

# Christine Erbe

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

3,148  
citations

218381

26  
h-index

168136

53  
g-index

111  
all docs

111  
docs citations

111  
times ranked

2079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sounding the Call for a Global Library of Underwater Biological Sounds. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	28
2	Seasonal Distribution of the Fin Whale ( <i>Balaenoptera physalus</i> ) in Antarctic and Australian Waters Based on Passive Acoustics. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	3
3	Underwater Chatter for the Win: A First Assessment of Underwater Soundscapes in Two Bays along the Eastern Cape Coast of South Africa. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 746.	1.2	7
4	Seasonal productivity drives aggregations of killer whales and other cetaceans over submarine canyons of the Bremer Sub-Basin, south-western Australia. <i>Australian Mammalogy</i> , 2021, 43, 168.	0.7	7
5	Minding the Data-Gap Trap: Exploring Dynamics of Abundant Dolphin Populations Under Uncertainty. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
6	The soundscape of the Anthropocene ocean. <i>Science</i> , 2021, 371, .	6.0	376
7	Marine Acoustic Zones of Australia. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 340.	1.2	6
8	It Often Howls More than It Chugs: Wind versus Ship Noise Under Water in Australia's Maritime Regions. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 472.	1.2	9
9	A Review and Meta-Analysis of Underwater Noise Radiated by Small (<25 m Length) Vessels. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 827.	1.2	19
10	Above and below: Military Aircraft Noise in Air and under Water at Whidbey Island, Washington. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 923.	1.2	4
11	Introduction to the special issue on the effects of sound on aquatic life. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 934-938.	0.5	9
12	Editorial: Impacts of Shipping on Marine Fauna. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	7
13	Australian long-finned pilot whales ( <i>Globicephala melas</i> ) emit stereotypical, variable, biphonic, multi-component, and sequenced vocalisations, similar to those recorded in the northern hemisphere. <i>Scientific Reports</i> , 2020, 10, 20609.	1.6	10
14	Automatic detectors for low-frequency vocalizations of Omura's whales, <i>Balaenoptera omurai</i> : A performance comparison. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 3078-3090.	0.5	7
15	Cold call: the acoustic repertoire of Ross Sea killer whales ( <i>Orcinus orca</i> , Type C) in McMurdo Sound, Antarctica. <i>Royal Society Open Science</i> , 2020, 7, 191228.	1.1	19
16	Matching Signature Whistles with Photo-Identification of Indo-Pacific Bottlenose Dolphins ( <i>Tursiops</i> )	1.4	3
17	Non-song Vocalizations of Humpback Whales in Western Australia. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	11
18	Reducing vessel noise: An example of a solar-electric passenger ferry. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 3575-3583.	0.5	18

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19	Chronic ocean noise and cetacean population models. <i>Journal of Cetacean Research and Management</i> , 2020, 21, .	0.3	12
20	Managing the Effects of Noise From Ship Traffic, Seismic Surveying and Construction on Marine Mammals in Antarctica. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	33
21	The Effects of Ship Noise on Marine Mammals—A Review. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	193
22	Overview of the Fifth International Conference on the Effects of Noise on Aquatic Life. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	3
23	Soundscape diversity in the Great Barrier Reef: Lizard Island, a case study. <i>Bioacoustics</i> , 2018, 27, 295-311.	0.7	26
24	Underwater noise from airplanes: An overlooked source of ocean noise. <i>Marine Pollution Bulletin</i> , 2018, 137, 656-661.	2.3	35
25	A General Purpose Automatic Detector of Broadband Transient Signals in Underwater Audio. , 2018, , .		1
26	Effects of Noise on Marine Mammals. <i>Springer Handbook of Auditory Research</i> , 2018, , 277-309.	0.3	53
27	Effect on Ocean Noise: Nyepi, a Balinese Day of Silence. <i>Oceanography</i> , 2018, 31, .	0.5	7
28	Occupancy of bottlenose dolphins ( <i>Tursiops aduncus</i> ) in relation to vessel traffic, dredging, and environmental variables within a highly urbanised estuary. <i>Hydrobiologia</i> , 2017, 792, 243-263.	1.0	22
29	Underwater noise from geotechnical drilling and standard penetration testing. <i>Journal of the Acoustical Society of America</i> , 2017, 142, EL281-EL285.	0.5	11
30	Effects of vessel traffic and underwater noise on the movement, behaviour and vocalisations of bottlenose dolphins in an urbanised estuary. <i>Scientific Reports</i> , 2017, 7, 13437.	1.6	56
31	Underwater recordings of the whistles of bottlenose dolphins in Fremantle Inner Harbour, Western Australia. <i>Scientific Data</i> , 2017, 4, 170126.	2.4	8
32	Developing an Underwater Sound Recorder: The Long and Short (Time) of It.... <i>Acoustics Australia</i> , 2017, 45, 301-311.	1.4	27
33	Underwater particle motion (acceleration, velocity and displacement) from recreational swimmers, divers, surfers and kayakers. <i>Acoustics Australia</i> , 2017, 45, 293-299.	1.4	5
34	Patterns of biophonic periodicity on coral reefs in the Great Barrier Reef. <i>Scientific Reports</i> , 2017, 7, 17459.	1.6	31
35	A Tale of Two Soundscapes: Comparing the Acoustic Characteristics of Urban Versus Pristine Coastal Dolphin Habitats in Western Australia. <i>Acoustics Australia</i> , 2017, 45, 159-178.	1.4	12
36	Review of Underwater and In-Air Sounds Emitted by Australian and Antarctic Marine Mammals. <i>Acoustics Australia</i> , 2017, 45, 179-241.	1.4	49

