

Susan E Parks

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

3,668
citations

201674
27
h-index

144013
57
g-index

120
all docs

120
docs citations

120
times ranked

2500
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence that ship noise increases stress in right whales. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2363-2368.	2.6	406
2	Measuring acoustic habitats. Methods in Ecology and Evolution, 2015, 6, 257-265.	5.2	359
3	Management and research applications of real-time and archival passive acoustic sensors over varying temporal and spatial scales. Marine Ecology - Progress Series, 2009, 395, 21-36.	1.9	270
4	Short- and long-term changes in right whale calling behavior: The potential effects of noise on acoustic communication. Journal of the Acoustical Society of America, 2007, 122, 3725-3731.	1.1	220
5	Individual right whales call louder in increased environmental noise. Biology Letters, 2011, 7, 33-35.	2.3	219
6	Sound production by North Atlantic right whales (<i>Eubalaena glacialis</i>) in surface active groups. Journal of the Acoustical Society of America, 2005, 117, 3297-3306.	1.1	128
7	Long-term passive acoustic recordings track the changing distribution of North Atlantic right whales (<i>Eubalaena glacialis</i>) from 2004 to 2014. Scientific Reports, 2017, 7, 13460.	3.3	120
8	Why whales are big but not bigger: Physiological drivers and ecological limits in the age of ocean giants. Science, 2019, 366, 1367-1372.	12.6	109
9	Common humpback whale (<i>Megaptera novaeangliae</i>) sound types for passive acoustic monitoring. Journal of the Acoustical Society of America, 2011, 129, 476-482.	1.1	102
10	Evidence for ship noise impacts on humpback whale foraging behaviour. Biology Letters, 2016, 12, 20160005.	2.3	101
11	Variability in ambient noise levels and call parameters of North Atlantic right whales in three habitat areas. Journal of the Acoustical Society of America, 2009, 125, 1230-1239.	1.1	98
12	Sound production behavior of individual North Atlantic right whales: implications for passive acoustic monitoring. Endangered Species Research, 2011, 15, 63-76.	2.4	97
13	Traffic noise causes physiological stress and impairs breeding migration behaviour in frogs. , 2014, 2, cou032-cou032.		90
14	Assessing marine ecosystem acoustic diversity across ocean basins. Ecological Informatics, 2014, 21, 81-88.	5.2	85
15	The Lombard effect and other noise-induced vocal modifications: insight from mammalian communication systems. Biological Reviews, 2013, 88, 809-824.	10.4	83
16	Exploring movement patterns and changing distributions of baleen whales in the western North Atlantic using a decade of passive acoustic data. Global Change Biology, 2020, 26, 4812-4840.	9.5	64
17	Dangerous dining: surface foraging of North Atlantic right whales increases risk of vessel collisions. Biology Letters, 2012, 8, 57-60.	2.3	54
18	Evidence for acoustic communication among bottom foraging humpback whales. Scientific Reports, 2014, 4, 7508.	3.3	54

