

Mark E Siddall

List of Publications by Year in descending order

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78
papers

4,246
citations

147801

31
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114465

63
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78
all docs

78
docs citations

78
times ranked

3958
citing authors

#	ARTICLE	IF	CITATIONS
1	The unholy trinity: taxonomy, species delimitation and DNA barcoding. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1905-1916.	4.0	775
2	Recent Advances in Our Knowledge of the Myxozoa. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 395-413.	1.7	524
3	Higher Level Relationships of Leeches (Annelida: Clitellata: Euhirudinea) Based on Morphology and Gene Sequences. <i>Molecular Phylogenetics and Evolution</i> , 1999, 12, 350-359.	2.7	234
4	A molecular phylogeny of annelids. <i>Cladistics</i> , 2007, 23, 41-63.	3.3	230
5	Validating Livanow: Molecular Data Agree That Leeches, Branchiobdellidans, and Acanthobdella peledina Form a Monophyletic Group of Oligochaetes. <i>Molecular Phylogenetics and Evolution</i> , 2001, 21, 346-351.	2.7	154
6	Diverse molecular data demonstrate that commercially available medicinal leeches are not <i>Hirudo medicinalis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1481-1487.	2.6	146
7	Arhynchobdellida (Annelida: Oligochaeta: Hirudinida): phylogenetic relationships and evolution. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 213-225.	2.7	136
8	A phylogenomic framework, evolutionary timeline and genomic resources for comparative studies of decapod crustaceans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190079.	2.6	126
9	The phylogenetic position of Siboglinidae (Annelida) inferred from 18S rRNA, 28S rRNA and morphological data. <i>Cladistics</i> , 2004, 20, 518-533.	3.3	111
10	iDNA from terrestrial haematophagous leeches as a wildlife surveying and monitoring tool – prospects, pitfalls and avenues to be developed. <i>Frontiers in Zoology</i> , 2015, 12, 24.	2.0	89
11	Genome assembly and geospatial phylogenomics of the bed bug <i>Cimex lectularius</i> . <i>Nature Communications</i> , 2016, 7, 10164.	12.8	79
12	Poly-paraphyly of Hirudinidae: many lineages of medicinal leeches. <i>BMC Evolutionary Biology</i> , 2009, 9, 246.	3.2	76
13	Systematics and evolution of syllids (Annelida, Syllidae). <i>Cladistics</i> , 2012, 28, 234-250.	3.3	67
14	Worms that suck: Phylogenetic analysis of Hirudinea solidifies the position of Acanthobdellida and necessitates the dissolution of Rhynchobdellida. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 129-134.	2.7	61
15	Barcoding Bamboozled by Bacteria: Convergence to Metazoan Mitochondrial Primer Targets by Marine Microbes. <i>Systematic Biology</i> , 2009, 58, 445-451.	5.6	60
16	Salivary Transcriptome of the North American Medicinal Leech, <i>Macrobdella decora</i> . <i>Journal of Parasitology</i> , 2010, 96, 1211-1221.	0.7	59
17	Phylogeny and revision of the leech genus <i>Helobdella</i> (Glossiphoniidae) based on mitochondrial gene sequences and morphological data and a special consideration of the triserialis complex. <i>Zoologica Scripta</i> , 2003, 32, 23-33.	1.7	58
18	Unringing a bell: metazoan phylogenomics and the partition bootstrap. <i>Cladistics</i> , 2010, 26, 444-452.	3.3	54

