

Sandra L Baldauf

List of Publications by Year in descending order

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Version: 2024-02-01

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	A Kingdom-Level Phylogeny of Eukaryotes Based on Combined Protein Data. <i>Science</i> , 2000, 290, 972-977.	12.6	1,127
2	The minimum information about a genome sequence (MIGS) specification. <i>Nature Biotechnology</i> , 2008, 26, 541-547.	17.5	1,069
3	The Deep Roots of Eukaryotes. <i>Science</i> , 2003, 300, 1703-1706.	12.6	705
4	Comparative genomic analysis of three <i>Leishmania</i> species that cause diverse human disease. <i>Nature Genetics</i> , 2007, 39, 839-847.	21.4	648
5	Animals and fungi are each other's closest relatives: congruent evidence from multiple proteins.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 11558-11562.	7.1	526
6	Extensive Fungal Diversity in Plant Roots. <i>Science</i> , 2002, 295, 2051-2051.	12.6	381
7	The Protistan Origins of Animals and Fungi. <i>Molecular Biology and Evolution</i> , 2006, 23, 93-106.	8.9	283
8	Origin and evolution of the slime molds (Mycetozoa). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 12007-12012.	7.1	281
9	The root of the universal tree and the origin of eukaryotes based on elongation factor phylogeny.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 7749-7754.	7.1	250
10	Molecular Phylogeny and Evolution of Morphology in the Social Amoebas. <i>Science</i> , 2006, 314, 661-663.	12.6	232
11	Evolutionary transfer of the chloroplast <i>tufA</i> gene to the nucleus. <i>Nature</i> , 1990, 344, 262-265.	27.8	227
12	Molecular phylogeny of choanoflagellates, the sister group to Metazoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16641-16646.	7.1	204
13	The Response of Avian Feeding Guilds to Tropical Forest Disturbance. <i>Conservation Biology</i> , 2007, 21, 133-141.	4.7	202
14	Plant Expansins Are a Complex Multigene Family with an Ancient Evolutionary Origin. <i>Plant Physiology</i> , 2002, 128, 854-864.	4.8	199
15	An Alternative Root for the Eukaryote Tree of Life. <i>Current Biology</i> , 2014, 24, 465-470.	3.9	196
16	Phylogeny for the faint of heart: a tutorial. <i>Trends in Genetics</i> , 2003, 19, 345-351.	6.7	179
17	Deep Phylogeny and Evolution of Slime Moulds (Mycetozoa). <i>Protist</i> , 2010, 161, 55-70.	1.5	122
18	A Search for the Origins of Animals and Fungi: Comparing and Combining Molecular Data. <i>American Naturalist</i> , 1999, 154, S178-S188.	2.1	101

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19	Evolution of dark-spored Myxomycetes (slime-molds): Molecules versus morphology. <i>Molecular Phylogenetics and Evolution</i> , 2008, 46, 878-889.	2.7	96
20	Evolution of nonstop, no-go and nonsense-mediated mRNA decay and their termination factor-derived components. <i>BMC Evolutionary Biology</i> , 2008, 8, 290.	3.2	91
21	Higher-Order Phylogeny of Plasmodial Slime Molds (Myxogastria) Based on Elongation Factor 1 α and Small Subunit rRNA Gene Sequences. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 201-210.	1.7	84
22	The origins of species richness in the Hymenoptera: insights from a family-level supertree. <i>BMC Evolutionary Biology</i> , 2010, 10, 109.	3.2	70
23	Evolutionary origin of cAMP-based chemoattraction in the social amoebae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6385-6390.	7.1	67
24	An expanded phylogeny of social amoebas (Dictyostelia) shows increasing diversity and new morphological patterns. <i>BMC Evolutionary Biology</i> , 2011, 11, 84.	3.2	58
25	Evolution of protein indels in plants, animals and fungi. <i>BMC Evolutionary Biology</i> , 2013, 13, 140.	3.2	58
26	Specificity in <i>Arabidopsis thaliana</i> recruitment of root fungal communities from soil and rhizosphere. <i>Fungal Biology</i> , 2018, 122, 231-240.	2.5	58
27	A New Classification of the Dictyostelids. <i>Protist</i> , 2018, 169, 1-28.	1.5	52
28	Did Terrestrial Diversification of Amoebas (Amoebozoa) Occur in Synchrony with Land Plants?. <i>PLoS ONE</i> , 2013, 8, e74374.	2.5	48
29	Evolution of Elongation Factor G and the Origins of Mitochondrial and Chloroplast Forms. <i>Molecular Biology and Evolution</i> , 2011, 28, 1281-1292.	8.9	37
30	Conserved Meiotic Genes Point to Sex in the Choanoflagellates. <i>Journal of Eukaryotic Microbiology</i> , 2010, 57, 56-62.	1.7	36
31	Many hexapod groups originated earlier and withstood extinction events better than previously realized: inferences from supertrees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1597-1606.	2.6	32
32	Lateral Transfer of an EF-1 β Gene. <i>Current Biology</i> , 2002, 12, 772-776.	3.9	29
33	A new genus, <i>Helgoeca</i> gen. nov., for a nudiform choanoflagellate. <i>European Journal of Protistology</i> , 2008, 44, 227-237.	1.5	27
34	Missing Genes, Multiple ORFs, and C-to-U Type RNA Editing in <i>Acrasis kona</i> (Heterolobosea, Excavata) Mitochondrial DNA. <i>Genome Biology and Evolution</i> , 2014, 6, 2240-2257.	2.5	26
35	Evolution and Diversity of Dictyostelid Social Amoebae. <i>Protist</i> , 2012, 163, 327-343.	1.5	25
36	Reducing long-branch effects in multi-protein data uncovers a close relationship between Alveolata and Rhizaria. <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 1-7.	2.7	25