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19	THE GUNSHOT SOUND PRODUCED BY MALE NORTH ATLANTIC RIGHT WHALES (<i>EUBALAENA GLACIALIS</i>) AND ITS POTENTIAL FUNCTION IN REPRODUCTIVE ADVERTISEMENT. <i>Marine Mammal Science</i> , 2005, 21, 458-475.	1.8	53
20	Anatomical predictions of hearing in the North Atlantic right whale. <i>Anatomical Record</i> , 2007, 290, 734-744.	1.4	47
21	Detection and Recognition of North Atlantic Right Whale Contact Calls in the Presence of Ambient Noise. <i>IEEE Journal of Oceanic Engineering</i> , 2009, 34, 358-368.	3.8	46
22	Population-level lateralized feeding behaviour in North Atlantic humpback whales, <i>Megaptera novaeangliae</i> . <i>Animal Behaviour</i> , 2011, 82, 901-909.	1.9	38
23	Cooperative learning tasks in a Grade 6 intensive ESL class: Role of scaffolding. <i>Language Teaching Research</i> , 2013, 17, 188-209.	4.0	37
24	Acoustic propagation modeling indicates vocal compensation in noise improves communication range for North Atlantic right whales. <i>Endangered Species Research</i> , 2016, 30, 225-237.	2.4	33
25	RESPONSE OF NORTH ATLANTIC RIGHT WHALES (<i>EUBALAENA GLACIALIS</i>) TO PLAYBACK OF CALLS RECORDED FROM SURFACE ACTIVE GROUPS IN BOTH THE NORTH AND SOUTH ATLANTIC. <i>Marine Mammal Science</i> , 2003, 19, 563-580.	1.8	32
26	Foraging rates of ramâ€œfiltering North Atlantic right whales. <i>Functional Ecology</i> , 2019, 33, 1290-1306.	3.6	31
27	OCCURRENCE, COMPOSITION, AND POTENTIAL FUNCTIONS OF NORTH ATLANTIC RIGHT WHALE (<i>EUBALAENA GLACIALIS</i>) SURFACE ACTIVE GROUPS. <i>Marine Mammal Science</i> , 2007, 23, 868-887.	1.8	30
28	Annual changes in the winter song of bowhead whales (<i>Balaena mysticetus</i>) in Disko Bay, Western Greenland. <i>Marine Mammal Science</i> , 2011, 27, E241.	1.8	30
29	Source levels and call parameters of harbor seal breeding vocalizations near a terrestrial haulout site in Glacier Bay National Park and Preserve. <i>Journal of the Acoustical Society of America</i> , 2017, 141, EL274-EL280.	1.1	30
30	Seasonal changes in the vocal behavior of bowhead whales (<i>Balaena mysticetus</i>) in Disko Bay, Western-Greenland. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 1570-1580.	1.1	29
31	Bottom sideâ€œroll feeding by humpback whales (<i>Megaptera novaeangliae</i>) in the southern Gulf of Maine, U.S.A. <i>Marine Mammal Science</i> , 2014, 30, 494-511.	1.8	29
32	Evidence for simultaneous sound production in the bowhead whale (<i>Balaena mysticetus</i>). <i>Journal of the Acoustical Society of America</i> , 2011, 130, 2257-2262.	1.1	26
33	Raising a racket: invasive species compete acoustically with native treefrogs. <i>Animal Behaviour</i> , 2016, 114, 53-61.	1.9	25
34	Characteristics of gunshot sound displays by North Atlantic right whales in the Bay of Fundy. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 3173-3179.	1.1	23
35	Remote Acoustic Monitoring of North Atlantic Right Whales (<i>Eubalaena glacialis</i>) Reveals Seasonal and Diel Variations in Acoustic Behavior. <i>PLoS ONE</i> , 2014, 9, e91367.	2.5	23
36	Quantitative analysis of the acoustic repertoire of southern right whales in New Zealand. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 322-333.	1.1	22

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37	Calls of North Atlantic right whales <i>Eubalaena glacialis</i> contain information on individual identity and age class. <i>Endangered Species Research</i> , 2016, 30, 157-169.	2.4	22
38	Detecting marine mammals with an adaptive sub-sampling recorder in the Bering Sea. <i>Applied Acoustics</i> , 2010, 71, 1087-1092.	3.3	21
39	Frogs adapt to physiologically costly anthropogenic noise. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182194.	2.6	21
40	A lifetime of changing calls: North Atlantic right whales, <i>Eubalaena glacialis</i> , refine call production as they age. <i>Animal Behaviour</i> , 2018, 137, 21-34.	1.9	20
41	High Source Levels and Small Active Space of High-Pitched Song in Bowhead Whales (<i>Balaena t. t.</i>). <i>Journal of the Acoustical Society of America</i> , 2018, 144, 2501-2514.	2.5	20
42	Phenological changes in North Atlantic right whale habitat use in Massachusetts Bay. <i>Global Change Biology</i> , 2020, 26, 734-745.	9.5	19
43	The Role of Season, Tide, and Diel Period in the Presence of Harbor Seal (<i>Phoca vitulina</i>) Breeding Vocalizations in Glacier Bay National Park and Preserve, Alaska. <i>Aquatic Mammals</i> , 2017, 43, 537-546.	0.7	19
44	Seasonal Trends in Acoustic Detection of Ribbon Seal (<i>Histiophoca fasciata</i>) Vocalizations in the Bering Sea. <i>Aquatic Mammals</i> , 2011, 37, 464-471.	0.7	18
45	Acoustic crypsis in communication by North Atlantic right whale mother-calf pairs on the calving grounds. <i>Biology Letters</i> , 2019, 15, 20190485.	2.3	18
46	Noise-Induced Frequency Modifications of Tamarin Vocalizations: Implications for Noise Compensation in Nonhuman Primates. <i>PLoS ONE</i> , 2015, 10, e0130211.	2.5	18
47	Energetic and physical limitations on the breaching performance of large whales. <i>ELife</i> , 2020, 9, .	6.0	17
48	North Atlantic right whale (<i>Eubalaena glacialis</i>) acoustic behavior on the calving grounds. <i>Journal of the Acoustical Society of America</i> , 2019, 146, EL15-EL21.	1.1	16
49	Hierarchical foraging movement of humpback whales relative to the structure of their prey. <i>Marine Ecology - Progress Series</i> , 2018, 607, 237-250.	1.9	15
50	Vocalizations produced by southern right whale (<i>Eubalaena australis</i>) mother-calf pairs in a calving ground off Brazil. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 1850-1857.	1.1	11
51	Anthropogenic Noise and Physiological Stress in Wildlife. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 1145-1148.	1.6	11
52	An overview of North Atlantic right whale acoustic behavior, hearing capabilities, and responses to sound. <i>Marine Pollution Bulletin</i> , 2021, 173, 113043.	5.0	11
53	Divergence of a stereotyped call in northern resident killer whales. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 1067-1072.	1.1	9
54	Implementing conservation measures for the North Atlantic right whale: considering the behavioral ontogeny of mother-calf pairs. <i>Animal Conservation</i> , 2019, 22, 228-237.	2.9	9

