

OLe Seberg

List of Publications by Year in descending order

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102
papers

6,251
citations

126708

33
h-index

71532

76
g-index

106
all docs

106
docs citations

106
times ranked

6244
citing authors

#	ARTICLE	IF	CITATIONS
1	A DNA barcode for land plants. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12794-12797.	3.3	2,120
2	A proposal for a standardised protocol to barcode all land plants. Taxon, 2007, 56, 295-299.	0.4	457
3	Phylogenetic relationships of Triticum and Aegilops and evidence for the origin of the A, B, and D genomes of common wheat (Triticum aestivum). Molecular Phylogenetics and Evolution, 2006, 39, 70-82.	1.2	331
4	Molecular Techniques in the Assessment of Botanical Diversity. Annals of Botany, 1996, 78, 143-149.	1.4	204
5	Simultaneous parsimony jackknife analysis of 2538rbcL DNA sequences reveals support for major clades of green plants, land plants, seed plants and flowering plants. Plant Systematics and Evolution, 1998, 213, 259-287.	0.3	202
6	A Phylogeny of the Monocots, as Inferred from rbcL and atpA Sequence Variation, and a Comparison of Methods for Calculating Jackknife and Bootstrap Values. Systematic Botany, 2004, 29, 467-510.	0.2	173
7	DNA Damage in Plant Herbarium Tissue. PLoS ONE, 2011, 6, e28448.	1.1	166
8	Molecular technologies for biodiversity evaluation: Opportunities and challenges. Nature Biotechnology, 1997, 15, 625-628.	9.4	147
9	Shortcuts in systematics? A commentary on DNA-based taxonomy. Trends in Ecology and Evolution, 2003, 18, 63-65.	4.2	142
10	How Many Loci Does it Take to DNA Barcode a Crocus?. PLoS ONE, 2009, 4, e4598.	1.1	122
11	Phylogenetic Analysis of the Triticeae (Poaceae) Based onrpoA Sequence Data. Molecular Phylogenetics and Evolution, 1997, 7, 217-230.	1.2	100
12	Plastid phylogenomics and molecular evolution of Alismatales. Cladistics, 2016, 32, 160-178.	1.5	98
13	The Global Genome Biodiversity Network (GGBN) Data Portal. Nucleic Acids Research, 2014, 42, D607-D612.	6.5	87
14	Phylogeny of the Asparagales based on three plastid and two mitochondrial genes. American Journal of Botany, 2012, 99, 875-889.	0.8	84
15	A unified classification system for eukaryotic transposable elements should reflect their phylogeny. Nature Reviews Genetics, 2009, 10, 276-276.	7.7	69
16	Plastome Evolution in Hemiparasitic Mistletoes. Genome Biology and Evolution, 2015, 7, 2520-2532.	1.1	68
17	Phylogenetic Evidence for Excision of Stowaway Miniature Inverted-Repeat Transposable Elements in Triticeae (Poaceae). Molecular Biology and Evolution, 2000, 17, 1589-1596.	3.5	63
18	Phylogeny, Genome Size, and Chromosome Evolution of Asparagales. Aliso, 2006, 22, 287-304.	0.4	57

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19	Sequence length variation, indel costs, and congruence in sensitivity analysis. <i>Cladistics</i> , 2005, 21, 15-30.	1.5	54
20	Genome analysis, phylogeny, and classification. <i>Plant Systematics and Evolution</i> , 1989, 166, 159-171.	0.3	51
21	A phylogenetic analysis of the monogenomic Triticeae (Poaceae) based on morphology. <i>Botanical Journal of the Linnean Society</i> , 2001, 136, 75-97.	0.8	47
22	Molecular Evolution and Phylogenetic Application of DMC1. <i>Molecular Phylogenetics and Evolution</i> , 2002, 22, 43-50.	1.2	46
23	EXPLANATION. <i>Cladistics</i> , 1995, 11, 211-218.	1.5	45
24	RNA editing and phylogenetic reconstruction in two monocot mitochondrial genes. <i>Taxon</i> , 2006, 55, 871-886.	0.4	42
25	Mitochondrial genome evolution in parasitic plants. <i>BMC Evolutionary Biology</i> , 2019, 19, 87.	3.2	42
26	Investigation of Genetic and Morphological Variation in the Sago Palm (<i>Metroxylon sagu</i> ; <i>Arecaceae</i>) in Papua New Guinea. <i>Annals of Botany</i> , 2004, 94, 109-117.	1.4	41
27	On the Origin of the Tetraploid Species <i>Hordeum capense</i> and <i>H. secalinum</i> (Poaceae). <i>Systematic Botany</i> , 2004, 29, 862-873.	0.2	39
28	A critical review of concepts and methods used in classical genome analysis. <i>Botanical Review, The</i> , 1998, 64, 372-417.	1.7	38
29	PCR and sequencing from a single pollen grain. <i>Plant Molecular Biology</i> , 1996, 31, 189-191.	2.0	37
30	Phylogeny of the Juncaceae based on <i>rbc L</i> sequences, with special emphasis on <i>Luzula DC.</i> and <i>Juncus L.</i> <i>Plant Systematics and Evolution</i> , 2003, 240, 133-147.	0.3	37
31	Are mitochondrial genes useful for the analysis of monocot relationships?. <i>Taxon</i> , 2006, 55, 857-870.	0.4	37
32	Identification of common horsetail (<i>Equisetum arvense L.</i> ; <i>Equisetaceae</i>) using Thin Layer Chromatography versus DNA barcoding. <i>Scientific Reports</i> , 2015, 5, 11942.	1.6	36
33	Mitochondrial genome evolution in Alismatales: Size reduction and extensive loss of ribosomal protein genes. <i>PLoS ONE</i> , 2017, 12, e0177606.	1.1	36
34	Evolution of <i>Asparagus L.</i> (<i>Asparagaceae</i>): Out-of-South-Africa and multiple origins of sexual dimorphism. <i>Molecular Phylogenetics and Evolution</i> , 2015, 92, 25-44.	1.2	35
35	Multilateral benefit-sharing from digital sequence information will support both science and biodiversity conservation. <i>Nature Communications</i> , 2022, 13, 1086.	5.8	34
36	Are substitution rates and RNA editing correlated?. <i>BMC Evolutionary Biology</i> , 2010, 10, 349.	3.2	33

