

Sven Thatje

List of Publications by Year in descending order

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154
papers

4,462
citations

109321

35
h-index

133252

59
g-index

154
all docs

154
docs citations

154
times ranked

3726
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate Change and Invasibility of the Antarctic Benthos. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2007, 38, 129-154.	8.3	248
2	On the origin of Antarctic marine benthic community structure. <i>Trends in Ecology and Evolution</i> , 2005, 20, 534-540.	8.7	242
3	The Discovery of New Deep-Sea Hydrothermal Vent Communities in the Southern Ocean and Implications for Biogeography. <i>PLoS Biology</i> , 2012, 10, e1001234.	5.6	225
4	Anthropogenic impacts on marine ecosystems in Antarctica. <i>Annals of the New York Academy of Sciences</i> , 2011, 1223, 82-107.	3.8	170
5	Temporal Change in Deep-Sea Benthic Ecosystems. <i>Advances in Marine Biology</i> , 2010, 58, 1-95.	1.4	134
6	LIFE HUNG BY A THREAD: ENDURANCE OF ANTARCTIC FAUNA IN GLACIAL PERIODS. <i>Ecology</i> , 2008, 89, 682-692.	3.2	133
7	CHALLENGING THE COLD: CRABS RECONQUER THE ANTARCTIC. <i>Ecology</i> , 2005, 86, 619-625.	3.2	128
8	Explaining bathymetric diversity patterns in marine benthic invertebrates and demersal fishes: physiological contributions to adaptation of life at depth. <i>Biological Reviews</i> , 2014, 89, 406-426.	10.4	119
9	ASPIRE: The Amundsen Sea Polynya International Research Expedition. <i>Oceanography</i> , 2012, 25, 40-53.	1.0	116
10	Identifying Toxic Impacts of Metals Potentially Released during Deep-Sea Mining – A Synthesis of the Challenges to Quantifying Risk. <i>Frontiers in Marine Science</i> , 0, 4, .	2.5	84
11	Antarctic reptant decapods: more than a myth?. <i>Polar Biology</i> , 2004, 27, 195-201.	1.2	75
12	Genetic homogeneity and circum-Antarctic distribution of two benthic shrimp species of the Southern Ocean, <i>Chorismus antarcticus</i> and <i>Nematocarcinus lanceopes</i> . <i>Marine Biology</i> , 2010, 157, 1783-1797.	1.5	74
13	Comparison of heat-shock responses between the hydrothermal vent shrimp <i>Rimicaris exoculata</i> and the related coastal shrimp <i>Palaemonetes varians</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 393, 9-16.	1.5	74
14	First record of anomuran and brachyuran larvae (Crustacea: Decapoda) from Antarctic waters. <i>Polar Biology</i> , 2003, 26, 279-282.	1.2	73
15	Global bottlenecks in the distribution of marine Crustacea: temperature constraints in the family Lithodidae. <i>Journal of Biogeography</i> , 2009, 36, 2125-2135.	3.0	72
16	Lipid, fatty acid and protein utilization during lecithotrophic larval development of <i>Lithodes santolla</i> (Molina) and <i>Paralomis granulosa</i> (Jacquinot). <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 292, 61-74.	1.5	66
17	The Antarctic-Magellan connection: macrobenthos ecology on the shelf and upper slope, a progress report. <i>Scientia Marina</i> , 2005, 69, 237-269.	0.6	66
18	Larval and early juvenile development of <i>Lithodes santolla</i> (Molina, 1782) (Decapoda: Anomura: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 <i>Biology and Ecology</i> , 2004, 306, 217-230.	1.5	65