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19	Diversity and selective pressures of anticoagulants in three medicinal leeches (Hirudinida: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.9	48
20	Observations on the Leech <i>Placobdella ornata</i> Feeding From Bony Tissues of Turtles. <i>Journal of Parasitology</i> , 2004, 90, 1186-1188.	0.7	47
21	Horizontal transfer of retrotransposons between bivalves and other aquatic species of multiple phyla. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4227-E4235.	7.1	47
22	Phylogeny of Syllidae (Polychaeta) based on combined molecular analysis of nuclear and mitochondrial genes. <i>Cladistics</i> , 2007, 23, 071011100832001-???	3.3	45
23	Debugging diversity â€“ a panâ€‘continental exploration of the potential of terrestrial bloodâ€‘feeding leeches as a vertebrate monitoring tool. <i>Molecular Ecology Resources</i> , 2018, 18, 1282-1298.	4.8	45
24	Phylogenomics of <i>annelida</i> revisited: a cladistic approach using genomeâ€‘wide expressed sequence tag data mining and examining the effects of missing data. <i>Cladistics</i> , 2013, 29, 435-448.	3.3	44
25	Measures of stratigraphic fit to phylogeny and their sensitivity to tree size, tree shape, and scale. <i>Cladistics</i> , 2004, 20, 64-75.	3.3	42
26	DNA-barcoding evidence for widespread introductions of a leech from the South American <i>Helobdella triserialis</i> complex. <i>Conservation Genetics</i> , 2005, 6, 467-472.	1.5	41
27	Bloodlines: mammals, leeches, and conservation in southern Asia. <i>Systematics and Biodiversity</i> , 2018, 16, 488-496.	1.2	39
28	Insights into the evolutionary history of Indo-Pacific bloodfeeding terrestrial leeches (Hirudinida:Rhynchobdellida:Haemadipsidae). <i>Invertebrate Systematics</i> , 2010, 24, 456.	1.3	37
29	<i>Tyrannobdella rex</i> N. Gen. N. Sp. and the Evolutionary Origins of Mucosal Leech Infestations. <i>PLoS ONE</i> , 2010, 5, e10057.	2.5	37
30	Using terrestrial haematophagous leeches to enhance tropical biodiversity monitoring programmes in Bangladesh. <i>Journal of Applied Ecology</i> , 2018, 55, 2071-2081.	4.0	36
31	The Road To Cnidaria: History of Phylogeny of the Myxozoa. <i>Journal of Parasitology</i> , 2015, 101, 269-274.	0.7	35
32	Characterization of the Digestive-Tract Microbiota of <i>Hirudo orientalis</i> , a European Medicinal Leech. <i>Applied and Environmental Microbiology</i> , 2008, 74, 6151-6154.	3.1	34
33	Comparative Transcriptomic Analyses of Three Species of <i>Placobdella</i> (Rhynchobdellida: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102, 143-150.	0.7	34
34	Bacterial symbiont and salivary peptide evolution in the context of leech phylogeny. <i>Parasitology</i> , 2011, 138, 1815-1827.	1.5	33
35	Pyrosequencing the salivary transcriptome of <i>Haemadipsa interrupta</i> (Annelida: Clitellata: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 in leeches. <i>Invertebrate Biology</i> , 2014, 133, 74-98.	0.9	33
36	Phylogenetic analysis of <i>Placobdella</i> (Hirudinea: Rhynchobdellida: Glossiphoniidae) with consideration of COI variation. <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 234-248.	2.7	30

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37	Leech mycetome endosymbionts are a new lineage of alphaproteobacteria related to the Rhizobiaceae. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 178-186.	2.7	29
38	Transformational Principles for NEON Sampling of Mammalian Parasites and Pathogens: A Response to Springer and Colleagues. <i>BioScience</i> , 2016, 66, 917-919.	4.9	28
39	Description of a soft-bodied invertebrate with microcomputed tomography and revision of the genus <i>Chtonobdella</i> (Hirudinea: Haemadipsidae). <i>Zoologica Scripta</i> , 2016, 45, 552-565.	1.7	27
40	Draft genome of the European medicinal leech <i>Hirudo medicinalis</i> (Annelida, Clitellata). <i>Genome Biology and Evolution</i> , 2016, 8, 1050-1062.	3.3	27
41	In silico hybridization enables transcriptomic illumination of the nature and evolution of Myxozoa. <i>BMC Genomics</i> , 2015, 16, 840.	2.8	22
42	Philosophy and Phylogenetic Inference: A Comparison of Likelihood and Parsimony Methods in the Context of Karl Popper's Writings on Corroboration. <i>Cladistics</i> , 2001, 17, 395-399.	3.3	21
43	Novel Role for <i>Aeromonas jandaei</i> as a Digestive Tract Symbiont of the North American Medicinal Leech. <i>Applied and Environmental Microbiology</i> , 2007, 73, 655-658.	3.1	20
44	Genome-wide search for leech antiplatelet proteins in the non-blood-feeding leech <i>Helobdella robusta</i> (Rhyncobdellida: Glossiphoniidae) reveals evidence of secreted anticoagulants. <i>Invertebrate Biology</i> , 2011, 130, 344-350.	0.9	20
45	Brooks Parsimony Analysis: a valiant failure. <i>Cladistics</i> , 2003, 19, 554-564.	3.3	19
46	Characterization of the Digestive Tract Microbiota of <i>Hirudo orientalis</i> (Medicinal Leech) and Antibiotic Resistance Profile. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 408e-418e.	1.4	19
47	A NEW SPECIES OF GLOSSIPHONIID LEECH FROM RANA PRETIOSA (AMPHIBIA: RANIDAE) IN OREGON. <i>Journal of Parasitology</i> , 2006, 92, 855-857.	0.7	18
48	Diversity of features of the female reproductive system and other morphological characters in leeches (Clitellata, Hirudinoidea) in phylogenetic conception. <i>Cladistics</i> , 2014, 30, 540-554.	3.3	18
49	Comparative Mitogenomics of Leeches (Annelida: Clitellata): Genome Conservation and <i>Placobdella</i> -Specific trnD Gene Duplication. <i>PLoS ONE</i> , 2016, 11, e0155441.	2.5	18
50	The transcriptome of the Bermuda fireworm <i>Odontosyllis enopla</i> (Annelida: Syllidae): A unique luciferase gene family and putative epitoky-related genes. <i>PLoS ONE</i> , 2018, 13, e0200944.	2.5	17
51	Applying evolutionary genetics to developmental toxicology and risk assessment. <i>Reproductive Toxicology</i> , 2017, 69, 174-186.	2.9	15
52	Marine Leech Anticoagulant Diversity and Evolution. <i>Journal of Parasitology</i> , 2018, 104, 210-220.	0.7	14
53	Identifying iDNA: Lessons and limitations from leeches in legacy collections. <i>PLoS ONE</i> , 2019, 14, e0212226.	2.5	14
54	Bracing for another decade of deception: the promise of Secondary Brooks Parsimony Analysis. <i>Cladistics</i> , 2005, 21, 90-99.	3.3	13

