

Bengt Oxelman

List of Publications by Year in descending order

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87
papers

6,974
citations

81900

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docs citations

91
times ranked

5996
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability of Bayesian Posterior Probabilities and Bootstrap Frequencies in Phylogenetics. <i>Systematic Biology</i> , 2003, 52, 665-673.	5.6	627
2	Chloroplast rps16 intron phylogeny of the tribe Sileneae (Caryophyllaceae). <i>Plant Systematics and Evolution</i> , 1997, 206, 393-410.	0.9	597
3	Improvements to resampling measures of group support. <i>Cladistics</i> , 2003, 19, 324-332.	3.3	594
4	Phylogenies without roots? A plea for the use of vouchers in molecular phylogenetic studies. <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 369-371.	2.7	421
5	A taxonomic backbone for the global synthesis of species diversity in the angiosperm order Caryophyllales. <i>Willdenowia</i> , 2015, 45, 281.	0.8	254
6	Further disintegration of Scrophulariaceae. <i>Taxon</i> , 2005, 54, 411-425.	0.7	201
7	Piecing together the "new" Plantaginaceae. <i>American Journal of Botany</i> , 2005, 92, 297-315.	1.7	197
8	Inferring the History of the Polyploid <i>Silene aegaea</i> (Caryophyllaceae) Using Plastid and Homoeologous Nuclear DNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 474-481.	2.7	190
9	More Characters or More Taxa for a Robust Phylogeny? Case Study from the Coffee Family (Rubiaceae). <i>Systematic Biology</i> , 1999, 48, 413-435.	5.6	183
10	DISSECT: an assignment-free Bayesian discovery method for species delimitation under the multispecies coalescent. <i>Bioinformatics</i> , 2015, 31, 991-998.	4.1	179
11	Whole-Genome Positive Selection, Elevated Synonymous Substitution Rates, Duplication, and Indel Evolution of the Chloroplast <i>clpP1</i> Gene. <i>PLoS ONE</i> , 2008, 3, e1386.	2.5	168
12	Relationships of the Buddlejaceae s. l. Investigated Using Parsimony Jackknife and Branch Support Analysis of Chloroplast <i>ndhF</i> and <i>rbcl</i> Sequence Data. <i>Systematic Botany</i> , 1999, 24, 164.	0.5	131
13	Generic boundaries in the tribe Sileneae (Caryophyllaceae) as inferred from nuclear rDNA sequences. <i>Taxon</i> , 1995, 44, 525-542.	0.7	122
14	Phylogenetic relationships within the Gentianales based on NDHF and RBCL sequences, with particular reference to the Loganiaceae. <i>American Journal of Botany</i> , 2000, 87, 1029-1043.	1.7	119
15	Hybrid Origins and Homoploid Reticulate Evolution within <i>Heliosperma</i> (Sileneae, Caryophyllaceae): A Multigene Phylogenetic Approach with Relative Dating. <i>Systematic Biology</i> , 2009, 58, 328-345.	5.6	114
16	Phylogenetic analysis of mitochondrial substitution rate variation in the angiosperm tribe Sileneae. <i>BMC Evolutionary Biology</i> , 2009, 9, 260.	3.2	114
17	Embracing heterogeneity: coalescing the Tree of Life and the future of phylogenomics. <i>PeerJ</i> , 2019, 7, e6399.	2.0	111
18	Origin and Evolution of a Circumpolar Polyploid Species Complex in <i>Silene</i> (Caryophyllaceae) Inferred from Low Copy Nuclear RNA Polymerase Introns, rDNA, and Chloroplast DNA. <i>Systematic Botany</i> , 2005, 30, 302-313.	0.5	106