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19	Prospects for the return of shell-crushing crabs to Antarctica. <i>Journal of Biogeography</i> , 2015, 42, 1-7.	3.0	62
20	The use of stress-70 proteins in physiology: a re-appraisal. <i>Molecular Ecology</i> , 2013, 22, 1494-1502.	3.9	59
21	Missing link in the Southern Ocean: sampling the marine benthic fauna of remote Bouvet Island. <i>Polar Biology</i> , 2006, 29, 83-96.	1.2	57
22	Changes in biomass and chemical composition during lecithotrophic larval development of the southern king crab, <i>Lithodes santolla</i> (Molina). <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 288, 65-79.	1.5	55
23	Effects of Capability for Dispersal on the Evolution of Diversity in Antarctic Benthos. <i>Integrative and Comparative Biology</i> , 2012, 52, 470-482.	2.0	50
24	The effects of changing climate on faunal depth distributions determine winners and losers. <i>Global Change Biology</i> , 2015, 21, 173-180.	9.5	50
25	The ocean is not deep enough: pressure tolerances during early ontogeny of the blue mussel <i>Mytilus edulis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 717-726.	2.6	46
26	Pressure tolerance of the shallow-water caridean shrimp <i>Palaemonetes varians</i> across its thermal tolerance window. <i>Journal of Experimental Biology</i> , 2011, 214, 1109-1117.	1.7	43
27	The Effects of Temperature and Hydrostatic Pressure on Metal Toxicity: Insights into Toxicity in the Deep Sea. <i>Environmental Science & Technology</i> , 2017, 51, 10222-10231.	10.0	43
28	Thermal adaptations in deep-sea hydrothermal vent and shallow-water shrimp. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 92, 234-239.	1.4	42
29	Encounter of lithodid crab <i>Paralomis birsteini</i> on the continental slope off Antarctica, sampled by ROV. <i>Polar Biology</i> , 2008, 31, 1143-1148.	1.2	41
30	No barrier to emergence of bathyal king crabs on the Antarctic shelf. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12997-13002.	7.1	40
31	Distribution of abundance, biomass, production and productivity of macrozoobenthos in the sub-Antarctic Magellan Province (South America). <i>Polar Biology</i> , 1999, 22, 31-37.	1.2	39
32	Sublittoral soft bottom communities and diversity of Mejillones Bay in northern Chile (Humboldt) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.3	39
33	Adaptation to thermally variable environments: capacity for acclimation of thermal limit and heat shock response in the shrimp <i>Palaemonetes varians</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2012, 182, 899-907.	1.5	39
34	Temperature-driven biogeography of the deep-sea family Lithodidae (Crustacea: Decapoda: Anomura) in the Southern Ocean. <i>Polar Biology</i> , 2011, 34, 363-370.	1.2	38
35	Benthic marine calcifiers coexist with CaCO ₃ undersaturated seawater worldwide. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1038-1053.	4.9	38
36	Distribution and composition of macrozoobenthic communities along a Victoria-Land Transect (Ross) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.2	36

