Sandra L Baldauf

List of Publications by Year
in descending order

57 papers	8,107 citations	159585 30 h-index	161849 54 g-index
60 all docs	60 docs citations	60 times ranked	8875 citing authors

#	Article	IF	Citations
1	Conflict over the Eukaryote Root Resides in Strong Outliers, Mosaics and Missing Data Sensitivity of Site-Specific (CAT) Mixture Models. Systematic Biology, 2023, 72, 1-16.	5.6	11
2	Acaricidal activity against Ixodes ricinus nymphs of essential oils from the Libyan plants Artemisia herba alba, Origanum majorana and Juniperus phoenicea. Veterinary Parasitology: Regional Studies and Reports, 2021, 24, 100575.	0.5	6
3	Dictyostelium, the Social Amoeba. , 2019, , 63-72.		0
4	The repellency and toxicity effects of essential oils from the Libyan plants Salvadora persica and Rosmarinus officinalis against nymphs of Ixodes ricinus. Experimental and Applied Acarology, 2019, 77, 585-599.	1.6	15
5	A Deep Hidden Diversity of Dictyostelia. Protist, 2018, 169, 64-78.	1.5	10
6	A New Classification of the Dictyostelids. Protist, 2018, 169, 1-28.	1.5	52
7	Specificity in Arabidopsis thaliana recruitment of root fungal communities from soil and rhizosphere. Fungal Biology, 2018, 122, 231-240.	2.5	58
8	New dictyostelid cellular slime molds from South Africa. Phytotaxa, 2018, 383, 233.	0.3	3
9	Dictyostelia. , 2017, , 1433-1477.		3
10	Dictyostelia. , 2017, , 1-45.		1
11	Reducing long-branch effects in multi-protein data uncovers a close relationship between Alveolata and Rhizaria. Molecular Phylogenetics and Evolution, 2016, 101, 1-7.	2.7	25
12	Multiple Origins of Eukaryoticcox15Suggest Horizontal Gene Transfer from Bacteria to Jakobid Mitochondrial DNA. Molecular Biology and Evolution, 2016, 33, 122-133.	8.9	21
13	Root of Dictyostelia based on 213 universal proteins. Molecular Phylogenetics and Evolution, 2015, 92, 53-62.	2.7	16
14	Missing Genes, Multiple ORFs, and C-to-U Type RNA Editing in Acrasis kona (Heterolobosea, Excavata) Mitochondrial DNA. Genome Biology and Evolution, 2014, 6, 2240-2257.	2.5	26
15	An Alternative Root for the Eukaryote Tree of Life. Current Biology, 2014, 24, 465-470.	3.9	196
16	Evolution of protein indels in plants, animals and fungi. BMC Evolutionary Biology, 2013, 13, 140.	3.2	58
17	Diversity of dictyostelid social amoebae in high latitude habitats of Northern Sweden. Fungal Diversity, 2013, 58, 185-198.	12.3	16
18	The Evolutionary Origin of Animals and Fungi. Social and Ecological Interactions in the Galapagos Islands, 2013, , 73-106.	0.4	3