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37	The controversy over the retypification of <i>Acacia</i> Mill. with an Australian type: A pragmatic view. <i>Taxon</i> , 2011, 60, 194-198.	0.4	33
38	Taxonomy, phylogeny, and biogeography of the genus <i>Oreobolus</i> R.Br. (Cyperaceae), with comments on the biogeography of the South Pacific continents. <i>Botanical Journal of the Linnean Society</i> , 1988, 96, 119-195.	0.8	32
39	Phylogenetic analysis of the Triticeae (Poaceae). <i>Hereditas</i> , 2008, 116, 15-19.	0.5	31
40	Phylogeny of the Alismatales (Monocotyledons) and the relationship of <i>Acorus</i> (<i>Acorales</i> ?). <i>Cladistics</i> , 2016, 32, 141-159.	1.5	28
41	An empirical test of the treatment of indels during optimization alignment based on the phylogeny of the genus <i>Secale</i> (Poaceae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 733-742.	1.2	27
42	Revision of the genus <i>Ulvella</i> (Ulvellaceae, Ulvophyceae) based on morphology and <i>tufA</i> gene sequences of species in culture, with <i>Acrochaete</i> and <i>Pringsheimiella</i> placed in synonymy. <i>Phycologia</i> , 2013, 52, 37-56.	0.6	27
43	Comparison of the Giemsa C-banded and N-banded karyotypes of two <i>Elymus</i> species, <i>E. dentatus</i> and <i>E. glaucescens</i> (Poaceae: Triticeae). <i>Plant Systematics and Evolution</i> , 1994, 192, 165-176.	0.3	26
44	Phylogeny of the Liliales (Monocotyledons) with special emphasis on data partition congruence and RNA editing. <i>Cladistics</i> , 2013, 29, 274-295.	1.5	26
45	Localized Retroprocessing as a Model of Intron Loss in the Plant Mitochondrial Genome. <i>Genome Biology and Evolution</i> , 2016, 8, 2176-2189.	1.1	26
46	A taxonomic revision of the genus <i>Hystrix</i> (Triticeae, Poaceae). <i>Nordic Journal of Botany</i> , 1997, 17, 449-467.	0.2	24
47	PARALECTOTYPE, A NEW TYPE TERM IN BOTANY. <i>Taxon</i> , 1984, 33, 707-711.	0.4	23
48	When is enough, enough in phylogenetics? A case in point from <i>Hordeum</i> (Poaceae). <i>Cladistics</i> , 2011, 27, 428-446.	1.5	23
49	A Critique of the Theory and Methods of Panbiogeography. <i>Systematic Zoology</i> , 1986, 35, 369.	1.6	22
50	DNA Taxonomy—the Riddle of <i>Oxychloa</i> (Juncaceae). <i>Systematic Botany</i> , 2005, 30, 284-289.	0.2	21
51	Mitochondrial Data in Monocot Phylogenetics. <i>Aliso</i> , 2006, 22, 52-62.	0.4	21
52	Genetic resources in the Triticeae. <i>Hereditas</i> , 0, 116, 141-150.	0.5	19
53	Phylogenetic relationships of allotetraploid <i>Hordelymus europaeus</i> (L.) Harz (Poaceae: Triticeae). <i>Plant Systematics and Evolution</i> , 2008, 273, 87-95.	0.3	18
54	Phylogenetic relationships in the millipede family Julidae. <i>Cladistics</i> , 2011, 27, 606-616.	1.5	17