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37	Long-term acclimation and potential scope for thermal resilience in Southern Ocean bivalves. <i>Marine Biology</i> , 2015, 162, 2217-2224.	1.5	36
38	Composition and distribution of the peracarid crustacean fauna along a latitudinal transect off Victoria Land (Ross Sea, Antarctica) with special emphasis on the Cumacea. <i>Polar Biology</i> , 2007, 30, 871-881.	1.2	35
39	Respiratory Response of the Deep-Sea Amphipod <i>Stephonyx biscayensis</i> Indicates Bathymetric Range Limitation by Temperature and Hydrostatic Pressure. <i>PLoS ONE</i> , 2011, 6, e28562.	2.5	35
40	Temperature-induced oviposition in the brachyuran crab <i>Cancer setosus</i> along a latitudinal cline: Aquaria experiments and analysis of field-data. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 357, 157-164.	1.5	34
41	Early egg traits in <i>Cancer setosus</i> (Decapoda, Brachyura): effects of temperature and female size. <i>Marine Ecology - Progress Series</i> , 2009, 377, 193-202.	1.9	34
42	Behavioural and respiratory response of the shallow-water hermit crab <i>Pagurus cuanensis</i> to hydrostatic pressure and temperature. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 390, 22-30.	1.5	34
43	The future fate of the Antarctic marine biota?. <i>Trends in Ecology and Evolution</i> , 2005, 20, 418-419.	8.7	33
44	Sustained hydrostatic pressure tolerance of the shallow water shrimp <i>Palaemonetes varians</i> at different temperatures: Insights into the colonisation of the deep sea. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 162, 357-363.	1.8	33
45	Distribution, reproductive and energetic conditions of decapod crustaceans along the Scotia Arc (Southern Ocean). <i>Scientia Marina</i> , 2005, 69, 183-193.	0.6	32
46	In hot and cold water: differential life-history traits are key to success in contrasting thermal deep-sea environments. <i>Journal of Animal Ecology</i> , 2015, 84, 898-913.	2.8	31
47	Climate variability and El Niño Southern Oscillation: implications for natural coastal resources and management. <i>Helgoland Marine Research</i> , 2008, 62, 5-14.	1.3	30
48	Adaptations to Hydrothermal Vent Life in <i>Kiwa tyleri</i> , a New Species of Yeti Crab from the East Scotia Ridge, Antarctica. <i>PLoS ONE</i> , 2015, 10, e0127621.	2.5	30
49	Nurse egg consumption and intracapsular development in the common whelk <i>Buccinum undatum</i> (Linnaeus 1758). <i>Helgoland Marine Research</i> , 2013, 67, 109-120.	1.3	29
50	The Implications of Temperature-Mediated Plasticity in Larval Instar Number for Development within a Marine Invertebrate, the Shrimp <i>Palaemonetes varians</i> . <i>PLoS ONE</i> , 2013, 8, e75785.	2.5	29
51	Influence of temperature on the zoeal development and elemental composition of the cancrid crab, <i>Cancer setosus</i> Molina, 1782 from Pacific South America. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 376, 48-54.	1.5	28
52	Egg production, hatching rates, and abbreviated larval development of <i>Campylonotus vagans</i> Bate, 1888 (Crustacea: Decapoda: Caridea), in subantarctic waters. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 301, 15-27.	1.5	27
53	The Secret to Successful Deep-Sea Invasion: Does Low Temperature Hold the Key?. <i>PLoS ONE</i> , 2012, 7, e51219.	2.5	26
54	Bioenergetics of early life-history stages of the brachyuran crab <i>Cancer setosus</i> in response to changes in temperature. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 374, 160-166.	1.5	25

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55	Photographic survey of benthos provides insights into the Antarctic fish fauna from the Marguerite Bay slope and the Amundsen Sea. <i>Antarctic Science</i> , 2013, 25, 31-43.	0.9	25
56	Per offspring investment implications for crustacean larval development: evolutionary insights into endotrophy and abbreviated development. <i>Marine Ecology - Progress Series</i> , 2013, 493, 207-217.	1.9	24
57	The effect of temperature on the evolution of per offspring investment in a globally distributed family of marine invertebrates (Crustacea: Decapoda: Lithodidae). <i>Marine Biology</i> , 2016, 163, 48.	1.5	23
58	DNA extraction from formalin-fixed tissue: new light from the deep sea. <i>Scientia Marina</i> , 2010, 74, 465-470.	0.6	23
59	Metabolic costs imposed by hydrostatic pressure constrain bathymetric range in the lithodid crab <i>Lithodes maja</i> . <i>Journal of Experimental Biology</i> , 2017, 220, 3916-3926.	1.7	22
60	Changes in prevalence and intensity of infection of <i>Profilicollis altmani</i> (Perry, 1942) cystacanth (Acanthocephala) parasitizing the mole crab <i>Emerita analoga</i> (Stimpson, 1857): an El Niño cascade effect?. <i>Helgoland Marine Research</i> , 2008, 62, 57-62.	1.3	21
61	Influence of temperature on the larval development of the edible crab, <i>Cancer pagurus</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2009, 89, 753-759.	0.8	21
62	Temperature effects on zoal morphometric traits and intraspecific variability in the hairy crab <i>Cancer setosus</i> across latitude. <i>Helgoland Marine Research</i> , 2010, 64, 125-133.	1.3	21
63	The consequences of daily cyclic hypoxia on a European grass shrimp: From short-term responses to long-term effects. <i>Functional Ecology</i> , 2018, 32, 2333-2344.	3.6	21
64	Changes in biomass, lipid, fatty acid and elemental composition during the abbreviated larval development of the subantarctic shrimp <i>Campylonotus vagans</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 301, 159-174.	1.5	20
65	Growth and reproduction in the Antarctic brooding bivalve <i>Adacnarca nitens</i> (Philobryidae) from the Ross Sea. <i>Marine Biology</i> , 2009, 156, 1073-1081.	1.5	20
66	Effects of Late-Cenozoic Glaciation on Habitat Availability in Antarctic Benthic Shrimps (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	20
67	Temperature and pressure tolerance of larvae of <i>Crepidula fornicata</i> suggest thermal limitation of bathymetric range. <i>Marine Biology</i> , 2013, 160, 743-750.	1.5	20
68	Climate change and the threat of novel marine predators in Antarctica. <i>Ecosphere</i> , 2017, 8, e02017.	2.2	20
69	The effects of temperature and pressure acclimation on the temperature and pressure tolerance of the shallow-water shrimp <i>Palaemonetes varians</i> . <i>Marine Biology</i> , 2014, 161, 697-709.	1.5	19
70	Discovery of a recent, natural whale fall on the continental slope off Anvers Island, western Antarctic Peninsula. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 90, 76-80.	1.4	19
71	Thermal tolerance during early ontogeny in the common whelk <i>Buccinum undatum</i> (Linnaeus 1785): Bioenergetics, nurse egg partitioning and developmental success. <i>Journal of Sea Research</i> , 2013, 79, 32-39.	1.6	18
72	Seasonality of bivalve larvae within a high Arctic fjord. <i>Polar Biology</i> , 2017, 40, 263-276.	1.2	18

