

Nadja MÃ¸bjerg

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,683
citations

257450

24
h-index

315739

38
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62
all docs

62
docs citations

62
times ranked

1006
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential expression profiling of heat stressed tardigrades reveals major shift in the transcriptome. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 267, 111169.	1.8	11
2	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.	1.8	8
3	New insights into survival strategies of tardigrades. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 254, 110890.	1.8	40
4	New records on the rich loriciferan fauna of Trezen ar Skoden (Roscoff, France): Description of two new species of <i>Nanalaricus</i> and the new genus <i>Scutiloricus</i> . <i>PLoS ONE</i> , 2021, 16, e0250403.	2.5	4
5	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.	2.3	13
6	New insights into the limited thermotolerance of anhydrobiotic tardigrades. <i>Communicative and Integrative Biology</i> , 2020, 13, 140-146.	1.4	5
7	Thermotolerance experiments on active and desiccated states of <i>Ramazzottius varieornatus</i> emphasize that tardigrades are sensitive to high temperatures. <i>Scientific Reports</i> , 2020, 10, 94.	3.3	33
8	Research presented at the 14th International Symposium on Tardigrada: progress in studies on water bears. <i>Zoological Journal of the Linnean Society</i> , 2020, 188, 655-662.	2.3	2
9	Comparative transcriptomics suggest unique molecular adaptations within tardigrade lineages. <i>BMC Genomics</i> , 2019, 20, 607.	2.8	68
10	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
11	Morphology and Functional Anatomy. <i>Zoological Monographs</i> , 2018, , 57-94.	1.1	33
12	Environmental Adaptations: Encystment and Cyclomorphosis. <i>Zoological Monographs</i> , 2018, , 249-271.	1.1	8
13	Phylogeny and Integrative Taxonomy of Tardigrada. <i>Zoological Monographs</i> , 2018, , 95-114.	1.1	30
14	Modelling extreme desiccation tolerance in a marine tardigrade. <i>Scientific Reports</i> , 2018, 8, 11495.	3.3	15
15	Comparative Investigation of Copper Tolerance and Identification of Putative Tolerance Related Genes in Tardigrades. <i>Frontiers in Physiology</i> , 2017, 8, 95.	2.8	23
16	Tolerance to Gamma Radiation in the Marine Heterotardigrade, <i>Echiniscoides sigismundi</i> . <i>PLoS ONE</i> , 2016, 11, e0168884.	2.5	21
17	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.	2.3	32
18	Osmotic stress tolerance in semi-terrestrial tardigrades. <i>Zoological Journal of the Linnean Society</i> , 2016, 178, 912-918.	2.3	24

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19	Data from new taxa infer Isoechiniscoides gen. nov. and increase the phylogenetic and evolutionary understanding of echiniscoidid tardigrades (Echiniscoidea: Tardigrada). Zoological Journal of the Linnean Society, 2016, 178, 804-818.	2.3	22
20	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. Marine Biology Research, 2015, 11, 214-217.	0.7	22
21	Brain anatomy of the marine tardigrade <i>actinarctus doryphorus</i> (arthrotardigrada). Journal of Morphology, 2014, 275, 173-190.	1.2	27
22	First record of cysts in the tidal tardigrade <i>Echiniscoides sigismundi</i> . Helgoland Marine Research, 2014, 68, 531-537.	1.3	20
23	The tardigrade fauna of Australian marine caves: With descriptions of nine new species of Arthrotardigrada. Zootaxa, 2014, 3802, 401.	0.5	33
24	Surface enhanced Raman scattering on Tardigrada – towards monitoring and imaging molecular structures in live cryptobiotic organisms. Journal of Biophotonics, 2013, 6, 759-764.	2.3	4
25	Inorganic ion composition in Tardigrada: cryptobionts contain large fraction of unidentified organic solutes. Journal of Experimental Biology, 2013, 216, 1235-43.	1.7	17
26	Ecology and thermal tolerance of the marine tardigrade <i>Halobiotus crispae</i> (Eutardigrada). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (0.7	12
27	Genetic diversity in the parthenogenetic reproducing tardigrade <i>Echiniscus testudo</i> (Heterotardigrada: Echiniscoidea). Journal of Limnology, 2013, 72, .	1.1	11
28	Desiccation Tolerance in the Tardigrade <i>Richtersius coronifer</i> Relies on Muscle Mediated Structural Reorganization. PLoS ONE, 2013, 8, e85091.	2.5	57
29	First evidence of epithelial transport in tardigrades: a comparative investigation of organic anion transport. Journal of Experimental Biology, 2012, 215, 497-507.	1.7	20
30	Neuroanatomy of <i>Halobiotus crispae</i> (eutardigrada: hypsibiidae): Tardigrade brain structure supports the clade panarthropoda. Journal of Morphology, 2012, 273, n/a-n/a.	1.2	0
31	Neuroanatomy of <i>Halobiotus crispae</i> (Eutardigrada: Hypsibiidae): Tardigrade brain structure supports the clade panarthropoda. Journal of Morphology, 2012, 273, 1227-1245.	1.2	54
32	Phylogeny and evolution of the Echiniscidae (Echiniscoidea, Tardigrada) – an investigation of the congruence between molecules and morphology. Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 6-16.	1.4	69
33	Extreme stress tolerance in tardigrades: surviving space conditions in low earth orbit. Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 90-97.	1.4	84
34	Survival in extreme environments – on the current knowledge of adaptations in tardigrades. Acta Physiologica, 2011, 202, 409-420.	3.8	182
35	Functional characterization of the vertebrate primary ureter: Structure and ion transport mechanisms of the pronephric duct in axolotl larvae (Amphibia). BMC Developmental Biology, 2010, 10, 56.	2.1	8
36	Molecular phylogeny of Arthrotardigrada (Tardigrada). Molecular Phylogenetics and Evolution, 2010, 54, 1006-1015.	2.7	84