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55	Acoustically advertising male harbour seals in southeast Alaska do not make biologically relevant acoustic adjustments in the presence of vessel noise. <i>Biology Letters</i> , 2020, 16, 20190795.	2.3	9
56	Effects of Increasing Temperature on Acoustic Advertisement in the Tettigoniidae. <i>Journal of Orthoptera Research</i> , 2016, 25, 39-47.	1.0	8
57	Vocal modifications in primates: Effects of noise and behavioral context on vocalization structure. <i>Proceedings of Meetings on Acoustics</i> , 2013, 19, .	0.3	7
58	Noise impacts on social sound production by foraging humpback whales. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	7
59	Humans, Fish, and Whales: How Right Whales Modify Calling Behavior in Response to Shifting Background Noise Conditions. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 809-813.	1.6	7
60	Listening to Their World:. , 2010, , 333-357.		7
61	A description of defensive hiss types in the flat horned hissing cockroach (<i>Aeluropoda insignis</i>). <i>Bioacoustics</i> , 2018, 27, 261-271.	1.7	6
62	Changes in Vocal Behavior of North Atlantic Right Whales in Increased Noise. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 317-320.	1.6	6
63	Modification of spectral features by nonhuman primates. <i>Behavioral and Brain Sciences</i> , 2014, 37, 574-576.	0.7	5
64	Female harbor seal (<i>Phoca vitulina</i>) behavioral response to playbacks of underwater male acoustic advertisement displays. <i>PeerJ</i> , 2018, 6, e4547.	2.0	5
65	Dive behavior of North Atlantic right whales on the calving ground in the Southeast USA: implications for conservation. <i>Endangered Species Research</i> , 2021, 46, 35-48.	2.4	5
66	Acoustic Communication:. , 2010, , 310-332.		5
67	Animal-borne tags provide insights into the acoustic communication of southern right whales (<i>Eubalaena australis</i>) on the calving grounds. <i>Journal of the Acoustical Society of America</i> , 2020, 147, EL498-EL503.	1.1	4
68	Upcall production by southern right whale (<i>Eubalaena australis</i>) mother-calf pairs may be independent of diel period in a nursery area. <i>Marine Mammal Science</i> , 2017, 33, 669-677.	1.8	3
69	On classification of environmental acoustic data using crowds. , 2017, , .		3
70	What Does Ecosystem Acoustics Reveal About Marine Mammals in the Bering Sea?. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 597-600.	1.6	3
71	Right Whales from North to South: Similarities and Differences in Acoustic Communication. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2022, , 297-327.	0.9	3
72	LONG- AND SHORT-TERM CHANGES IN RIGHT WHALE ACOUSTIC BEHAVIOR IN INCREASED LOW-FREQUENCY NOISE. <i>Bioacoustics</i> , 2008, 17, 179-180.	1.7	2

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73	Impacts of acoustic competition between invasive Cuban treefrogs and native treefrogs in southern Florida. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	2
74	The effect of group size on individual behavior of bubble-net feeding humpback whales in the southern Gulf of Maine. <i>Marine Mammal Science</i> , 0, , .	1.8	2
75	ACOUSTIC COMMUNICATION IN MYSTICETES. <i>Bioacoustics</i> , 2008, 17, 45-47.	1.7	1
76	Preferred shallow-water nursery sites provide acoustic crypsis to southern right whale mother-calf pairs. <i>Royal Society Open Science</i> , 2022, 9, .	2.4	1
77	Variation in the vocal behavior of southern right whales (<i>Eubalaena australis</i>) in coastal Brazilian waters. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	0