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19	From Gene Trees to a Dated Allopolyploid Network: Insights from the Angiosperm Genus <i>Viola</i> (Violaceae). <i>Systematic Biology</i> , 2015, 64, 84-101.	5.6	106
20	Reticulate phylogenetics and phylogeographical structure of <i>Heliosperma</i> (Sileneae, Caryophyllaceae) inferred from chloroplast and nuclear DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 140-155.	2.7	100
21	Inferring Species Networks from Gene Trees in High-Polyploid North American and Hawaiian Violets (<i>Viola</i> , Violaceae). <i>Systematic Biology</i> , 2012, 61, 107-126.	5.6	100
22	Geographic and phylogenetic patterns in <i>Silene</i> section <i>Melandrium</i> (Caryophyllaceae) as inferred from chloroplast and nuclear DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 978-991.	2.7	93
23	Spatiotemporal reconstruction of the <i>Aquilegia</i> rapid radiation through next-generation sequencing of rapidly evolving cpDNA regions. <i>New Phytologist</i> , 2013, 198, 579-592.	7.3	86
24	Phylogeny and classification of Fumariaceae, with emphasis on <i>Dicentra</i> s. l., based on the plastid <i>trnK</i> intron. <i>Plant Systematics and Evolution</i> , 1997, 206, 411-420.	0.9	83
25	Reconstructing the Evolutionary History of Polyploids from Multilabeled Trees. <i>Molecular Biology and Evolution</i> , 2006, 23, 1784-1791.	8.9	83
26	Untangling Complex Histories of Genome Mergings in High Polyploids. <i>Systematic Biology</i> , 2007, 56, 467-476.	5.6	82
27	Origin and evolution of North American polyploid <i>Silene</i> (Caryophyllaceae). <i>American Journal of Botany</i> , 2007, 94, 330-349.	1.7	79
28	Phylogenetic dating with confidence intervals using mean path lengths. <i>Molecular Phylogenetics and Evolution</i> , 2002, 24, 58-65.	2.7	78
29	Evolution of a RNA Polymerase Gene Family in <i>Silene</i> (Caryophyllaceae) – Incomplete Concerted Evolution and Topological Congruence Among Paralogues. <i>Systematic Biology</i> , 2004, 53, 914-932.	5.6	76
30	Statistical Inference of Allopolyploid Species Networks in the Presence of Incomplete Lineage Sorting. <i>Systematic Biology</i> , 2013, 62, 467-478.	5.6	75
31	Distribution of the anther smut pathogen <i>Microbotryum</i> on species of the Caryophyllaceae. <i>New Phytologist</i> , 2010, 187, 217-229.	7.3	73
32	Improvements to resampling measures of group support. <i>Cladistics</i> , 2003, 19, 324-332.	3.3	73
33	A revised generic classification of the tribe Sileneae (Caryophyllaceae). <i>Nordic Journal of Botany</i> , 2000, 20, 743-748.	0.5	69
34	RPB2 gene phylogeny in flowering plants, with particular emphasis on asterids. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 462-479.	2.7	58
35	Reticulate or tree-like chloroplast DNA evolution in Sileneae (Caryophyllaceae)? <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 313-325.	2.7	55
36	The origin and number of introductions of the Hawaiian endemic <i>Silene</i> species (Caryophyllaceae). <i>American Journal of Botany</i> , 2007, 94, 210-218.	1.7	54

