Lars Boehme

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8862792/publications.pdf

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56	2,574	236925	206112
papers	citations	25 h-index	48 g-index

64	64	64	2935
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ice front retreat reconfigures meltwater-driven gyres modulating ocean heat delivery to an Antarctic ice shelf. Nature Communications, 2022, 13, 306.	12.8	10
2	Environmental drivers of population-level variation in the migratory and diving ontogeny of an Arctic top predator. Royal Society Open Science, 2022, 9, 211042.	2.4	5
3	A Novel Approach to Using Seabed Geomorphology as a Predictor of Habitat Use in Highly Mobile Marine Predators: Implications for Ecology and Conservation. Frontiers in Marine Science, 2022, 9, .	2.5	2
4	Variation in the postâ€smolt growth pattern of wild one seaâ€winter salmon (<i>Salmo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (s <scp>A</scp>tlantic <scp>O</scp>cean. Journal of Fish Biology, 2021, 98, 6-16.	1.6	14
5	Winter seal-based observations reveal glacial meltwater surfacing in the southeastern Amundsen Sea. Communications Earth & Environment, 2021, 2, .	6.8	14
6	Classifying Oceanographic Structures in the Amundsen Sea, Antarctica. Geophysical Research Letters, 2021, 48, e2020GL089412.	4.0	13
7	Pathways and modification of warm water flowing beneath Thwaites Ice Shelf, West Antarctica. Science Advances, 2021, 7, .	10.3	39
8	Animal Borne Ocean Sensors â€“ AniBOS â€“ An Essential Component of the Global Ocean Observing System. Frontiers in Marine Science, 2021, 8, .	2.5	30
9	Using Predicted Patterns of 3D Prey Distribution to Map King Penguin Foraging Habitat. Frontiers in Marine Science, 2021, 8, .	2.5	5
10	Towards the integration of animalâ€borne instruments into global ocean observing systems. Global Change Biology, 2020, 26, 586-596.	9.5	34
11	Microplastic study reveals the presence of natural and synthetic fibres in the diet of King Penguins (Aptenodytes patagonicus) foraging from South Georgia. Environment International, 2020, 134, 105303.	10.0	115
12	Sex-specific variation in the use of vertical habitat by a resident Antarctic top predator. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201447.	2.6	9
13	Habitat Partitioning in Sympatric Delphinids Around the Falkland Islands: Predicting Distributions Based on a Limited Data Set. Frontiers in Marine Science, 2020, 7, .	2.5	16
14	Tracking of marine predators to protect Southern Ocean ecosystems. Nature, 2020, 580, 87-92.	27.8	156
15	The retrospective analysis of Antarctic tracking data project. Scientific Data, 2020, 7, 94.	5.3	27
16	Evaluating the effectiveness of a large multiâ€use MPA in protecting Key Biodiversity Areas for marine predators. Diversity and Distributions, 2020, 26, 715-729.	4.1	33
17	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. Frontiers in Marine Science, 2019, 6, .	2.5	127
18	An Integrated Approach to Coastal and Biological Observations. Frontiers in Marine Science, 2019, 6, .	2.5	11

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19	The importance of Southern Ocean frontal systems for the improvement of body condition in southern elephant seals. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 283-304.	2.0	4
20	Sexâ€related differences in the postmolt distribution of Weddell seals (Leptonychotes weddellii) in the southern Weddell Sea. Marine Mammal Science, 2018, 34, 403-419.	1.8	8
21	Subglacial discharge plume behaviour revealed by CTD-instrumented ringed seals. Scientific Reports, 2018, 8, 13467.	3.3	27
22	Variation in the Distribution and Properties of Circumpolar Deep Water in the Eastern Amundsen Sea, on Seasonal Timescales, Using Sealâ€Borne Tags. Geophysical Research Letters, 2018, 45, 4982-4990.	4.0	33
23	Ocean Observations Using Tagged Animals. Oceanography, 2017, 30, 139-139.	1.0	27
24	Marine Mammals Exploring the Oceans Pole to Pole: A Review of the MEOP Consortium. Oceanography, 2017, 30, 132-138.	1.0	123
25	Between the Devil and the Deep Blue Sea: The Role of the Amundsen Sea Continental Shelf in Exchanges Between Ocean and Ice Shelves. , 2016, 29, 118-129.		36
26	Bimodal Winter Haul-Out Patterns of Adult Weddell Seals (Leptonychotes weddellii) in the Southern Weddell Sea. PLoS ONE, 2016, 11, e0155817.	2.5	12
27	Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories. Ecosphere, 2016, 7, e01213.	2.2	126
28	An alternative method for correcting fluorescence quenching. Ocean Science, 2015, 11, 83-91.	3.4	25
29	Fishing for drifts: detecting buoyancy changes of a top marine predator using a step-wise filtering method. Journal of Experimental Biology, 2015, 218, 3816-24.	1.7	13
30	Drift Diving by Hooded Seals (Cystophora cristata) in the Northwest Atlantic Ocean. PLoS ONE, 2014, 9, e103072.	2.5	11
31	Seasonal variability of the warm Atlantic water layer in the vicinity of the Greenland shelf break. Geophysical Research Letters, 2014, 41, 8530-8537.	4.0	14
32	A Southern Indian Ocean database of hydrographic profiles obtained with instrumented elephant seals. Scientific Data, 2014, 1, 140028.	5.3	110
33	Comparison of gridded sea surface temperature datasets for marine ecosystem studies. Marine Ecology - Progress Series, 2014, 516, 7-22.	1.9	7
34	Wintertime Water Mass Modification near an Antarctic Ice Front. Journal of Physical Oceanography, 2013, 43, 359-365.	1.7	26
35	Control of Mode and Intermediate Water Mass Properties in Drake Passage by the Amundsen Sea Low. Journal of Climate, 2013, 26, 5102-5123.	3.2	22
36	Estimates of the Southern Ocean general circulation improved by animalâ€borne instruments. Geophysical Research Letters, 2013, 40, 6176-6180.	4.0	108