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37	Spatial and Temporal Variation in the Acoustic Habitat of Bottlenose Dolphins ( <i>Tursiops aduncus</i> ) within a Highly Urbanized Estuary. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	18
38	Long-term monitoring of soundscapes and deciphering a usable index: Examples of fish choruses from Australia. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	11
39	A generic system for the automatic extraction of narrowband signals of biological origin in underwater audio. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	3
40	Comparison of soundscape contributors between two neighboring southern right whale nursing areas along the South African coast. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	4
41	Killer Whale ( <i>Orcinus orca</i> ) Predation on Beaked Whales ( <i>Mesoplodon</i> spp.) in the Bremer Sub-Basin, Western Australia. <i>PLoS ONE</i> , 2016, 11, e0166670.	1.1	24
42	Overview of the Fourth International Conference on the Effects of Noise on Aquatic Life. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	4
43	Underwater Acoustic Signatures of Recreational Swimmers, Divers, Surfers and Kayakers. <i>Acoustics Australia</i> , 2016, 44, 333-341.	1.4	10
44	Underwater sound of rigid-hulled inflatable boats. <i>Journal of the Acoustical Society of America</i> , 2016, 139, EL223-EL227.	0.5	31
45	Issues associated with sound exposure experiments in tanks. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	22
46	Revisiting acoustic deterrence devices: Long-term bycatch data from South Africa's bather protection nets. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	2
47	Underwater Sound in an Urban Estuarine River: Sound Sources, Soundscape Contribution, and Temporal Variability. <i>Acoustics Australia</i> , 2016, 44, 171-186.	1.4	21
48	Summary Report Panel 1: The Need for Protocols and Standards in Research on Underwater Noise Impacts on Marine Life. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 1265-1271.	0.8	4
49	Communication masking in marine mammals: A review and research strategy. <i>Marine Pollution Bulletin</i> , 2016, 103, 15-38.	2.3	289
50	Whistle Characteristics of Indo-Pacific Bottlenose Dolphins ( <i>Tursiops aduncus</i> ) in the Fremantle Inner Harbour, Western Australia. <i>Acoustics Australia</i> , 2016, 44, 159-169.	1.4	20
51	Characterizing Marine Soundscapes. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 265-271.	0.8	10
52	Automatic detection of echolocation clicks based on a Gabor model of their waveform. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 3077-3086.	0.5	16
53	Vocalisations of Killer Whales ( <i>Orcinus orca</i> ) in the Bremer Canyon, Western Australia. <i>PLoS ONE</i> , 2015, 10, e0136535.	1.1	21
54	Impacts of anthropogenic noise on marine life: Publication patterns, new discoveries, and future directions in research and management. <i>Ocean and Coastal Management</i> , 2015, 115, 17-24.	2.0	267

