

Aslak JÃ¸rgensen

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

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citations

270111

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57
docs citations

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times ranked

1202
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme freeze-tolerance in cryophilic tardigrades relies on controlled ice formation but does not involve significant change in transcription. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 271, 111245.	0.8	8
2	<p>20 years of Zootaxa: Tardigrada (Ecdysozoa: Panarthropoda)</p>. <i>Zootaxa</i> , 2021, 4979, 23-24.	0.2	2
3	Ongoing revision of Echiniscoididae (Heterotardigrada: Echiniscoidea), with the description of a new interstitial species and genus with unique anal structures. <i>Zoological Journal of the Linnean Society</i> , 2020, 188, 663-680.	1.0	13
4	Comparative transcriptomics suggest unique molecular adaptations within tardigrade lineages. <i>BMC Genomics</i> , 2019, 20, 607.	1.2	68
5	Comparative myoanatomy of Tardigrada: new insights from the heterotardigrades <i>Actinarctus doryphorus</i> (Tanarctidae) and <i>Echiniscoides sigismundi</i> (Echiniscoididae). <i>BMC Evolutionary Biology</i> , 2019, 19, 206.	3.2	5
6	An upgraded comprehensive multilocus phylogeny of the Tardigrada tree of life. <i>Zoologica Scripta</i> , 2019, 48, 120-137.	0.7	62
7	Morphology and Functional Anatomy. <i>Zoological Monographs</i> , 2018, , 57-94.	1.1	33
8	Phylogeny and Integrative Taxonomy of Tardigrada. <i>Zoological Monographs</i> , 2018, , 95-114.	1.1	30
9	Modelling extreme desiccation tolerance in a marine tardigrade. <i>Scientific Reports</i> , 2018, 8, 11495.	1.6	15
10	A molecular approach to arthrotardigrade phylogeny (Heterotardigrada, Tardigrada). <i>Zoologica Scripta</i> , 2017, 46, 496-505.	0.7	30
11	Comparative Investigation of Copper Tolerance and Identification of Putative Tolerance Related Genes in Tardigrades. <i>Frontiers in Physiology</i> , 2017, 8, 95.	1.3	23
12	A dichotomous key to the genera of the Marine Heterotardigrades (Tardigrada). <i>Zootaxa</i> , 2017, 4294, .	0.2	39
13	Tun formation is not a prerequisite for desiccation tolerance in the marine tidal tardigrade <i>Echiniscoides sigismundi</i>. <i>Zoological Journal of the Linnean Society</i> , 2016, 178, 907-911.	1.0	32
14	Osmotic stress tolerance in semi-terrestrial tardigrades. <i>Zoological Journal of the Linnean Society</i> , 2016, 178, 912-918.	1.0	24
15	Data from new taxa infer <i>Echiniscoides</i> gen. nov. and increase the phylogenetic and evolutionary understanding of echiniscoidid tardigrades (Echiniscoidea: Tardigrada). <i>Zoological Journal of the Linnean Society</i> , 2016, 178, 804-818.	1.0	22
16	Postembryonic development, paedomorphosis, secondary sexual dimorphism and population structure of a new <i>Florarctus</i> species (Tardigrada, Heterotardigrada). <i>Zoological Journal of the Linnean Society</i> , 2016, 178, 871-877.	1.0	11
17	Notes on the cryptobiotic capability of the marine arthrotardigrades <i>Styraconyx haploceros</i> (Halechiniscidae) and <i>Batillipes pennaki</i> (Batillipedidae) from the tidal zone in Roscoff, France. <i>Marine Biology Research</i> , 2015, 11, 214-217.	0.3	22
18	Brain anatomy of the marine tardigrade <i>actinarctus doryphorus</i> (arthrotardigrada). <i>Journal of Morphology</i> , 2014, 275, 173-190.	0.6	27

