

Olaf Heilmayer

List of Publications by Year in descending order

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33
papers

1,089
citations

331259

21
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiversity change after climate-induced ice-shelf collapse in the Antarctic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 74-83.	0.6	142
2	Constraints and trade-offs in climate-dependent adaptation: energy budgets and growth in a latitudinal cline. <i>Scientia Marina</i> , 2005, 69, 271-285.	0.3	80
3	Functional diversity of marine macrobenthic communities from sublittoral soft-sediment habitats off northern Chile. <i>Helgoland Marine Research</i> , 2011, 65, 413-424.	1.3	75
4	Biogeochemistry of a low-activity cold seep in the Larsen B area, western Weddell Sea, Antarctica. <i>Biogeosciences</i> , 2009, 6, 2383-2395.	1.3	58
5	Age and productivity of the Antarctic scallop, <i>Adamussium colbecki</i> , in Terra Nova Bay (Ross Sea). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 50</i>	0.7	50
6	Stress tolerance of a subtropical <i>Crassostrea virginica</i> population to the combined effects of temperature and salinity. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 79, 179-185.	0.9	48
7	SUITABILITY OF THREE STAINS TO MARK SHELLS OF <i>CONCHOLEPAS CONCHOLEPAS</i> (GASTROPODA) AND <i>MESODESMA DONACIUM</i> (BIVALVIA). <i>Journal of Shellfish Research</i> , 2007, 26, 43-49.	0.3	47
8	Thriving and declining: climate variability shaping life-history and population persistence of <i>Mesodesma donacium</i> in the Humboldt Upwelling System. <i>Marine Ecology - Progress Series</i> , 2009, 385, 151-163.	0.9	47
9	Temperature effects on summer growth rates in the Antarctic scallop, <i>Adamussium colbecki</i> . <i>Polar Biology</i> , 2005, 28, 523-527.	0.5	42
10	A Metabolic Model for the Ocean Quahog <i>Arctica islandica</i> "Effects of Animal Mass and Age, Temperature, Salinity, and Geography on Respiration Rate. <i>Journal of Shellfish Research</i> , 2009, 28, 533-539.	0.3	42
11	Growth and Energy Budget Models of the Bivalve <i>Arctica islandica</i> at Six Different Sites in the Northeast Atlantic Realm. <i>Journal of Shellfish Research</i> , 2010, 29, 107-115.	0.3	39
12	Distribution and composition of macrozoobenthic communities along a Victoria-Land Transect (Ross) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	36
13	Physiological ageing in a temperate and a polar swimming scallop. <i>Marine Ecology - Progress Series</i> , 2006, 307, 187-198.	0.9	36
14	Infestation of the surf clam <i>Mesodesma donacium</i> by the spionid polychaete <i>Polydora biocipitalis</i> . <i>Journal of Sea Research</i> , 2008, 59, 217-227.	0.6	35
15	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
16	Influence of temperature on the zoal 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.	0.7	28
17	Succession and seasonal onset of colonization in subtidal hard-bottom communities off northern Chile. <i>Marine Ecology</i> , 2011, 32, 75-87.	0.4	26
18	In vitro protein synthesis capacities in a cold stenothermal and a temperate eurythermal pectinid. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2003, 173, 611-620.	0.7	25

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19	Environmental stress and parasitism as drivers of population dynamics of <i>Mesodesma donacium</i> at its northern biogeographic range. <i>ICES Journal of Marine Science</i> , 2011, 68, 823-833.	1.2	23
20	Antarctic scallop (<i>Adamussium colbecki</i>) annual growth rate at Terra Nova Bay. <i>Polar Biology</i> , 2003, 26, 416-419.	0.5	22
21	Population dynamics and metabolism of <i>Aequipecten opercularis</i> (L.) from the western English Channel (Roscoff, France). <i>Journal of Sea Research</i> , 2004, 52, 33-44.	0.6	22
22	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.	0.4	21
23	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
24	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.	0.7	20
25	Population dynamics of the tropical bivalve <i>Cardita affinis</i> from Mijlaga Bay, Colombian Pacific related to La Niña 1999-2000. <i>Helgoland Marine Research</i> , 2008, 62, 63-71.	1.3	15
26	Testing stress responses of the bivalve <i>Protothaca thacato</i> El Niño-La Niña thermal conditions. <i>Marine Biology Research</i> , 2012, 8, 654-661.	0.3	14
27	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.	0.5	10
28	Physiological capacity of <i>Cancer setosus</i> larvae - Adaptation to El Niño Southern Oscillation conditions. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 413, 100-105.	0.7	10
29	Understanding El Niño - The importance of Grey Literature in Coastal Ecosystem Research and Management. <i>Marine Policy</i> , 2007, 31, 85-93.	1.5	9
30	Long-term parasitic association between the boring polychaete <i>Polydora biocipitalis</i> and <i>Mesodesma donacium</i> . <i>Diseases of Aquatic Organisms</i> , 2009, 85, 209-215.	0.5	8
31	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.	0.4	5
32	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.	0.5	3
33	Metabolic rate and growth in the temperate bivalve <i>Mercenaria mercenaria</i> at a biogeographical limit, from the English Channel - ERRATUM. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2011, 91, 1719-1719.	0.4	0