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55	Genome Reports: Contracted Genes and Dwarfed Plastome in Mycoheterotrophic <i>Sciaphila thaidanica</i> (Triuridaceae, Pandanales). <i>Genome Biology and Evolution</i> , 2018, 10, 976-981.	1.1	17
56	Phylogeny of Triticeae (Poaceae) Based on Three Organelle Genes, Two Single-Copy Nuclear Genes, and Morphology. <i>Aliso</i> , 2007, 23, 362-371.	0.4	17
57	Taxonomy and phylogeny of the genus <i>Acalypha</i> (Euphorbiaceae) in the Galápagos Archipelago. <i>Nordic Journal of Botany</i> , 1984, 4, 159-190.	0.2	16
58	Eremium, a New Genus of the Triticeae (Poaceae) from Argentina. <i>Systematic Botany</i> , 1996, 21, 3.	0.2	16
59	Alignment, clade robustness and fungal phylogeneticsâ€” Crepidotaceae and sister families revisited. <i>Cladistics</i> , 2010, 26, 62-71.	1.5	16
60	The origin of the H, St, W, and Y genomes in allotetraploid species of <i>Elymus</i> L. and <i>Stenostachys</i> Turcz. (Poaceae: Triticeae). <i>Plant Systematics and Evolution</i> , 2011, 291, 197-210.	0.3	16
61	Phylogenetics and systematics of <i>Eria</i> and related genera (Orchidaceae: Podochileae). <i>Botanical Journal of the Linnean Society</i> , 2018, 186, 179-201.	0.8	16
62	The aberrant millipede genus <i>Pteridoiulus</i> and its position in a revised molecular phylogeny of the family Julidae (Diplopoda : Julida). <i>Invertebrate Systematics</i> , 2013, 27, 515.	0.5	15
63	Graphs and Generalized Tracks: Some Comments on Methods. <i>Systematic Zoology</i> , 1989, 38, 69.	1.6	14
64	Complete genomic congruence but nonâ€”monophyly of <i>Cymodocea</i> (Cymodoceaceae), a small group of seagrasses. <i>Taxon</i> , 2014, 63, 3-8.	0.4	14
65	Genes and Processed Paralogs Co-exist in Plant Mitochondria. <i>Journal of Molecular Evolution</i> , 2012, 74, 158-169.	0.8	13
66	The Complete Sequence of the Mitochondrial Genome of <i>Butomus umbellatus</i> â€” A Member of an Early Branching Lineage of Monocotyledons. <i>PLoS ONE</i> , 2013, 8, e61552.	1.1	13
67	Variation and taxonomy in <i>Hordeum depressum</i> and in the <i>H. brachyantherum</i> complex (Poaceae). <i>Nordic Journal of Botany</i> , 1993, 13, 3-17.	0.2	12
68	The phylogenetic and taxonomic position of <i>Lilaeopsis</i> (Apiaceae), with notes on the applicability of ITS sequence data for phylogenetic reconstruction. <i>Australian Systematic Botany</i> , 2002, 15, 181.	0.3	12
69	Phylogenetic analysis of the Triticeae (Poaceae). <i>Hereditas</i> , 0, 116, 15-19.	0.5	11
70	<i>Stowaway</i> MITEs in <i>Hordeum</i> (Poaceae): evolutionary history, ancestral elements and classification. <i>Cladistics</i> , 2009, 25, 198-208.	1.5	11
71	Title is missing!. <i>Euphytica</i> , 1998, 102, 57-63.	0.6	10
72	Plant DNA: A new substrate for carbon stable isotope analysis and a potential paleoenvironmental indicator. <i>Geology</i> , 2004, 32, 241.	2.0	10