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19	Did Terrestrial Diversification of Amoebas (Amoebozoa) Occur in Synchrony with Land Plants?. PLoS ONE, 2013, 8, e74374.	2.5	48
20	SeqFIRE: a web application for automated extraction of indel regions and conserved blocks from protein multiple sequence alignments. Nucleic Acids Research, 2012, 40, W340-W347.	14.5	19
21	Whatâ€™s on your boots: an investigation into the role we play in protist dispersal. Journal of Biogeography, 2012, 39, 998-1003.	3.0	14
22	Evolution and Diversity of Dictyostelid Social Amoebae. Protist, 2012, 163, 327-343.	1.5	25
23	An expanded phylogeny of social amoebas (Dictyostelia) shows increasing diversity and new morphological patterns. BMC Evolutionary Biology, 2011, 11, 84.	3.2	58
24	Evolution of Elongation Factor G and the Origins of Mitochondrial and Chloroplast Forms. Molecular Biology and Evolution, 2011, 28, 1281-1292.	8.9	37
25	New species of dictyostelids from Patagonia and Tierra del Fuego, Argentina. Mycologia, 2011, 103, 101-117.	1.9	18
26	Deep Phylogeny and Evolution of Slime Moulds (Mycetozoa). Protist, 2010, 161, 55-70.	1.5	122
27	A Fully Resolved Phylogeny of the Social Amoebas (Dictyostelia) Based on Combined SSU and ITS rDNA Sequences. Protist, 2010, 161, 539-548.	1.5	24
28	The origins of species richness in the Hymenoptera: insights from a family-level supertree. BMC Evolutionary Biology, 2010, 10, 109.	3.2	70
29	Conserved Meiotic Genes Point to Sex in the Choanoflagellates. Journal of Eukaryotic Microbiology, 2010, 57, 56-62.	1.7	36
30	Many hexapod groups originated earlier and withstood extinction events better than previously realized: inferences from supertrees. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1597-1606.	2.6	32
31	Evolution of dark-spored Myxomycetes (slime-molds): Molecules versus morphology. Molecular Phylogenetics and Evolution, 2008, 46, 878-889.	2.7	96
32	The minimum information about a genome sequence (MIGS) specification. Nature Biotechnology, 2008, 26, 541-547.	17.5	1,069
33	Evolution of nonstop, no-go and nonsense-mediated mRNA decay and their termination factor-derived components. BMC Evolutionary Biology, 2008, 8, 290.	3.2	91
34	A new genus, Helgoeca gen. nov., for a nudiform choanoflagellate. European Journal of Protistology, 2008, 44, 227-237.	1.5	27
35	Three Families of LTR Retrotransposons are Present in the Genome of the Choanoflagellate Monosiga brevicollis. Protist, 2008, 159, 579-590.	1.5	17
36	Molecular phylogeny of choanoflagellates, the sister group to Metazoa. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16641-16646.	7.1	204

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37	Photosynthesis and the Eukaryote Tree of Life. , 2007, , 75-107.		19
38	Comparative genomic analysis of three Leishmania species that cause diverse human disease. Nature Genetics, 2007, 39, 839-847.	21.4	648
39	The Response of Avian Feeding Guilds to Tropical Forest Disturbance. Conservation Biology, 2007, 21, 133-141.	4.7	202
40	The Protistan Origins of Animals and Fungi. Molecular Biology and Evolution, 2006, 23, 93-106.	8.9	283
41	Molecular Phylogeny and Evolution of Morphology in the Social Amoebas. Science, 2006, 314, 661-663.	12.6	232
42	Higherâ€Order Phylogeny of Plasmodial Slime Molds (Myxogastria) Based on Elongation Factor 1â€A and Small Subunit rRNA Gene Sequences. Journal of Eukaryotic Microbiology, 2005, 52, 201-210.	1.7	84
43	Evolutionary origin of cAMP-based chemoattraction in the social amoebae. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6385-6390.	7.1	67
44	Phylogeny for the faint of heart: a tutorial. Trends in Genetics, 2003, 19, 345-351.	6.7	179
45	The Deep Roots of Eukaryotes. Science, 2003, 300, 1703-1706.	12.6	705
46	Plant Expansins Are a Complex Multigene Family with an Ancient Evolutionary Origin. Plant Physiology, 2002, 128, 854-864.	4.8	199
47	Extensive Fungal Diversity in Plant Roots. Science, 2002, 295, 2051-2051.	12.6	381
48	Lateral Transfer of an EF-1Î± Gene. Current Biology, 2002, 12, 772-776.	3.9	29
49	A Kingdom-Level Phylogeny of Eukaryotes Based on Combined Protein Data. Science, 2000, 290, 972-977.	12.6	1,127
50	Life, the universe and almost everthing. Trends in Biochemical Sciences, 1999, 24, 325.	7.5	5
51	A Search for the Origins of Animals and Fungi: Comparing and Combining Molecular Data. American Naturalist, 1999, 154, S178-S188.	2.1	101
52	Origin and evolution of the slime molds (Mycetozoa). Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 12007-12012.	7.1	281
53	The root of the universal tree and the origin of eukaryotes based on elongation factor phylogeny.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7749-7754.	7.1	250
54	An infB-Homolog in Sulfolobus acidocaldarius. Systematic and Applied Microbiology, 1996, 19, 312-321.	2.8	6

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55	Elongation factor 1? genes of the red alga Porphyra purpurea include a novel, developmentally specialized variant. Plant Molecular Biology, 1996, 31, 77-85.	3.9	24
56	Animals and fungi are each other's closest relatives: congruent evidence from multiple proteins.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 11558-11562.	7.1	526
57	Evolutionary transfer of the chloroplast tufA gene to the nucleus. Nature, 1990, 344, 262-265.	27.8	227