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19	First record of cysts in the tidal tardigrade <i>Echiniscoides sigismundi</i> . <i>Helgoland Marine Research</i> , 2014, 68, 531-537.	1.3	20
20	The tardigrade fauna of Australian marine caves: With descriptions of nine new species of <i>Arthrotardigrada</i> . <i>Zootaxa</i> , 2014, 3802, 401.	0.2	33
21	Surface enhanced Raman scattering on <i>Tardigrada</i> – towards monitoring and imaging molecular structures in live cryptobiotic organisms. <i>Journal of Biophotonics</i> , 2013, 6, 759-764.	1.1	4
22	Inorganic ion composition in <i>Tardigrada</i> : cryptobionts contain large fraction of unidentified organic solutes. <i>Journal of Experimental Biology</i> , 2013, 216, 1235-43.	0.8	17
23	<i>Bulinus globosus</i> (Planorbidae; Gastropoda) populations in the Lake Victoria basin and coastal Kenya show extreme nuclear genetic differentiation. <i>Acta Tropica</i> , 2013, 128, 226-233.	0.9	11
24	Congruence between molecular phylogeny and cuticular design in <i>Echiniscoidea</i> (<i>Tardigrada</i>). <i>Trends in Ecology and Evolution</i> , 2013, 28, 50-54.	1.0	23
25	The ITS2 of the genus <i>Bulinus</i> : Novel secondary structure among freshwater snails and potential new taxonomic markers. <i>Acta Tropica</i> , 2013, 128, 218-225.	0.9	12
26	Ecology and thermal tolerance of the marine tardigrade <i>Halobiotus crispae</i> (<i>Eutardigrada</i>). <i>Trends in Ecology and Evolution</i> , 2013, 28, 462-463.	0.3	12
27	Genetic diversity in the parthenogenetic reproducing tardigrade <i>Echiniscus testudo</i> (<i>Heterotardigrada</i> : <i>Echiniscoidea</i>). <i>Journal of Limnology</i> , 2013, 72, .	0.3	11
28	Desiccation Tolerance in the Tardigrade <i>Richtersius coronifer</i> Relies on Muscle Mediated Structural Reorganization. <i>PLoS ONE</i> , 2013, 8, e85091.	1.1	57
29	Neuroanatomy of <i>Halobiotus crispae</i> (<i>Eutardigrada</i> : <i>Hypsibiidae</i>): Tardigrade brain structure supports the clade panarthropoda. <i>Journal of Morphology</i> , 2012, 273, n/a-n/a.	0.6	0
30	Neuroanatomy of <i>Halobiotus crispae</i> (<i>Eutardigrada</i> : <i>Hypsibiidae</i>): Tardigrade brain structure supports the clade panarthropoda. <i>Journal of Morphology</i> , 2012, 273, 1227-1245.	0.6	54
31	Distribution and speciation in marine intertidal tardigrades: testing the roles of climatic and geographical isolation. <i>Journal of Biogeography</i> , 2012, 39, 1596-1607.	1.4	39
32	The distribution of <i>Biomphalaria</i> (<i>Gastropoda</i> : <i>Planorbidae</i>) in Lake Victoria with ecological and spatial predictions using Bayesian modelling. <i>Hydrobiologia</i> , 2012, 683, 249-264.	1.0	19
33	A molecular phylogenetic analysis of <i>Bulinus</i> (<i>Gastropoda</i> : <i>Planorbidae</i>) with conserved nuclear genes. <i>Zoologica Scripta</i> , 2011, 40, 126-136.	0.7	21
34	Phylogeny and evolution of the <i>Echiniscidae</i> (<i>Echiniscoidea</i> , <i>Tardigrada</i>) – an investigation of the congruence between molecules and morphology. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2011, 49, 6-16.	0.6	69
35	Extreme stress tolerance in tardigrades: surviving space conditions in low earth orbit. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2011, 49, 90-97.	0.6	84
36	Phylogeography of North Atlantic intertidal tardigrades: refugia, cryptic speciation and the history of the Mid-Atlantic Islands. <i>Journal of Biogeography</i> , 2011, 38, 1613-1624.	1.4	40