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73	Subtidal macrozoobenthos communities from northern Chile during and post El Niño 1997-1998. <i>Helgolander Marine Research</i> , 2008, 62, 45-55.	1.3	17
74	Temperature effects on life-history traits cause challenges to the management of brachyuran crab fisheries in the Humboldt Current: A review. <i>Fisheries Research</i> , 2016, 183, 461-468.	1.7	17
75	LARVAL DEVELOPMENT OF AUSTROPANDALUS GRAYI (CUNNINGHAM, 1871) (DECAPODA, CARIDEA,). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.3	16
76	Larvae of the deep-sea Nematocarcinidae (Crustacea: Decapoda: Caridea) from the Southern Ocean. <i>Polar Biology</i> , 2005, 28, 290-302.	1.2	16
77	Energetic changes throughout lecithotrophic larval development in the deep-sea lithodid crab <i>Paralomis spinosissima</i> from the Southern Ocean. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 386, 119-124.	1.5	15
78	Effects of physical disturbance on a sub-Antarctic middle intertidal bivalve assemblage. <i>Marine Biology Research</i> , 2012, 8, 937-953.	0.7	14
79	Characterising multi-level effects of an acute pressure exposure on a shallow-water invertebrate: insights into the kinetics and hierarchy of the stress response. <i>Journal of Experimental Biology</i> , 2015, 218, 2594-602.	1.7	14
80	Hydrostatic pressure and temperature affect the tolerance of the free-living marine nematode <i>Halomonhystera disjuncta</i> to acute copper exposure. <i>Aquatic Toxicology</i> , 2017, 192, 178-183.	4.0	14
81	First record of lithodid crabs from Antarctic waters off the Balleny Islands. <i>Polar Biology</i> , 2005, 28, 334-337.	1.2	13
82	Egg development, hatching rhythm and moult patterns in <i>Paralomis spinosissima</i> (Decapoda: Anomura:). <i>Tj ETQq0 0 0 rgBT /Overlock 10</i> 1213-1218.	1.2	13
83	Specific dynamic action affects the hydrostatic pressure tolerance of the shallow-water spider crab <i>Maja brachydactyla</i> . <i>Die Naturwissenschaften</i> , 2011, 98, 299-313.	1.6	13
84	The role of ontogeny in physiological tolerance: decreasing hydrostatic pressure tolerance with development in the northern stone crab <i>Lithodes maja</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150577.	2.6	13
85	Biology of the king crab <i>Paralomis birsteini</i> on the continental slope off the western Antarctic Peninsula. <i>Polar Biology</i> , 2017, 40, 2313-2322.	1.2	13
86	Respiratory response to temperature of three populations of <i>Aurelia aurita</i> polyps in northern Europe. <i>PLoS ONE</i> , 2017, 12, e0177913.	2.5	13
87	A description of larval and early juvenile development in <i>Paralomis spinosissima</i> (Decapoda: Anomura:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> 1028-1038.	1.2	12
88	The influence of per offspring investment (POI) and starvation on larval developmental plasticity within the palaemonid shrimp, <i>Palaemonetes varians</i> . <i>Marine Biology</i> , 2014, 161, 2069-2077.	1.5	12
89	Evolution through cold and deep waters: the molecular phylogeny of the Lithodidae (Crustacea:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.6	12
90	Reproductive and larval biology of the sub-Antarctic hermit crab <i>Pagurus comptus</i> reared in the laboratory. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2006, 86, 743-749.	0.8	11

