1.0	4
75	Grasses of Mali. <i>Smithsonian Contributions To Botany</i> , 2018, , vi-146.	0.7	4
76	Grasses of Chihuahua, Mexico. <i>Smithsonian Contributions To Botany</i> , 2018, , vi-380.	0.7	4
77	Phylogeny and biogeography of <i>Calamagrostis</i> (Poaceae: Pooideae: Poaeae: Agrostidinae), description of a new genus, <i>Condilorachia</i> (Calothecinae), and expansion of <i>Greeneochloa</i> and <i>Pentapogon</i> (Echinopogoninae). <i>Journal of Systematics and Evolution</i> , 2011, 41, 1-12.	3.1	4
78	A Revision of <i>Blepharoneuron</i> (Poaceae: Eragrostideae). <i>Systematic Botany</i> , 1990, 15, 515.	0.5	3
79	Three New Species of <i>Eleocharis</i> (Cyperaceae) from the Andean Páramos of Colombia and Ecuador. <i>Novon</i> , 2008, 18, 168-174.	0.3	3
80	A revision of <i>Poa</i> subsection <i>Aphanelytrum</i> (Poaceae, Pooideae, Poaeae, Poinae); and a new species, <i>Poa auriculata</i> . <i>PhytoKeys</i> , 2016, 63, 107-125.	1.0	3
81	A molecular phylogeny of <i>Eragrostis</i> (Poaceae: Chloridoideae: Eragrostideae): making lovegrass monophyletic in Australia. <i>Australian Systematic Botany</i> , 2020, , .	0.9	3
82	A biogeographical analysis of <i>Muhlenbergia</i> (Poaceae: Chloridoideae: Cynodonteae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 To	3.1	3
83	Revision of <i>Muhlenbergia</i> (Poaceae, Chloridoideae, Cynodonteae, Muhlenbergiinae) in Peru: classification, phylogeny, and a new species, <i>M. romaschenkoi</i> . <i>PhytoKeys</i> , 2018, 114, 123-206.	1.0	3
84	<i>Sporobolus temomairemensis</i> (Poaceae: Eragrostideae): A New Species from Northern South America. <i>Systematic Botany</i> , 1989, 14, 525.	0.5	2
85	A New Cleistogamous South American Species of <i>Eragrostis</i> (Poaceae: Chloridoideae). <i>Brittonia</i> , 1990, 42, 47.	0.2	2
86	(2620) Proposal to reject the name <i>Poa amabilis</i> (<i>Eragrostis amabilis</i>) (Poaceae). <i>Taxon</i> , 2018, 67, 644-645.	0.7	2
87	Phylogeny of <i>Muhlenbergia</i> subg. <i>Pseudosporobolus</i> , including <i>M. spatha</i> (Poaceae, Chloridoideae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 To	1.0	2
88	A phylogeny of the Triraphideae including <i>Habrochloa</i> and <i>Nematopoa</i> (Poaceae, Chloridoideae). <i>PhytoKeys</i> , 2022, 194, 123-133.	1.0	2
89	Systematic Relationships and Nomenclatural Changes in the <i>Allium douglasii</i> Complex (Alliaceae). <i>Systematic Botany</i> , 1988, 13, 207.	0.5	1
90	A NEW COMBINATION AND NEW NAME IN <i>LEPTOCHLOA</i> (POACEAE) FROM THE MARQUESAS ISLANDS. <i>Taxon</i> , 1990, 39, 659-660.	0.7	1

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91	<i>Aristida surperuanensis</i> (Poaceae, Aristidoideae), a new species from a desert valley in southern Peru. <i>Phytotaxa</i> , 2019, 419, 182-188.	0.3	1
92	(2881) Proposal to conserve the name <i>Triraphis</i> (Poaceae: Chloridoideae) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	0.7	1
93	The biogeography of grasses (Poaceae). <i>Journal of Systematics and Evolution</i> , 2022, 60, 473-475.	3.1	1
94	<i>Muhlenbergia majalcensis</i> (Poaceae: Eragrostideae), a New Species from Chihuahua, Mexico. <i>Systematic Botany</i> , 1989, 14, 316.	0.5	0
95	(1365) Proposal to conserve the name <i>Elionurus</i> (Poaceae, Andropogoneae) with that spelling. <i>Taxon</i> , 1998, 47, 737-738.	0.7	0
96	<i>Rheochloa</i> (Poaceae: Chloridoideae), a New Genus from Central Brazil. <i>Systematic Botany</i> , 1999, 24, 123.	0.5	0
97	<i>Tripogon nicorae</i> var. <i>aristulata</i> (Poaceae), a new variety from Peru. <i>Phytotaxa</i> , 2021, 523, 110-115.	0.3	0
98	The Grasses of Chihuahua, Mexico. <i>Smithsonian Contributions To Botany</i> , 2018, , vi-380.	0.7	0
99	<i>Eriocoma valdesii</i> , a new species from México (Poaceae, Stipeae). <i>PhytoKeys</i> , 2020, 139, 21-28.	1.0	0