

Gabrielle A Nevitt

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,389
citations

361413

20
h-index

361022

35
g-index

42
all docs

42
docs citations

42
times ranked

2068
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimethyl sulphide as a foraging cue for Antarctic Procellariiform seabirds. <i>Nature</i> , 1995, 376, 680-682.	27.8	303
2	Partner-Specific Odor Recognition in an Antarctic Seabird. <i>Science</i> , 2004, 306, 835-835.	12.6	210
3	Marine plastic debris emits a keystone infochemical for olfactory foraging seabirds. <i>Science Advances</i> , 2016, 2, e1600395.	10.3	204
4	Sensory ecology on the high seas: the odor world of the procellariiform seabirds. <i>Journal of Experimental Biology</i> , 2008, 211, 1706-1713.	1.7	193
5	Evidence for olfactory search in wandering albatross, <i>Diomedea exulans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4576-4581.	7.1	170
6	Timing of imprinting to natural and artificial odors by coho salmon (<i>Oncorhynchus kisutch</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1996, 53, 434-442.	1.4	134
7	Sensitivity to dimethyl sulphide suggests a mechanism for olfactory navigation by seabirds. <i>Biology Letters</i> , 2005, 1, 303-305.	2.3	125
8	Evidence that dimethyl sulfide facilitates a tritrophic mutualism between marine primary producers and top predators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4157-4161.	7.1	89
9	Evidence that thyroid hormone induces olfactory cellular proliferation in salmon during a sensitive period for imprinting. <i>Journal of Experimental Biology</i> , 2004, 207, 3317-3327.	1.7	88
10	Dimethylsulfoniopropionate as a Foraging Cue for Reef Fishes. <i>Science</i> , 2008, 319, 1356-1356.	12.6	82
11	The use of Odors at Different Spatial Scales: Comparing Birds with Fish. <i>Journal of Chemical Ecology</i> , 2008, 34, 867-881.	1.8	81
12	Evidence for nest-odour recognition in two species of diving petrel. <i>Journal of Experimental Biology</i> , 2003, 206, 3719-3722.	1.7	78
13	Morphological and genetic factors shape the microbiome of a seabird species (<i>Oceanodroma</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 11.9 72	11.9	72
14	Testing olfactory foraging strategies in an Antarctic seabird assemblage. <i>Journal of Experimental Biology</i> , 2004, 207, 3537-3544.	1.7	68
15	Foraging by Seabirds on an Olfactory Landscape. <i>American Scientist</i> , 1999, 87, 46.	0.1	57
16	Behavioral attraction of Leach's storm-petrels (<i>Oceanodroma leucorhoa</i>) to dimethyl sulfide. <i>Journal of Experimental Biology</i> , 2003, 206, 1497-1501.	1.7	56
17	The Neuroecology of Dimethyl Sulfide: A Global-Climate Regulator Turned Marine Infochemical. <i>Integrative and Comparative Biology</i> , 2011, 51, 819-825.	2.0	56
18	A comparison of the olfactory abilities of three species of procellariiform chicks. <i>Journal of Experimental Biology</i> , 2003, 206, 1615-1620.	1.7	52

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19	Ecology can inform genetics: Disassortative mating contributes to MHC polymorphism in Leach's storm-petrels (<i>Oceanodroma leucorhoa</i>). <i>Molecular Ecology</i> , 2018, 27, 3371-3385.	3.9	37
20	Examining the development of individual recognition in a burrow-nesting procellariiform, the Leach's storm-petrel. <i>Journal of Experimental Biology</i> , 2008, 211, 337-340.	1.7	26
21	Vision on the high seas: spatial resolution and optical sensitivity in two procellariiform seabirds with different foraging strategies. <i>Journal of Experimental Biology</i> , 2016, 219, 3329-3338.	1.7	22
22	Rapid Communication: Experimental Evidence that Juvenile Pelagic Jacks (Carangidae) Respond Behaviorally to DMSP. <i>Journal of Chemical Ecology</i> , 2010, 36, 326-328.	1.8	21
23	Olfactory Imprinting in Salmon: New Models and Approaches. , 2004, , 109-127.		17
24	Individual Odor Recognition in Procellariiform Chicks. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 442-446.	3.8	16
25	A Southern Ocean dietary database. <i>Ecology</i> , 2011, 92, 1188-1188.	3.2	16
26	Evidence for olfactory learning in procellariiform seabird chicks. <i>Journal of Avian Biology</i> , 2011, 42, 85-88.	1.2	15
27	OBSERVATION OF SOUTHERN ELEPHANT SEAL, MIROUNGA LEONINA, FEEDING AT SEA NEAR SOUTH GEORGIA. <i>Marine Mammal Science</i> , 1998, 14, 637-640.	1.8	14
28	Investigating the association between pelagic fish and dimethylsulfoniopropionate in a natural coral reef system. <i>Marine and Freshwater Research</i> , 2007, 58, 720.	1.3	14
29	Development of the Visual System in a Burrow-Nesting Seabird: Leach's Storm Petrel. <i>Brain, Behavior and Evolution</i> , 2018, 91, 4-16.	1.7	13
30	Modeling the Importance of Sample Size in Relation to Error in MHC-Based Mate-Choice Studies on Natural Populations. <i>Integrative and Comparative Biology</i> , 2016, 56, 925-933.	2.0	12
31	Behavioural responses of blue petrel chicks (<i>Halobaena caerulea</i>) to food-related and novel odours in a simple wind tunnel. <i>Antarctic Science</i> , 2006, 18, 345-352.	0.9	11
32	Demographic History, Not Mating System, Explains Signatures of Inbreeding and Inbreeding Depression in a Large Outbred Population. <i>American Naturalist</i> , 2021, 197, 658-676.	2.1	11
33	Olfactory receptor subgenome and expression in a highly olfactory procellariiform seabird. <i>Genetics</i> , 2022, 220, .	2.9	8
34	Symposium Overview. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 424-427.	3.8	3
35	Responses of common diving petrel chicks (<i>Pelecanoides urinatrix</i>) to burrow and colony specific odours in a simple wind tunnel. <i>Antarctic Science</i> , 2012, 24, 337-341.	0.9	3
36	A Southern Ocean dietary database. <i>Ecology</i> , 2011, 92, 1188-1188.	3.2	3

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37	The sense of smell in procellariiforms: An overview and new directions. , 2005, , 403-408.		2
38	Mechanisms of Olfactory Foraging by Antarctic Procelliform Seabirds. , 2001, , 27-33.		2
39	Following the leader, for better or worse. Science, 2018, 360, 852-853.	12.6	0
40	Gross morphology, histology, and ultrastructure of the olfactory rosette of a critically endangered indicator species, the Delta Smelt, <i>Hypomesus transpacificus</i> . Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2021, 207, 597-616.	1.6	0