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91	The subtle intracapsular survival of the fittest: maternal investment, sibling conflict, or environmental effects?. <i>Ecology</i> , 2013, 94, 2263-2274.	3.2	11
92	A new species of the genus <i>Paralomis</i> (Crustacea: Decapoda: Lithodidae) from the Spiess seamount near Bouvet Island (Southern Ocean), with notes on habitat and ecology. <i>Polar Biology</i> , 2006, 29, 137-146.	1.2	10
93	Changes in biomass and elemental composition during early ontogeny of the Antarctic isopod crustacean <i>Ceratoserolis trilobitoides</i> . <i>Polar Biology</i> , 2008, 31, 1325-1331.	1.2	10
94	Zonation of demersal fishes off Anvers Island, western Antarctic Peninsula. <i>Antarctic Science</i> , 2016, 28, 44-50.	0.9	10
95	New records of the rare shrimp parasite <i>Zonophryxus quinquedens</i> Barnard, 1913 (Crustacea, Isopoda, Tj ETQq1 1,0,784314,rgBT /Ove	1.2	9
96	Understanding El Niño: The importance of Grey Literature in Coastal Ecosystem Research and Management. <i>Marine Policy</i> , 2007, 31, 85-93.	3.2	9
97	THE MACROBENTHIC ECOLOGY OF THE STRAITS OF MAGELLAN AND THE BEAGLE CHANNEL. <i>Anales Del Instituto De La Patagonia</i> , 2009, 37, .	0.1	9
98	Heartbeat sensors under pressure: a new method for assessing hyperbaric physiology. <i>High Pressure Research</i> , 2009, 29, 422-430.	1.2	9
99	Macrofaunal communities on the continental shelf off Victoria Land, Ross Sea, Antarctica. <i>Antarctic Science</i> , 2011, 23, 449-455.	0.9	9
100	Celebrating 100 Years: Happy Birthday, Naturwissenschaften!. <i>Die Naturwissenschaften</i> , 2013, 100, 1-1.	1.6	9
101	Four new species of the family Lithodidae (Decapoda: Anomura) from the collections of the National Museum of Natural History, Smithsonian Institution. <i>Zootaxa</i> , 2009, 2302, 31-47.	0.5	9
102	Introducing the Arnold Berliner Award. <i>Die Naturwissenschaften</i> , 2012, 99, 675-676.	1.6	8
103	An unusual hermaphrodite reproductive trait in the Antarctic brooding bivalve <i>Lissarca miliaris</i> (Philobryidae) from the Scotia Sea, Southern Ocean. <i>Polar Biology</i> , 2013, 36, 1-11.	1.2	8
104	Plasticity in shell morphology and growth among deep-sea protobranch bivalves of the genus <i>Yoldiella</i> (Yoldiidae) from contrasting Southern Ocean regions. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 81, 14-24.	1.4	8
105	Differential adaptations between cold-stenothermal environments in the bivalve <i>Lissarca cf. miliaris</i> (Philobryidae) from the Scotia Sea islands and Antarctic Peninsula. <i>Journal of Sea Research</i> , 2014, 88, 11-20.	1.6	8
106	The Arnold Berliner Award 2018. <i>Die Naturwissenschaften</i> , 2018, 105, 1.	1.6	8
107	Temperature effects on larval development in the lithodid crab <i>Lithodes maja</i> . <i>Journal of Sea Research</i> , 2018, 139, 73-84.	1.6	8
108	NMDA Receptor Regulation Is Involved in the Limitation of Physiological Tolerance to Both Low Temperature and High Hydrostatic Pressure. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	8