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37	Cyclomorphosis in Tardigrada: adaptation to environmental constraints. <i>Journal of Experimental Biology</i> , 2009, 212, 2803-2811.	1.7	42
38	Myoanatomy of the marine tardigrade <i>Halobiotus crispae</i> (Eutardigrada: Hypsibiidae). <i>Journal of Morphology</i> , 2009, 270, 996-1013.	1.2	43
39	The lateral intercellular space as osmotic coupling compartment in isotonic transport. <i>Acta Physiologica</i> , 2009, 195, 171-186.	3.8	33
40	Characterization of cyclomorphic stages in the marine tardigrade <i>Halobiotus crispae</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 151, S34.	1.8	0
41	Osmotic cell shrinkage activates ezrin/radixin/moesin (ERM) proteins: activation mechanisms and physiological implications. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C197-C212.	4.6	56
42	Osmotic and Ion Regulation in Amphibians. , 2008, , 367-441.		4
43	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.	1.1	118
44	New records on cyclomorphosis in the marine eutardigrade <i>Halobiotus crispae</i> (Eutardigrada:) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 462	1.1	47
45	Application of the Na ⁺ recirculation theory to ion coupled water transport in low- and high resistance osmoregulatory epithelia. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, 101-116.	1.8	25
46	Physiological and molecular mechanisms of inorganic phosphate handling in the toad <i>Bufo bufo</i> . <i>Pflügers Archiv European Journal of Physiology</i> , 2007, 454, 101-113.	2.8	11
47	Phosphate uptake across amphibian skin is active and sodium dependent. <i>FASEB Journal</i> , 2007, 21, A510.	0.5	0
48	Fluid transport and ion fluxes in mammalian kidney proximal tubule: a model analysis of isotonic transport. <i>Acta Physiologica</i> , 2006, 187, 177-189.	3.8	14
49	Na ⁺ Recirculation and Isosmotic Transport. <i>Journal of Membrane Biology</i> , 2006, 212, 1-15.	2.1	28
50	Ion transport mechanisms in the mesonephric collecting duct system of the toad <i>Bufo bufo</i> : microelectrode recordings from isolated and perfused tubules. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2004, 137, 585-595.	1.8	6
51	Morphology of the kidney in the West African caecilian, <i>Geotrypetes seraphini</i> (Amphibia, Gymnophiona,) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	29
52	Mitochondria-rich cells as experimental model in studies of epithelial chloride channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1566, 28-43.	2.6	20
53	K ⁺ transport in the mesonephric collecting duct system of the toad <i>Bufo bufo</i> . <i>Journal of Experimental Biology</i> , 2002, 205, 897-904.	1.7	9
54	K(+) transport in the mesonephric collecting duct system of the toad <i>Bufo bufo</i> : microelectrode recordings from isolated and perfused tubules. <i>Journal of Experimental Biology</i> , 2002, 205, 897-904.	1.7	7

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55	Expression of cystic fibrosis transmembrane conductance regulator in the skin of the toad, <i>Bufo bufo</i> and possible role for Cl ⁻ transport across the heterocellular epithelium. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001, 130, 539-550.	1.8	12
56	Morphology of the Nephron in the Mesonephros of <i>Bufo bufo</i> (Amphibia, Anura, Bufonidae). <i>Acta Zoologica</i> , 1998, 79, 31-50.	0.8	32
57	Seabirds utilizing the Northeast Water polynya. <i>Journal of Marine Systems</i> , 1997, 10, 47-65.	2.1	24
58	Studies on the morphology and ultrastructure of the Malpighian tubules of <i>Halobiotus crispae</i> Kristensen, 1982 (Eutardigrada). <i>Zoological Journal of the Linnean Society</i> , 1996, 116, 85-99.	2.3	21