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37	The birth of an endemic species flock: demographic history of the <i>Bellamya</i> group (Gastropoda.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	46
38	Genetic variation within and between populations of hermaphroditic <i>Bulinus truncatus</i> tetraploid freshwater snails of the Albertine Rift, East Africa. <i>Hydrobiologia</i> , 2011, 673, 53-61.	1.0	5
39	Molecular phylogeny of <i>Arthrotardigrada</i> (Tardigrada). <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 1006-1015.	1.2	84
40	Molecular phylogenetic investigations of the <i>Viviparidae</i> (Gastropoda: Caenogastropoda) in the lakes of the Rift Valley area of Africa. <i>Molecular Phylogenetics and Evolution</i> , 2009, 52, 797-805.	1.2	49
41	Genetic diversity of schistosomes and snails: implications for control. <i>Parasitology</i> , 2009, 136, 1801-1811.	0.7	47
42	Molluscan Models in Evolutionary Biology: Apple Snails (Gastropoda: Ampullariidae) as a System for Addressing Fundamental Questions*. <i>American Malacological Bulletin</i> , 2009, 27, 47-58.	0.2	61
43	A molecular phylogeny of apple snails (Gastropoda, Caenogastropoda, Ampullariidae) with an emphasis on African species. <i>Zoologica Scripta</i> , 2008, 37, 245-252.	0.7	31
44	Sympatric <i>Biomphalaria</i> species (Gastropoda: Planorbidae) in Lake Albert, Uganda, show homoplasies in shell morphology. <i>African Zoology</i> , 2008, 43, 34-44.	0.2	18
45	Sympatric <i>Biomphalaria</i> species (Gastropoda: Planorbidae) in Lake Albert, Uganda, show homoplasies in shell morphology. <i>African Zoology</i> , 2008, 43, 34-44.	0.2	25
46	A molecular study of the tardigrade <i>Echiniscus testudo</i> (Echiniscidae) reveals low DNA sequence diversity over a large geographical area. <i>Journal of Limnology</i> , 2007, 66, 77.	0.3	118
47	New records on cyclomorphosis in the marine eutardigrade <i>Halobiotus crispae</i> (Eutardigrada:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	47
48	Phylogeny and biogeography of African <i>Biomphalaria</i> (Gastropoda: Planorbidae), with emphasis on endemic species of the great East African lakes. <i>Zoological Journal of the Linnean Society</i> , 2007, 151, 337-349.	1.0	50
49	Molecular phylogenetic investigations of <i>Bulinus</i> (Gastropoda: Planorbidae) in Lake Malawi with comments on the topological incongruence between DNA loci. <i>Zoologica Scripta</i> , 2007, 36, 577-585.	0.7	21
50	Molecular diversity and phylogenetic relationships of the gastropod genus <i>Melanoides</i> in Lake Malawi. <i>African Zoology</i> , 2005, 40, 179-191.	0.2	17
51	An investigation of the "Ancyloplanorbidae" (Gastropoda, Pulmonata, Hygrophila): preliminary evidence from DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 778-787.	1.2	50
52	Molecular phylogeny of <i>Tardigrada</i> investigation of the monophyly of <i>Heterotardigrada</i> . <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 666-670.	1.2	56
53	Morphological variation in <i>Lacuna parva</i> (Gastropoda: Littorinidae) from different European populations. <i>Helgoland Marine Research</i> , 2002, 56, 149-158.	1.3	4
54	Variation in radular teeth and acuspid side of the radula in <i>Lacuna pallidula</i> , <i>L. parva</i> and <i>L. vincta</i> (Gastropoda: Littorinidae) from the Isle of Wight, United Kingdom. <i>Helgoland Marine Research</i> , 2001, 55, 95-100.	1.3	4

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55	Preliminary Studies of the Tardigrade Fauna of the Faroe Bank. Zoologischer Anzeiger, 2001, 240, 385-393.	0.4	26
56	Graphical Presentation of the African Tardigrade Fauna Using GIS with the Description of Isohypsibius malawiensis sp. n. (Eutardigrada: Hypsibiidae) from Lake Malawi. Zoologischer Anzeiger, 2001, 240, 441-449.	0.4	12