

Christine Erbe

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

3,148
citations

218677

26
h-index

168389

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, . | 2.2 | 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, . | 2.5 | 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. | 2.6 | 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. | 1.1 | 7 |
| 5 | Minding the Data-Gap Trap: Exploring Dynamics of Abundant Dolphin Populations Under Uncertainty. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 8 |
| 6 | The soundscape of the Anthropocene ocean. <i>Science</i> , 2021, 371, . | 12.6 | 376 |
| 7 | Marine Acoustic Zones of Australia. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 340. | 2.6 | 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. | 2.6 | 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. | 2.6 | 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. | 2.6 | 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. | 1.1 | 9 |
| 12 | Editorial: Impacts of Shipping on Marine Fauna. <i>Frontiers in Marine Science</i> , 2020, 7, . | 2.5 | 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. | 3.3 | 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. | 1.1 | 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. | 2.4 | 19 |
| 16 | Matching Signature Whistles with Photo-Identification of Indo-Pacific Bottlenose Dolphins (<i>Tursiops</i>) | 2.4 | 3 |
| 17 | Non-song Vocalizations of Humpback Whales in Western Australia. <i>Frontiers in Marine Science</i> , 2020, 7, . | 2.5 | 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. | 1.1 | 18 |

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|----|---|-----|-----------|
| 19 | Chronic ocean noise and cetacean population models. <i>Journal of Cetacean Research and Management</i> , 2020, 21, . | 0.4 | 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, . | 2.5 | 33 |
| 21 | The Effects of Ship Noise on Marine Mammals—A Review. <i>Frontiers in Marine Science</i> , 2019, 6, . | 2.5 | 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. | 1.7 | 26 |
| 24 | Underwater noise from airplanes: An overlooked source of ocean noise. <i>Marine Pollution Bulletin</i> , 2018, 137, 656-661. | 5.0 | 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. | 0.7 | 53 |
| 27 | Effect on Ocean Noise: Nyepi, a Balinese Day of Silence. <i>Oceanography</i> , 2018, 31, . | 1.0 | 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. | 2.0 | 22 |
| 29 | Underwater noise from geotechnical drilling and standard penetration testing. <i>Journal of the Acoustical Society of America</i> , 2017, 142, EL281-EL285. | 1.1 | 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. | 3.3 | 56 |
| 31 | Underwater recordings of the whistles of bottlenose dolphins in Fremantle Inner Harbour, Western Australia. <i>Scientific Data</i> , 2017, 4, 170126. | 5.3 | 8 |
| 32 | Developing an Underwater Sound Recorder: The Long and Short (Time) of It.... <i>Acoustics Australia</i> , 2017, 45, 301-311. | 2.4 | 27 |
| 33 | Underwater particle motion (acceleration, velocity and displacement) from recreational swimmers, divers, surfers and kayakers. <i>Acoustics Australia</i> , 2017, 45, 293-299. | 2.4 | 5 |
| 34 | Patterns of biophonic periodicity on coral reefs in the Great Barrier Reef. <i>Scientific Reports</i> , 2017, 7, 17459. | 3.3 | 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. | 2.4 | 12 |
| 36 | Review of Underwater and In-Air Sounds Emitted by Australian and Antarctic Marine Mammals. <i>Acoustics Australia</i> , 2017, 45, 179-241. | 2.4 | 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, . | 2.5 | 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. | 2.5 | 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. | 2.4 | 10 |
| 44 | Underwater sound of rigid-hulled inflatable boats. <i>Journal of the Acoustical Society of America</i> , 2016, 139, EL223-EL227. | 1.1 | 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. | 2.4 | 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. | 1.6 | 4 |
| 49 | Communication masking in marine mammals: A review and research strategy. <i>Marine Pollution Bulletin</i> , 2016, 103, 15-38. | 5.0 | 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. | 2.4 | 20 |
| 51 | Characterizing Marine Soundscapes. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 265-271. | 1.6 | 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. | 1.1 | 16 |
| 53 | Vocalisations of Killer Whales (<i>Orcinus orca</i>) in the Bremer Canyon, Western Australia. <i>PLoS ONE</i> , 2015, 10, e0136535. | 2.5 | 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. | 4.4 | 267 |

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|----|--|-----|-----------|
| 55 | The marine soundscape of the Perth Canyon. <i>Progress in Oceanography</i> , 2015, 137, 38-51. | 3.2 | 100 |
| 56 | Quiet(er) marine protected areas. <i>Marine Pollution Bulletin</i> , 2015, 100, 154-161. | 5.0 | 94 |
| 57 | The Maskogram: A Tool to Illustrate Zones of Masking. <i>Aquatic Mammals</i> , 2015, 41, 434-443. | 0.7 | 6 |
| 58 | Identifying Modeled Ship Noise Hotspots for Marine Mammals of Canada's Pacific Region. <i>PLoS ONE</i> , 2014, 9, e89820. | 2.5 | 75 |
| 59 | Severity of killer whale behavioral responses to ship noise: A doseâ€“response study. <i>Marine Pollution Bulletin</i> , 2014, 79, 254-260. | 5.0 | 67 |
| 60 | Underwater noise from offshore oil production vessels. <i>Journal of the Acoustical Society of America</i> , 2013, 133, EL465-EL470. | 1.1 | 24 |
| 61 | Underwater noise of small personal watercraft (jet skis). <i>Journal of the Acoustical Society of America</i> , 2013, 133, EL326-EL330. | 1.1 | 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. | 1.1 | 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. | 1.6 | 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. | 1.6 | 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. | 1.6 | 2 |
| 68 | Acoustic characterisation of bycatch mitigation pingers on shark control nets in Queensland, Australia. <i>Endangered Species Research</i> , 2012, 19, 109-121. | 2.4 | 13 |
| 69 | An International Quiet Ocean Experiment. <i>Oceanography</i> , 2011, 24, 174-181. | 1.0 | 67 |
| 70 | Modeling cumulative sound exposure around marine seismic surveys. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 2443-2451. | 1.1 | 17 |
| 71 | Principles of Marine Bioacoustics by W.W. L. Au and M. C. Hastings. <i>Marine Mammal Science</i> , 2009, 25, 755-757. | 1.8 | 0 |
| 72 | Automatic detection of marine mammals using information entropy. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 2833-2840. | 1.1 | 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. | 1.1 | 41 |
| 74 | ASSESSING THE IMPACT OF UNDERWATER NOISE ON MARINE FAUNA: A SOFTWARE TOOL. Bioacoustics, 2008, 17, 241-243. | 1.7 | 0 |
| 75 | UNDERWATER NOISE OF WHALE-WATCHING BOATS AND POTENTIAL EFFECTS ON KILLER WHALES (ORCINUS) Tj ETOq1 1 0,784314 | 1.8 | 217 |
| 76 | Zones of impact around icebreakers affecting beluga whales in the Beaufort Sea. Journal of the Acoustical Society of America, 2000, 108, 1332. | 1.1 | 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. | 1.1 | 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. | 1.1 | 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. | 1.1 | 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. | 1.4 | 46 |
| 81 | Zones of masking around icebreakers affecting beluga whales. Journal of the Acoustical Society of America, 1997, 102, 3102-3102. | 1.1 | 2 |
| 82 | Auditory masking of whale communication by ship noise. Journal of the Acoustical Society of America, 1996, 100, 2611-2611. | 1.1 | 2 |
| 83 | Aerial and underwater sound of unmanned aerial vehicles (UAV, drones). Journal of Unmanned Vehicle Systems, 0, , . | 1.2 | 21 |