

David J Patterson

List of Publications by Year in descending order

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78
papers

4,022
citations

109321

35
h-index

123424

61
g-index

82
all docs

82
docs citations

82
times ranked

2726
citing authors

#	ARTICLE	IF	CITATIONS
1	From Reductionism to Reintegration: Solving society's most pressing problems requires building bridges between data types across the life sciences. <i>PLoS Biology</i> , 2021, 19, e3001129.	5.6	6
2	â€œgnparserâ€ a powerful parser for scientific names based on Parsing Expression Grammar. <i>BMC Bioinformatics</i> , 2017, 18, 279.	2.6	14
3	Open exchange of scientific knowledge and European copyright: The case of biodiversity information. <i>ZooKeys</i> , 2014, 414, 109-135.	1.1	17
4	Scientific names of organisms: attribution, rights, and licensing. <i>BMC Research Notes</i> , 2014, 7, 79.	1.4	26
5	Evolution of Archamoebae: Morphological and Molecular Evidence for Pelobionts Including <i>Rhizomastix</i> , <i>Entamoeba</i> , <i>Iodamoeba</i> , and <i>Endolimax</i> . <i>Protist</i> , 2013, 164, 380-410.	1.5	42
6	Fine Structure of <i>Telonema subtilis</i> Griessmann, 1913: A Flagellate with a Unique Cytoskeletal Structure Among Eukaryotes. <i>Protist</i> , 2013, 164, 556-569.	1.5	20
7	Transcriptomics and microbial eukaryote diversity: a way forward. <i>Trends in Ecology and Evolution</i> , 2012, 27, 651-652.	8.7	11
8	Biological nomenclature terms for facilitating communication in the naming of organisms. <i>ZooKeys</i> , 2012, 192, 67-72.	1.1	13
9	The Taxonomic Significance of Species That Have Only Been Observed Once: The Genus <i>Gymnodinium</i> (Dinoflagellata) as an Example. <i>PLoS ONE</i> , 2012, 7, e44015.	2.5	43
10	Identity of epibiotic bacteria on symbiontid euglenozoans in O ₂ -depleted marine sediments: evidence for symbiont and host co-evolution. <i>ISME Journal</i> , 2011, 5, 231-243.	9.8	44
11	Data issues in the life sciences. <i>ZooKeys</i> , 2011, 150, 15-51.	1.1	88
12	Broadly Sampled Multigene Analyses Yield a Well-Resolved Eukaryotic Tree of Life. <i>Systematic Biology</i> , 2010, 59, 518-533.	5.6	212
13	Names are key to the big new biology. <i>Trends in Ecology and Evolution</i> , 2010, 25, 686-691.	8.7	159
14	Seeing the Big Picture on Microbe Distribution. <i>Science</i> , 2009, 325, 1506-1507.	12.6	21
15	Multigene Evidence for the Placement of a Heterotrophic Amoeboid Lineage <i>Leukarachnion</i> sp. among Photosynthetic Stramenopiles. <i>Protist</i> , 2009, 160, 376-385.	1.5	36
16	Phylogenetic placement of diverse amoebae inferred from multigene analyses and assessment of clade stability within â€˜Amoebozoaâ€™ upon removal of varying rate classes of SSU-rDNA. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 339-352.	2.7	82
17	Broadly sampled multigene trees of eukaryotes. <i>BMC Evolutionary Biology</i> , 2008, 8, 14.	3.2	130
18	uBioRSS: Tracking taxonomic literature using RSS. <i>Bioinformatics</i> , 2007, 23, 1434-1436.	4.1	23