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109	Reproductive morphology of the deep-sea protobranch bivalves <i>Yoldiella ecaudata</i> , <i>Yoldiella sabrina</i> , and <i>Yoldiella valettei</i> (Yoldiidae) from the Southern Ocean. <i>Polar Biology</i> , 2014, 37, 1383-1392.	1.2	7
110	Is the deep-sea crab <i>Chaceon affinis</i> able to induce a thermal stress response?. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 181, 54-61.	1.8	7
111	Population expansion of an Antarctic king crab?. <i>Frontiers of Biogeography</i> , 2019, 11, .	1.8	7
112	The effect of high hydrostatic pressure acclimation on acute temperature tolerance and phospholipid fatty acid composition in the shallow-water shrimp <i>Palaemon varians</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 514-515, 103-109.	1.5	7
113	The Science of Nature. <i>Die Naturwissenschaften</i> , 2009, 96, 421-422.	1.6	6
114	The multiple faces of journal peer review. <i>Die Naturwissenschaften</i> , 2010, 97, 237-239.	1.6	6
115	King crabs up-close: ontogenetic changes in ornamentation in the family Lithodidae (Crustacea, Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	6
116	Shifting Baselines in Antarctic Ecosystems; Ecophysiological Response to Warming in <i>Lissarca miliaris</i> at Signy Island, Antarctica. <i>PLoS ONE</i> , 2012, 7, e53477.	2.5	6
117	Naturwissenschaften: recent advances, changes and challenges. <i>Die Naturwissenschaften</i> , 2012, 99, 1-2.	1.6	6
118	Moving forward: change of journal title and continuous article publishing. <i>Die Naturwissenschaften</i> , 2014, 101, 1007-1008.	1.6	6
119	Variability in hydrostatic pressure tolerance between <i>Palaemon</i> species: Implications for insights into the colonisation of the deep sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 503, 66-71.	1.5	6
120	Metabolic rate and growth in the temperate bivalve <i>Mercenaria mercenaria</i> at a biogeographical limit, from the English Channel. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 1019-1023.	0.8	5
121	Dr Arnold Berliner (1862–1942), physicist and founding editor of <i>Naturwissenschaften</i> . <i>Die Naturwissenschaften</i> , 2013, 100, 1105-1107.	1.6	5
122	The role of temperature on the aerobic response of encapsulated embryos of <i>Ocenebra erinaceus</i> (Neogastropoda, Muricidae): A comparative study between two populations. <i>Marine Environmental Research</i> , 2020, 153, 104815.	2.5	5
123	Acclimation to cyclic hypoxia improves thermal tolerance and copper survival in the caridean shrimp <i>Palaemon varians</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 259, 111010.	1.8	5
124	The Science of Nature – a new era, a new name for <i>Naturwissenschaften</i> . <i>Die Naturwissenschaften</i> , 2015, 102, 1255.	1.6	4
125	Intracapsular development and dispersal polymorphism in the predatory gastropod <i>Ocenebra erinaceus</i> (Linnaeus 1758). <i>Helgoland Marine Research</i> , 2015, 69, 249-258.	1.3	4
126	Temperature adaptation in larval development of lithodine crabs from deep-water lineages. <i>Journal of Sea Research</i> , 2018, 142, 167-173.	1.6	4