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37	A new taxonomic backbone for the infrageneric classification of the species-rich genus <i>Silene</i> (Caryophyllaceae). <i>Taxon</i> , 2020, 69, 337-368.	0.7	52
38	Phylogenetic Relationships of <i>Silene multinervia</i> and <i>Silene</i> Section <i>Conoimorpha</i> (Caryophyllaceae). <i>Systematic Botany</i> , 2012, 37, 226-237.	0.5	50
39	Evolutionary persistence in <i>Gunnera</i> and the contribution of southern plant groups to the tropical Andes biodiversity hotspot. <i>PeerJ</i> , 2018, 6, e4388.	2.0	47
40	Inferring polyploid phylogenies from multiply-labeled gene trees. <i>BMC Evolutionary Biology</i> , 2009, 9, 216.	3.2	44
41	EVOLUTION OF SEX DETERMINATION SYSTEMS WITH HETEROGAMETIC MALES AND FEMALES IN <i>SILENE</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 3669-3677.	2.3	44
42	Discovery of Paralogous Nuclear Gene Sequences Coding for the Second-Largest Subunit of RNA Polymerase II (RPB2) and Their Phylogenetic Utility in Gentianales of the Asterids. <i>Molecular Biology and Evolution</i> , 2000, 17, 1131-1145.	8.9	42
43	Polyploid origins in a circumpolar complex in <i>Draba</i> (Brassicaceae) inferred from cloned nuclear DNA sequences and fingerprints. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 695-710.	2.7	39
44	Generic limits in <i>Rhamnus</i> L. s.l. (Rhamnaceae) inferred from nuclear and chloroplast DNA sequence phylogenies. <i>Taxon</i> , 2004, 53, 383-390.	0.7	39
45	Colonization and diversification in the African "sky islands": insights from fossil-calibrated molecular dating of <i>Lychnis</i> (Caryophyllaceae). <i>New Phytologist</i> , 2016, 211, 719-734.	7.3	38
46	Phylogenetics of Allopolyploids. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2017, 48, 543-557.	8.3	38
47	Phylogenetic perspectives on diversification and character evolution in the species-rich genus <i>Erysimum</i> (Erysimeae; Brassicaceae) based on a densely sampled ITS approach. <i>Botanical Journal of the Linnean Society</i> , 2014, 175, 497-522.	1.6	37
48	Point of View Do we need "phylogenetic taxonomy"? <i>Zoologica Scripta</i> , 1996, 25, 183-185.	1.7	36
49	Phylogenetic relationships within <i>Silene</i> (Caryophyllaceae) section <i>Physolychnis</i> . <i>Taxon</i> , 2011, 60, 953-968.	0.7	36
50	Marginal Likelihood Estimate Comparisons to Obtain Optimal Species Delineations in <i>Silene</i> sect. <i>Cryptoneurae</i> (Caryophyllaceae). <i>PLoS ONE</i> , 2014, 9, e106990.	2.5	35
51	Two APETALA2-like genes of <i>Picea abies</i> are differentially expressed during development. <i>Journal of Experimental Botany</i> , 2001, 52, 1111-1115.	4.8	34
52	A revised generic classification of the tribe Sileneae (Caryophyllaceae). <i>Nordic Journal of Botany</i> , 2000, 20, 513-518.	0.5	29
53	Evolution of sex determination and heterogamety changes in section <i>Otites</i> of the genus <i>Silene</i> . <i>Scientific Reports</i> , 2019, 9, 1045.	3.3	29
54	Molecular phylogeny of <i>Acanthophyllum</i> (Caryophyllaceae: Caryophylleae), with emphasis on infrageneric classification. <i>Taxon</i> , 2014, 63, 592-607.	0.7	28

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55	Phylogenetic relationships of <i>Atocion</i> and <i>Viscaria</i> (Sileneae, Caryophyllaceae) inferred from chloroplast, nuclear ribosomal, and low-copy gene DNA sequences. <i>Taxon</i> , 2009, 58, 811-824.	0.7	27
56	Evolution of plant RNA polymerase IV/V genes: evidence of subneofunctionalization of duplicated NRPD2/NRPE2-like paralogs in <i>Viola</i> (Violaceae). <i>BMC Evolutionary Biology</i> , 2010, 10, 45.	3.2	27
57	Assignment of Homoeologs to Parental Genomes in Allopolyploids for Species Tree Inference, with an Example from <i>Fumaria</i> (Papaveraceae). <i>Systematic Biology</i> , 2015, 64, 448-471.	5.6	26
58	A phylogenetic circumscription of <i>Silene</i> sect. <i>Siphonomorpha</i> (Caryophyllaceae) in the Mediterranean Basin. <i>Taxon</i> , 2017, 66, 91-108.	0.7	26
59	RAPD patterns, nrDNA ITS sequences and morphological patterns in <i>Silene</i> section <i>Sedoideae</i> (Caryophyllaceae). <i>Plant Systematics and Evolution</i> , 1996, 201, 93-116.	0.9	25
60	Untangling phylogenetic patterns and taxonomic confusion in tribe Caryophylleae (Caryophyllaceae) with special focus on generic boundaries. <i>Taxon</i> , 2018, 67, 83-112.	0.7	24
61	Conflicting Phylogenetic Signals in the <i>SLX1/Y1</i> Gene in <i>Silene</i> . <i>BMC Evolutionary Biology</i> , 2008, 8, 299.	3.2	21
62	A dated species-tree approach to the trans-Pacific disjunction of the genus <i>Jovellana</i> (Calceolariaceae, Lamiales). <i>Taxon</i> , 2012, 61, 381-391.	0.7	21
63	Species delimitation without prior knowledge: DISSECT reveals extensive cryptic speciation in the <i>Silene aegyptiaca</i> complex (Caryophyllaceae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 102, 1-8.	2.7	21
64	A new section of <i>Silene</i> (Caryophyllaceae) including a new species from South Anatolia, Turkey. <i>Phytotaxa</i> , 2014, 178, 98.	0.3	20
65	Use of allele-specific sequencing primers is an efficient alternative to PCR subcloning of low-copy nuclear genes. <i>Molecular Ecology Resources</i> , 2012, 12, 128-135.	4.8	18
66	Introgressive Hybridization between Anciently Diverged Lineages of <i>Silene</i> (Caryophyllaceae). <i>PLoS ONE</i> , 2013, 8, e67729.	2.5	18
67	Fundamental Differences Between the Methods of Maximum Likelihood and Maximum Posterior Probability in Phylogenetics. <i>Systematic Biology</i> , 2006, 55, 116-121.	5.6	17
68	Origin and Diversification of South American Polyploid <i>Silene</i> Sect. <i>Physolychnis</i> (Caryophyllaceae) in the Andes and Patagonia. <i>Frontiers in Genetics</i> , 2018, 9, 639.	2.3	15
69	Multiple species delimitation approaches applied to the avian lark genus <i>Alaudala</i> . <i>Molecular Phylogenetics and Evolution</i> , 2021, 154, 106994.	2.7	14
70	Life-history strategy defends against disease and may select against physiological resistance. <i>Ecology and Evolution</i> , 2013, 3, 1741-1750.	1.9	11
71	Phylogeny of <i>Echiochilon</i> (Echiochileae, Boraginaceae) based on ITS sequences and morphology. <i>Taxon</i> , 2003, 52, 725-735.	0.7	10
72	Molecular phylogeny of the cosmopolitan aquatic plant genus <i>Limosella</i> (Scrophulariaceae) with a particular focus on the origin of the Australasian <i>L. curdieana</i> . <i>Journal of Plant Research</i> , 2017, 130, 107-116.	2.4	10