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19	A Multigene Analysis of <i>Corallomyxa tenera</i> sp. nov. Suggests its Membership in a Clade that Includes <i>Gromia</i> , <i>Haplosporidia</i> and <i>Foraminifera</i> . <i>Protist</i> , 2007, 158, 457-472.	1.5	28
20	<i>Bysmatrum teres</i> sp. nov., a new sand-dwelling dinoflagellate from north-western Australia. <i>Phycologia</i> , 2006, 45, 161-167.	1.4	14
21	Evaluating Support for the Current Classification of Eukaryotic Diversity. <i>PLoS Genetics</i> , 2006, 2, e220.	3.5	148
22	PHYLOGENETICS OF <i>RHINODINIUM BROOMEENSE</i> GEN. ET SP. NOV., A PERIDINIOID, SAND-DWELLING DINOFLAGELLATE (DINOPHYCEAE). <i>Journal of Phycology</i> , 2006, 42, 934-942.	2.3	28
23	Taxonomic Informatics Tools for the Electronic Nomenclator <i>Zoologicus</i> . <i>Biological Bulletin</i> , 2006, 210, 18-24.	1.8	13
24	Taxonomic Indexing – Extending the Role of Taxonomy. <i>Systematic Biology</i> , 2006, 55, 367-373.	5.6	38
25	Improving the Analysis of Dinoflagellate Phylogeny based on rDNA. <i>Protist</i> , 2005, 156, 269-286.	1.5	85
26	<i>Cabra matta</i> , gen. nov., sp. nov., a new benthic, heterotrophic dinoflagellate. <i>European Journal of Phycology</i> , 2004, 39, 229-234.	2.0	29
27	Free-living heterotrophic euglenids from freshwater sites in mainland Australia. <i>Hydrobiologia</i> , 2003, 493, 131-166.	2.0	25
28	Darwin's heterotrophic flagellates. <i>Ophelia</i> , 2003, 57, 63-98.	0.3	44
29	PHYLOGENY OF PHAGOTROPHIC EUGLENIDS (EUGLENOZOA): A MOLECULAR APPROACH BASED ON CULTURE MATERIAL AND ENVIRONMENTAL SAMPLES 1. <i>Journal of Phycology</i> , 2003, 39, 828-836.	2.3	26
30	Progressing towards a biological names register. <i>Nature</i> , 2003, 422, 661-661.	27.8	12
31	Evolutionary History of "Early-Diverging" Eukaryotes: The Excavate Taxon <i>Carpediomonas</i> is a Close Relative of <i>Giardia</i> 1. <i>Molecular Biology and Evolution</i> , 2002, 19, 1782-1791.	8.9	90
32	The benthic dinoflagellate genus <i>Amphidinium</i> in south-eastern Australian waters, including three new species. <i>European Journal of Phycology</i> , 2002, 37, 279-298.	2.0	52
33	<i>Amphidiniopsis korewalensis</i> sp. nov., a new heterotrophic benthic dinoflagellate. <i>Phycologia</i> , 2002, 41, 382-388.	1.4	28
34	Pelobionts are Degenerate Protists: Insights from Molecules and Morphology 1. <i>Molecular Biology and Evolution</i> , 2002, 19, 978-982.	8.9	29
35	On Core Jakobids and Excavate Taxa: The Ultrastructure of <i>Jakoba incarcerata</i> . <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 480-492.	1.7	54
36	Ultrastructural identities of <i>Mastigamoeba punctachora</i> , <i>Mastigamoeba simplex</i> and <i>Mastigella commutans</i> and assessment of hypotheses of relatedness of the pelobionts (Protista). <i>European Journal of Protistology</i> , 2001, 37, 25-49.	1.5	43

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37	The ultrastructure of <i>Trimastix marina</i> Kent 1880 (Eukaryota), an excavate flagellate. <i>European Journal of Protistology</i> , 2000, 36, 229-251.	1.5	41
38	Some free-living flagellates (protista) from anoxic habitats. <i>Ophelia</i> , 2000, 52, 113-142.	0.3	116
39	Heterotrophic flagellates (Protista) from marine sediments of Botany Bay, Australia. <i>Journal of Natural History</i> , 2000, 34, 483-562.	0.5	98
40	The ultrastructure of <i>Carpediemonas membranifera</i> (Eukaryota) with reference to the "excavate hypothesis". <i>European Journal of Protistology</i> , 1999, 35, 353-370.	1.5	104
41	The Diversity of Eukaryotes. <i>American Naturalist</i> , 1999, 154, S96-S124.	2.1	274
42	10th International Congress of Protozoology. <i>European Journal of Protistology</i> , 1998, 34, 237-238.	1.5	0
43	Diversity and Geographic Distribution of Free-Living Heterotrophic Flagellates " Analysis by PRIMER. <i>Protist</i> , 1998, 149, 229-244.	1.5	83
44	Some Heterotrophic Flagellates from a Cultivated Garden Soil in Australia. <i>Archiv für Protistenkunde</i> , 1997, 148, 461-478.	0.8	79
45	An ultrastructural study of a free-living retortamonad, <i>Chilomastix cuspidata</i> (Larsen & Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50, 142 Td (P	1.5	42
46	The organisation of <i>Mastigamoeba schizophrenia</i> n. sp.: More evidence of ultrastructural idiosyncrasy and simplicity in pelobiont protists. <i>European Journal of Protistology</i> , 1997, 33, 87-98.	1.5	51
47	The ultrastructure and systematic position of the euglenozoon <i>Postgaardi mariagerensis</i> , Fenchel et al.. <i>Archiv für Protistenkunde</i> , 1997, 147, 213-225.	0.8	54
48	Heterotrophic flagellates, centrohelid heliozoa and filose amoebae from marine and freshwater sites in the Antarctic. <i>Polar Biology</i> , 1997, 18, 91-106.	1.2	58
49	Ultrastructure and identification of the predatory flagellate <i>Colpodella pugnax</i> Cienkowski (Apicomplexa) with a description of <i>Colpodella turpis</i> n. sp. and a review of the genus. <i>Systematic Parasitology</i> , 1996, 33, 187-198.	1.1	68
50	Heterotrophic flagellates from coastal marine and hypersaline sediments in Western Australia. <i>European Journal of Protistology</i> , 1996, 32, 423-448.	1.5	125
51	The flagellar apparatus of <i>Cafeteria roenbergensis</i> Fenchel & Patterson, 1988 (Bicosoecales =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50, 142 Td (P	1.5	31
52	<i>Adriamonas peritocrescens</i> gen. nov., sp. nov., a new free-living soil flagellate (Protista,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50, 142 Td (P	1.5	18
53	The Current Status of the Free-Living Heterotrophic Flagellates. <i>Journal of Eukaryotic Microbiology</i> , 1993, 40, 606-609.	1.7	19
54	Heterotrophic flagellates and other protists associated with oceanic detritus throughout the water column in the mid North Atlantic. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1993, 73, 67-95.	0.8	145