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127	No future for the Antarctic Treaty?. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 175-175.	4.0	3
128	Energetic changes throughout early ontogeny of the brooding Antarctic sea star <i>Rhopiella hirsuta</i> (Koehler, 1920). <i>Polar Biology</i> , 2018, 41, 1297-1306.	1.2	3
129	Prospects for metazoan life in sub-glacial Antarctic lakes: the most extreme life on Earth?. <i>International Journal of Astrobiology</i> , 2019, 18, 416-419.	1.6	3
130	Intraspecific variability in larval development in the lithodine crab <i>Lithodes maja</i> . <i>Journal of Sea Research</i> , 2019, 155, 101813.	1.6	3
131	Intraspecific plasticity and trans-generational adaptation of reproductive traits and early development in a temperate marine neogastropod. <i>Marine Environmental Research</i> , 2020, 161, 105123.	2.5	3
132	Variable shrimp in variable environments: reproductive investment within <i>Palaemon varians</i> . <i>Hydrobiologia</i> , 2021, 848, 469-484.	2.0	3
133	Phylogenetic relationship within Cumacea (Crustacea: Peracarida) and genetic variability of two Antarctic species of the family Leuconidae. <i>Scientia Marina</i> , 2020, 84, 385-392.	0.6	3
134	The use of the short communication article format. <i>Die Naturwissenschaften</i> , 2016, 103, 5.	1.6	2
135	Reaching out for scientific legacy: how to define authorship in academic publishing. <i>Die Naturwissenschaften</i> , 2016, 103, 10.	1.6	2
136	Temperature-driven inter-annual variability in reproductive investment in the common whelk <i>Buccinum undatum</i> . <i>Journal of Sea Research</i> , 2019, 148-149, 17-22.	1.6	2
137	From deep to shallow seas: Antarctic king crab on the move. <i>Ecology</i> , 2020, 101, e03125.	3.2	2
138	Ethical considerations surrounding deep-sea mining do matter. <i>Trends in Ecology and Evolution</i> , 2021, 36, 674-675.	8.7	2
139	Organismal biology joins climate research: the example of ENSO. <i>Helgoland Marine Research</i> , 2008, 62, 1-3.	1.3	1
140	The Arnold Berliner Award 2013. <i>Die Naturwissenschaften</i> , 2013, 100, 485-486.	1.6	1
141	Editorial: El Niño-Southern Oscillation on a Changing Planet: Consequences for Coastal Ecosystems. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	1
142	Saving Corals from Bleaching. <i>Environmental Science & Technology</i> , 2021, 55, 9634-9636.	10.0	1
143	What have we achieved? A reflection on the Census of Marine Life (COML). <i>Die Naturwissenschaften</i> , 2011, 98, 97-98.	1.6	0
144	Climate, Biological Invasion, and Modernization of Benthic Communities in Antarctica. <i>The Paleontological Society Special Publications</i> , 2014, 13, 61-61.	0.0	0

#	ARTICLE	IF	CITATIONS
145	The Arnold Berliner Award 2014. Die Naturwissenschaften, 2014, 101, 457-458.	1.6	0
146	The Arnold Berliner Award 2015. Die Naturwissenschaften, 2015, 102, 22.	1.6	0
147	The Arnold Berliner Award 2016. Die Naturwissenschaften, 2016, 103, 54.	1.6	0
148	Acknowledgement to referees 2015. Die Naturwissenschaften, 2016, 103, 1.	1.6	0
149	The Arnold Berliner Award 2017. Die Naturwissenschaften, 2017, 104, 1.	1.6	0
150	Lost and found: the science lost in World War II. Die Naturwissenschaften, 2017, 104, 88.	1.6	0
151	Acknowledgement to referees 2017. Die Naturwissenschaften, 2018, 105, 1.	1.6	0
152	From hot waters of polar seas: the mysterious life of the male yeti crab. Ecology, 2018, 99, 2868-2870.	3.2	0
153	Growth in the northern stone crab <i>Lithodes maja</i> Linnaeus, 1758 (Decapoda: Anomura: Lithodidae), a potential fishery target, in the laboratory. Journal of Crustacean Biology, 2019, 39, 582-585.	0.8	0
154	Phospholipid fatty acids are correlated with critical thermal tolerance but not with critical pressure tolerance in the shallow-water shrimp <i>Palaemon varians</i> during sustained exposure to low temperature. Journal of Experimental Marine Biology and Ecology, 2020, 529, 151394.	1.5	0