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73	Phylogeny of <i>Echiochilon</i> (Echiochileae, Boraginaceae) Based on ITS Sequences and Morphology. <i>Taxon</i> , 2003, 52, 725.	0.7	9
74	Taxonomic revision of <i>Atocion</i> and <i>Viscaria</i> (Sileneae, Caryophyllaceae). <i>Botanical Journal of the Linnean Society</i> , 2013, 173, 194-210.	1.6	9
75	Recombination provides evidence for ancient hybridisation in the <i>Silene aegyptiaca</i> (Caryophyllaceae) complex. <i>Organisms Diversity and Evolution</i> , 2017, 17, 717-726.	1.6	7
76	Biogeographic origins of southern African <i>Silene</i> (Caryophyllaceae). <i>Molecular Phylogenetics and Evolution</i> , 2021, 162, 107199.	2.7	6
77	Phylogeny and species delimitation in <i>Silene</i> sect. <i>Arenosae</i> (Caryophyllaceae): a new section. <i>PhytoKeys</i> , 2020, 159, 1-34.	1.0	6
78	Taxonomic and Nomenclatural Notes on Chinese <i>Silene</i> (Caryophyllaceae). <i>Novon</i> , 2001, 11, 322.	0.3	4
79	Bayesian support is larger than bootstrap support in phylogenetic inference: a mathematical argument. <i>Mathematical Medicine and Biology</i> , 2007, 24, 401-411.	1.2	3
80	The taxonomic identity of the 30,000-y-old plant regenerated from fruit tissue buried in Siberian permafrost. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2735-E2735.	7.1	3
81	Notes on the genus <i>Silene</i> (Caryophyllaceae, Sileneae) in Iran. <i>Phytotaxa</i> , 2019, 425, 35-48.	0.3	3
82	Phylogeny of <i>Acanthophyllum</i> s.l. revisited: An update on generic concept and sectional classification. <i>Taxon</i> , 2020, 69, 500-514.	0.7	3
83	(2755) Proposal to conserve the name <i>Silene linearis</i> Decne. against <i>S. linearis</i> Sweet (Caryophyllaceae). <i>Taxon</i> , 2020, 69, 825-826.	0.7	1
84	Re-establishment of <i>Silene neglecta</i> Ten. (Caryophyllaceae) with taxonomic notes on some related taxa. <i>PhytoKeys</i> , 0, 195, 143-160.	1.0	1
85	(1490) Proposal to reject the name <i>Silene polyphylla</i> L. 1753 (Caryophyllaceae). <i>Taxon</i> , 2001, 50, 923-924.	0.7	0
86	Polyploid origins in a circumpolar complex in <i>Draba</i> (Brassicaceae) inferred from cloned nuclear DNA sequences and fingerprints. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 695-695.	2.7	0
87	The Global Caryophyllales Initiative: Towards an updated taxonomic backbone and a dynamic monograph of a major plant group. <i>Biodiversity Information Science and Standards</i> , 0, 3, .	0.0	0