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55	A Perspective on Protistan Nomenclature. <i>Journal of Protozoology</i> , 1992, 39, 125-131.	0.8	27
56	<i>Jakoba libera</i> (Ruinen, 1938), a heterotrophic flagellate from deep oceanic sediments. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1990, 70, 381-393.	0.8	54
57	The Fine Structure of the Cortex of the Protist <i>Protoopalina australis</i> (Slopalinida, Opalinidae) from <i>Litoria nasuta</i> and <i>Litoria inermis</i> (Amphibia: Anura: Hylidae) in Queensland, Australia. <i>Journal of Protozoology</i> , 1990, 37, 449-455.	0.8	22
58	Some flagellates (Protista) from tropical marine sediments. <i>Journal of Natural History</i> , 1990, 24, 801-937.	0.5	306
59	A cytological study of <i>Aulacomonas submarina</i> Skuja 1939, a heterotrophic flagellate with a novel ultrastructural identity. <i>European Journal of Protistology</i> , 1990, 25, 191-199.	1.5	18
60	The ultrastructural identity of <i>Stephanopogon apogon</i> and the relatedness of the genus to other kinds of protists. <i>European Journal of Protistology</i> , 1988, 23, 279-290.	1.5	40
61	The evolution of Protozoa. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1988, 83, 580-600.	1.6	28
62	A light and electron microscopic study of a new species of centroheliozoon, <i>Chlamydaster fimbriatus</i> . <i>Tissue and Cell</i> , 1987, 19, 365-376.	2.2	11
63	The Ultrastructure of <i>Vampyrellidium perforans</i> Surek & Melkonian and Its Taxonomic Position Among the Naked Filose Amoebozoa. <i>Journal of Protozoology</i> , 1987, 34, 63-67.	0.8	19
64	<i>Percolomonas cosmopolitus</i> (Ruinen) n.gen., a new type of filter feeding flagellate from marine plankton. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1986, 66, 465-482.	0.8	57
65	Insights into the evolution of heliozoa (Protozoa, Sarcodina) as provided by ultrastructural studies on a new species of flagellate from the genus <i>Pteridomonas</i> . <i>Biological Journal of the Linnean Society</i> , 1985, 24, 381-403.	1.6	52
66	On the Organization and Affinities of the Amoeba, <i>Pompholyxophrys punicea</i> Archer, Based on Ultrastructural Examination of Individual Cells from Wild Material. <i>Journal of Protozoology</i> , 1985, 32, 241-246.	0.8	29
67	The Genus <i>Nuclearia</i> (Sarcodina, Filosea): Species Composition and Characteristics of the Taxa. <i>Archiv für Protistenkunde</i> , 1984, 128, 127-139.	0.8	28
68	On the Organization of the Naked Filose Amoeba, <i>Nuclearia moebiusi</i> Frenzel, 1897 (Sarcodina, Filosea) and Its Implications. <i>Journal of Protozoology</i> , 1983, 30, 301-307.	0.8	27
69	Morulate bodies in Actinophryid heliozoa: A fixation artefact derived from microtubules?. <i>Cell Structure and Function</i> , 1982, 7, 341-348.	1.1	4
70	Pseudopod formation and membrane production during prey capture by a heliozoon (feeding by) Tj ETQq0 0 0 rgBT Overlock 10 Tf 50	1.8	28
71	The behaviour of contractile vacuole complexes of cryptophycean flagellates. <i>British Phycological Journal</i> , 1981, 16, 429-439.	1.2	22
72	The behaviour of cilia and ciliates. <i>Journal of Biological Education</i> , 1981, 15, 192-202.	1.5	3

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73	Structure and Elemental Composition of the Cyst Wall of <i>Echinospaerium nucleofilum</i> Barrett (Heliozoa, Actinophryida) 1. <i>Journal of Protozoology</i> , 1981, 28, 188-192.	0.8	11
74	Behavior of the Contractile Vacuole of <i>Tetrahymena pyriformis</i> W: A Redescription with Comments on the Terminology. <i>Journal of Protozoology</i> , 1976, 23, 410-417.	0.8	22
75	Habituation in a Protozoan <i>Vorticella Conyallaria</i> . <i>Behaviour</i> , 1973, 45, 304-311.	0.8	11
76	Finding scientific names in Biodiversity Heritage Library, or how to shrink Big Data. <i>Biodiversity Information Science and Standards</i> , 0, 3, .	0.0	1
77	Data Policy Recommendations for Biodiversity Data. EU BON Project Report. <i>Research Ideas and Outcomes</i> , 0, 2, .	1.0	9
78	Copyright and the Use of Images as Biodiversity Data. <i>Research Ideas and Outcomes</i> , 0, 3, .	1.0	11