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55	The marine soundscape of the Perth Canyon. <i>Progress in Oceanography</i> , 2015, 137, 38-51.	1.5	100
56	Quiet(er) marine protected areas. <i>Marine Pollution Bulletin</i> , 2015, 100, 154-161.	2.3	94
57	The Maskogram: A Tool to Illustrate Zones of Masking. <i>Aquatic Mammals</i> , 2015, 41, 434-443.	0.4	6
58	Identifying Modeled Ship Noise Hotspots for Marine Mammals of Canada's Pacific Region. <i>PLoS ONE</i> , 2014, 9, e89820.	1.1	75
59	Severity of killer whale behavioral responses to ship noise: A doseâ€“response study. <i>Marine Pollution Bulletin</i> , 2014, 79, 254-260.	2.3	67
60	Underwater noise from offshore oil production vessels. <i>Journal of the Acoustical Society of America</i> , 2013, 133, EL465-EL470.	0.5	24
61	Underwater noise of small personal watercraft (jet skis). <i>Journal of the Acoustical Society of America</i> , 2013, 133, EL326-EL330.	0.5	33
62	Monitoring and Mitigating Bioacoustic Impacts from Seismic Surveys - The Australian Perspective. , 2013, , .		0
63	Mapping cumulative noise from shipping to inform marine spatial planning. <i>Journal of the Acoustical Society of America</i> , 2012, 132, EL423-EL428.	0.5	138
64	Streamlining the Environmental Impact Assessment Process of Underwater Noise from Petroleum Exploration & Production Operations. , 2012, , .		0
65	Effects of Underwater Noise on Marine Mammals. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 17-22.	0.8	32
66	Modeling Cumulative Sound Exposure Over Large Areas, Multiple Sources, and Long Durations. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 477-479.	0.8	1
67	Marine Mammal Acoustics Exposure Analysis Models Used in US Navy Environmental Impact Statements. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 551-556.	0.8	2
68	Acoustic characterisation of bycatch mitigation pingers on shark control nets in Queensland, Australia. <i>Endangered Species Research</i> , 2012, 19, 109-121.	1.2	13
69	An International Quiet Ocean Experiment. <i>Oceanography</i> , 2011, 24, 174-181.	0.5	67
70	Modeling cumulative sound exposure around marine seismic surveys. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 2443-2451.	0.5	17
71	Principles of Marine Bioacoustics by W.W. L. Au and M. C. Hastings. <i>Marine Mammal Science</i> , 2009, 25, 755-757.	0.9	0
72	Automatic detection of marine mammals using information entropy. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 2833-2840.	0.5	46

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73	Critical ratios of beluga whales ( <i>Delphinapterus leucas</i> ) and masked signal duration. Journal of the Acoustical Society of America, 2008, 124, 2216-2223.	0.5	41
74	ASSESSING THE IMPACT OF UNDERWATER NOISE ON MARINE FAUNA: A SOFTWARE TOOL. Bioacoustics, 2008, 17, 241-243.	0.7	0
75	UNDERWATER NOISE OF WHALE-WATCHING BOATS AND POTENTIAL EFFECTS ON KILLER WHALES (ORCINUS) Tj ETOq1 1 0,784314 0.9 217	0.9	217
76	Zones of impact around icebreakers affecting beluga whales in the Beaufort Sea. Journal of the Acoustical Society of America, 2000, 108, 1332.	0.5	68
77	Detection of whale calls in noise: Performance comparison between a beluga whale, human listeners, and a neural network. Journal of the Acoustical Society of America, 2000, 108, 297-303.	0.5	31
78	A software model to estimate zones of impact on marine mammals around anthropogenic noise. Journal of the Acoustical Society of America, 2000, 108, 1327.	0.5	31
79	Computer models for masked hearing experiments with beluga whales ( <i>Delphinapterus leucas</i> ). Journal of the Acoustical Society of America, 1999, 105, 2967-2978.	0.5	14
80	Masked hearing thresholds of a beluga whale ( <i>Delphinapterus leucas</i> ) in icebreaker noise. Deep-Sea Research Part II: Topical Studies in Oceanography, 1998, 45, 1373-1388.	0.6	46
81	Zones of masking around icebreakers affecting beluga whales. Journal of the Acoustical Society of America, 1997, 102, 3102-3102.	0.5	2
82	Auditory masking of whale communication by ship noise. Journal of the Acoustical Society of America, 1996, 100, 2611-2611.	0.5	2
83	Aerial and underwater sound of unmanned aerial vehicles (UAV, drones). Journal of Unmanned Vehicle Systems, 0, , .	0.6	21