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37	Investigating Annual Diving Behaviour by Hooded Seals (Cystophora cristata) within the Northwest Atlantic Ocean. PLoS ONE, 2013, 8, e80438.	2.5	15
38	Seasonal inflow of warm water onto the southern Weddell Sea continental shelf, Antarctica. Geophysical Research Letters, 2012, 39, .	4.0	41
39	How Many Seals Were There? The Global Shelf Loss during the Last Glacial Maximum and Its Effect on the Size and Distribution of Grey Seal Populations. PLoS ONE, 2012, 7, e53000.	2.5	14
40	Refining instrument attachment on phocid seals. Marine Mammal Science, 2012, 28, E325.	1.8	42
41	Elephant seal foraging dives track prey distribution, not temperature: Comment on McIntyre et al. (2011). Marine Ecology - Progress Series, 2012, 461, 293-298.	1.9	10
42	Temperature signature of high latitude Atlantic boundary currents revealed by marine mammalâ€borne sensor and Argo data. Geophysical Research Letters, 2011, 38, .	4.0	20
43	Seasonal evolution of the upper-ocean adjacent to the South Orkney Islands, Southern Ocean: Results from a â€œlazy biological mooringâ€• Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 1569-1579.	1.4	34
44	Delayed-Mode Calibration of Hydrographic Data Obtained from Animal-Borne Satellite Relay Data Loggers. Journal of Atmospheric and Oceanic Technology, 2011, 28, 787-801.	1.3	83
45	Biologging in the Global Ocean Observing System. , 2010, , .		15
46	Guidelines Towards an Integrated Ocean Observation System for Ecosystems and Biogeochemical Cycles. , 2010, , .		26
47	Integrating the Ocean Observing System: Mobile Platforms. , 2010, , .		17
48	Technical Note: Animal-borne CTD-Satellite Relay Data Loggers for real-time oceanographic data collection. Ocean Science, 2009, 5, 685-695.	3.4	146
49	Antarctic Circumpolar Current frontal system in the South Atlantic: Monitoring using merged Argo and animalâ€borne sensor data. Journal of Geophysical Research, 2008, 113, .	3.3	66
50	Wintertime ocean conditions over the southern Weddell Sea continental shelf, Antarctica. Geophysical Research Letters, 2008, 35, .	4.0	51
51	Southern Ocean frontal structure and sea-ice formation rates revealed by elephant seals. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11634-11639.	7.1	152
52	Monitoring Drake Passage with elephant seals: Frontal structures and snapshots of transport. Limnology and Oceanography, 2008, 53, 2350-2360.	3.1	43
53	Variations in behavior and condition of a Southern Ocean top predator in relation to in situ oceanographic conditions. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13705-13710.	7.1	291
54	Erratum to â€œObjective analyses of hydrographic data for referencing profiling float salinities in highly variable environmentsâ€• Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 246.	1.4	2

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55	Objective analyses of hydrographic data for referencing profiling float salinities in highly variable environments. Deep-Sea Research Part II: Topical Studies in Oceanography, 2005, 52, 651-664.	1.4	97
56	Sympatric Seals, Satellite Tracking and Protected Areas: Habitat-Based Distribution Estimates for Conservation and Management. Frontiers in Marine Science, 0, 9, .	2.5	4