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37	Elongation factor 1? genes of the red alga <i>Porphyra purpurea</i> include a novel, developmentally specialized variant. <i>Plant Molecular Biology</i> , 1996, 31, 77-85.	3.9	24
38	A Fully Resolved Phylogeny of the Social Amoebas (Dictyostelia) Based on Combined SSU and ITS rDNA Sequences. <i>Protist</i> , 2010, 161, 539-548.	1.5	24
39	Multiple Origins of Eukaryotic <i>cox15</i> Suggest Horizontal Gene Transfer from Bacteria to Jakobid Mitochondrial DNA. <i>Molecular Biology and Evolution</i> , 2016, 33, 122-133.	8.9	21
40	Photosynthesis and the Eukaryote Tree of Life. , 2007, , 75-107.		19
41	SeqFIRE: a web application for automated extraction of indel regions and conserved blocks from protein multiple sequence alignments. <i>Nucleic Acids Research</i> , 2012, 40, W340-W347.	14.5	19
42	New species of dictyostelids from Patagonia and Tierra del Fuego, Argentina. <i>Mycologia</i> , 2011, 103, 101-117.	1.9	18
43	Three Families of LTR Retrotransposons are Present in the Genome of the Choanoflagellate <i>Monosiga brevicollis</i> . <i>Protist</i> , 2008, 159, 579-590.	1.5	17
44	Diversity of dictyostelid social amoebae in high latitude habitats of Northern Sweden. <i>Fungal Diversity</i> , 2013, 58, 185-198.	12.3	16
45	Root of Dictyostelia based on 213 universal proteins. <i>Molecular Phylogenetics and Evolution</i> , 2015, 92, 53-62.	2.7	16
46	The repellency and toxicity effects of essential oils from the Libyan plants <i>Salvadora persica</i> and <i>Rosmarinus officinalis</i> against nymphs of <i>Ixodes ricinus</i> . <i>Experimental and Applied Acarology</i> , 2019, 77, 585-599.	1.6	15
47	What's on your boots: an investigation into the role we play in protist dispersal. <i>Journal of Biogeography</i> , 2012, 39, 998-1003.	3.0	14
48	Conflict over the Eukaryote Root Resides in Strong Outliers, Mosaics and Missing Data Sensitivity of Site-Specific (CAT) Mixture Models. <i>Systematic Biology</i> , 2023, 72, 1-16.	5.6	11
49	A Deep Hidden Diversity of Dictyostelia. <i>Protist</i> , 2018, 169, 64-78.	1.5	10
50	An infB-Homolog in <i>Sulfolobus acidocaldarius</i> . <i>Systematic and Applied Microbiology</i> , 1996, 19, 312-321.	2.8	6
51	Acaricidal activity against <i>Ixodes ricinus</i> nymphs of essential oils from the Libyan plants <i>Artemisia herba alba</i> , <i>Origanum majorana</i> and <i>Juniperus phoenicea</i> . <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2021, 24, 100575.	0.5	6
52	Life, the universe and almost everything. <i>Trends in Biochemical Sciences</i> , 1999, 24, 325.	7.5	5
53	The Evolutionary Origin of Animals and Fungi. <i>Social and Ecological Interactions in the Galapagos Islands</i> , 2013, , 73-106.	0.4	3
54	Dictyostelia. , 2017, , 1433-1477.		3

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55	New dictyostelid cellular slime molds from South Africa. <i>Phytotaxa</i> , 2018, 383, 233.	0.3	3
56	<i>Dictyostelia</i> . , 2017, , 1-45.		1
57	<i>Dictyostelium</i> , the Social Amoeba. , 2019, , 63-72.		0