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55	DNA Barcoding of Parasitic Nematodes: Is it Kosher?. <i>Journal of Parasitology</i> , 2012, 98, 692-694.	0.7	13
56	The Eyes Have It: Long-Distance Dispersal by an Intraorbital Leech Parasite of Birds. <i>Journal of Parasitology</i> , 2013, 99, 1137-1139.	0.7	12
57	Molecular phylogenetic evidence of a haplosporidian parasite infecting the polychaete <i>Syllis nipponica</i> (Imajima, 1966). <i>Parasitology Research</i> , 2006, 99, 309-312.	1.6	11
58	Biological inventory of Ranomafana National Park tetrapods using leech-derived iDNA. <i>European Journal of Wildlife Research</i> , 2019, 65, 1.	1.4	11
59	Computer-Intensive Randomization in Systematics. <i>Cladistics</i> , 2001, 17, S35-S52.	3.3	10
60	When predator becomes prey: investigating the salivary transcriptome of the shark-feeding leech <i>Pontobdella macrothela</i> (Hirudinea: Piscicolidae). <i>Zoological Journal of the Linnean Society</i> , 2016, , .	2.3	10
61	Caught red handed: iDNA points to wild source for CITES-protected contraband leeches. <i>European Journal of Wildlife Research</i> , 2020, 66, 1.	1.4	10
62	Phylogenomics of <i>Reichenowia parasitica</i> , an Alphaproteobacterial Endosymbiont of the Freshwater Leech <i>Placobdella parasitica</i> . <i>PLoS ONE</i> , 2011, 6, e28192.	2.5	10
63	The Origin and Evolution of Antistasin-like Proteins in Leeches (Hirudinida, Clitellata). <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	8
64	Fallacies of false attribution: the defense of BPA by Brooks, Dowling, van Veller, and Hoberg. <i>Cladistics</i> , 2004, 20, 376-377.	3.3	7
65	Leeches from Chiapas, Mexico, with a New Species of <i>Erpobdella</i> (Hirudinida: Erpobdellidae). <i>American Museum Novitates</i> , 2018, 3895, 1-15.	0.6	7
66	Biases in Maximum Likelihood and Parsimony: A Simulation Approach to a 10-taxon Case. <i>Cladistics</i> , 2001, 17, 266-281.	3.3	6
67	Evaluating hypotheses on the origin and diversification of the ringneck snake <i>Diadophis punctatus</i> (Colubridae: Dipsadinae). <i>Zoological Journal of the Linnean Society</i> , 2010, 158, 629-640.	2.3	5
68	The mitogenome of the bed bug <i>Cimex lectularius</i> (Hemiptera: Cimicidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 425-427.	0.4	5
69	Twelve variable microsatellite loci for the North American medicinal leech, <i>Macrobdella decora</i> . <i>Molecular Ecology Notes</i> , 2004, 4, 491-493.	1.7	4
70	Multilocus Metabarcoding of Terrestrial Leech Bloodmeal iDNA Increases Species Richness Uncovered in Surveys of Vertebrate Host Biodiversity. <i>Journal of Parasitology</i> , 2020, 106, 843-853.	0.7	4
71	Isolation and characterization of 14 polymorphic microsatellite loci in the ringneck snake <i>Diadophis punctatus</i> (Colubridae: Dipsadinae). <i>Conservation Genetics</i> , 2010, 11, 1193-1195.	1.5	3
72	RESOLUTION AND INDEPENDENCE—ACCEPTANCE OF THE 2002 HENRY BALDWIN WARD MEDAL. <i>Journal of Parasitology</i> , 2002, 88, 1055-1058.	0.7	2

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73	Brooks Parsimony Analysis: a valiant failure. <i>Cladistics</i> , 2003, 19, 554-564.	3.3	2
74	Philosophy and Phylogenetic Inference: A Comparison of Likelihood and Parsimony Methods in the Context of Karl Popper's Writings on Corroboration. <i>Cladistics</i> , 2001, 17, 395-399.	3.3	1
75	INTRODUCTION OF SHERWIN S. DESSER, RECIPIENT OF THE CLARK P. READ MENTOR AWARD. <i>Journal of Parasitology</i> , 2004, 90, 1204-1204.	0.7	0
76	Problems with the Cladistic Use of Riboprinting. <i>Cladistics</i> , 2001, 17, 290-297.	3.3	0
77	On MaHo. <i>Cladistics</i> , 2011, 27, 335-336.	3.3	0
78	Presidential Address: Reinvention and Resolve. <i>Journal of Parasitology</i> , 2016, 102, 566-571.	0.7	0