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73	Contrasting patterns of support among plastid genes and genomes for major clades of the monocotyledons. , 0, , 315-349.		10
74	A biometrical analysis of the South American <i>Elymus glaucescens</i> complex (Poaceae: Triticeae). <i>Plant Systematics and Evolution</i> , 1989, 166, 91-104.	0.3	9
75	Genome analysis of <i>Elymus angulatus</i> and <i>E. patagonicus</i> (Poaceae) and their hybrids with N. and S. American <i>Hordeum</i> spp.. <i>Plant Systematics and Evolution</i> , 1991, 174, 75-82.	0.3	9
76	A phylogenetic analysis of the genus <i>Colchicum</i> L. (Colchicaceae) based on sequences from six plastid regions. <i>Taxon</i> , 2011, 60, 1349-1365.	0.4	8
77	The Identity of <i>Chillania pusilla</i> Roivainen (Cyperaceae). <i>Systematic Botany</i> , 1985, 10, 239.	0.2	7
78	Genes from oxidative phosphorylation complexes II-V and two dual-function subunits of complex I are transcribed in <i>Viscum album</i> despite absence of the entire mitochondrial holo-complex I. <i>Mitochondrion</i> , 2022, 62, 1-12.	1.6	7
79	Evolution and diversity of PAPHy_a phytase in the gene pool of wheat (<i>Triticum aestivum</i> L., Poaceae). <i>Genetic Resources and Crop Evolution</i> , 2017, 64, 2115-2126.	0.8	6
80	The genomic basis of the plant island syndrome in Darwin's giant daisies. <i>Nature Communications</i> , 2022, 13, .	5.8	6
81	THE SEVENTH ANNUAL MEETING OF THE WILLI HENNIG SOCIETY. <i>Cladistics</i> , 1989, 5, 183-191.	1.5	5
82	The karyotype of <i>Festucopsis serpentini</i> (Poaceae Triticeae) from Albania studied by banding techniques and in situ hybridization. <i>Plant Systematics and Evolution</i> , 1996, 201, 75-82.	0.3	5
83	ITS regions highly conserved in cultivated barleys. <i>Euphytica</i> , 1996, 90, 233-234.	0.6	5
84	The Giemsa C-banded Karyotype of <i>Crithopsis Delileana</i> (Poaceae; Triticeae). <i>Hereditas</i> , 2004, 130, 51-55.	0.5	5
85	A phylogenetic analysis of the genus <i>Psathyrostachys</i> (Poaceae) based on one nuclear gene, three plastid genes, and morphology. <i>Plant Systematics and Evolution</i> , 2004, 249, 99-110.	0.3	5
86	Phylogenetics of <i>Dendrochilum</i> (Orchidaceae): Evidence of pronounced morphological homoplasy and predominantly centric endemism. <i>Taxon</i> , 2019, 68, 1173-1188.	0.4	5
87	Morphometric analysis of the <i>Bersama abyssinica</i> Fresen. complex (Melianthaceae) in East Africa. <i>Plant Systematics and Evolution</i> , 2001, 227, 157-182.	0.3	4
88	Karyotypes of <i>Elymus scabrifolius</i> (Poaceae: Triticeae) from South America Studied by Banding Techniques and in Situ Hybridization. <i>Hereditas</i> , 2004, 135, 41-50.	0.5	4
89	Carbon stable isotope composition of DNA isolated from an incipient paleosol. <i>Geology</i> , 2006, 34, 381.	2.0	4
90	Mitochondrial DNA Sequences in Plant Phylogenetics and Evolution—symposium at XVII IBC, Vienna, Austria. <i>Taxon</i> , 2006, 55, 833-835.	0.4	4

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91	DOES DAPI DETECT CYTOPLASMIC DNA?. American Journal of Botany, 1995, 82, 1215-1219.	0.8	3
92	BIOGRAPHICAL AND BIBLIOGRAPHICAL NOTES ON C. A. AND P. C. CANDARGY. Taxon, 1989, 38, 569-575.	0.4	2
93	Does DAPI Detect Cytoplasmic DNA?. American Journal of Botany, 1995, 82, 1215.	0.8	2
94	The Karyotype of Elymus Mendodnus (Poaceae; Triticeae) from Argentina studied by Banding Techniques. Hereditas, 2004, 131, 247-252.	0.5	2
95	NEW INFORMATION ON FERDINAND J. H. MUELLER'S EARLY TAXONOMIC PAPERS (1854-1856). Taxon, 1986, 35, 262-271.	0.4	1
96	A new combination in Hordeum (Triticeae, Poaceae). Nordic Journal of Botany, 1991, 11, 153-153.	0.2	1
97	To aitch or not to aitch: <i>Ripogonum</i> (<i>Ripogonaceae</i>) or <i>Rhipogonum</i> (<i>Rhipogonaceae</i>)?. Taxon, 2013, 62, 606-608.	0.4	1
98	Molecular Studies on the Phylogeny of the Genus Barley (Hordeum; Poaceae). , 1998, , 437-440.		1
99	THE HIERARCHY OF TYPES-AGAIN. Taxon, 1984, 33, 496-497.	0.4	1
100	Chris Humphries (1947-2009): botanist, cladist and biogeographer: an appreciation. Cladistics, 2011, 27, 223-229.	1.5	0
101	Corrigendum to "To aitch or not to aitch: <i>Ripogonum</i> (<i>Ripogonaceae</i>) or <i>Rhipogonum</i> (<i>Rhipogonaceae</i>)?". Taxon, 2013, 62, 1364-1364.	0.4	0
102	Willi Hennig's legacy in the Nordic countries. , 0, , 31-69.		0