

Arnaud Tarroux

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

962
citations

516710

16
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

1689
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020, 580, 87-92.	27.8	156
2	Long-term monitoring at multiple trophic levels suggests heterogeneity in responses to climate change in the Canadian Arctic tundra. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120482.	4.0	122
3	The tundra food web of Bylot Island in a changing climate and the role of exchanges between ecosystems. <i>Ecoscience</i> , 2011, 18, 223-235.	1.4	85
4	Sensitivity of stable isotope mixing models to variation in isotopic ratios: evaluating consequences of lipid extraction. <i>Methods in Ecology and Evolution</i> , 2010, 1, 231-241.	5.2	62
5	Northern nomads: ability for extensive movements in adult arctic foxes. <i>Polar Biology</i> , 2010, 33, 1021-1026.	1.2	58
6	Stable isotope analysis: modelling lipid normalization for muscle and eggs from arctic mammals and birds. <i>Methods in Ecology and Evolution</i> , 2011, 2, 66-76.	5.2	55
7	Flexible flight response to challenging wind conditions in a commuting Antarctic seabird: do you catch the drift?. <i>Animal Behaviour</i> , 2016, 113, 99-112.	1.9	48
8	The Marine Side of a Terrestrial Carnivore: Intra-Population Variation in Use of Allochthonous Resources by Arctic Foxes. <i>PLoS ONE</i> , 2012, 7, e42427.	2.5	40
9	Demographic effects of extreme weather events: snow storms, breeding success, and population growth rate in a long-lived Antarctic seabird. <i>Ecology and Evolution</i> , 2015, 5, 314-325.	1.9	40
10	Sea ice phenology and primary productivity pulses shape breeding success in Arctic seabirds. <i>Scientific Reports</i> , 2017, 7, 4500.	3.3	35
11	Arctic fox dispersal from Svalbard to Canada: one female's long run across sea ice. <i>Polar Research</i> , 2019, 38, .	1.6	35
12	Large-scale oceanographic fluctuations drive Antarctic petrel survival and reproduction. <i>Ecography</i> , 2016, 39, 496-505.	4.5	30
13	Mercury exposure and short-term consequences on physiology and reproduction in Antarctic petrels. <i>Environmental Pollution</i> , 2018, 237, 824-831.	7.5	30
14	The retrospective analysis of Antarctic tracking data project. <i>Scientific Data</i> , 2020, 7, 94.	5.3	27
15	At-Sea Distribution and Prey Selection of Antarctic Petrels and Commercial Krill Fisheries. <i>PLoS ONE</i> , 2016, 11, e0156968.	2.5	27
16	Sources of variation in small rodent trophic niche: new insights from DNA metabarcoding and stable isotope analysis. <i>Isotopes in Environmental and Health Studies</i> , 2014, 50, 361-381.	1.0	21
17	A continent-wide search for Antarctic petrel breeding sites with satellite remote sensing. <i>Remote Sensing of Environment</i> , 2018, 210, 444-451.	11.0	17
18	Trophic and fitness correlates of mercury and organochlorine compound residues in egg-laying Antarctic petrels. <i>Environmental Research</i> , 2021, 193, 110518.	7.5	14

#	ARTICLE	IF	CITATIONS
19	Foraging tactics in dynamic sea-ice habitats affect individual state in a long-ranging seabird. <i>Functional Ecology</i> , 2020, 34, 1839-1856.	3.6	11
20	Antarctic petrels "on the ice rocks": wintering strategy of an Antarctic seabird. <i>Royal Society Open Science</i> , 2020, 7, 191429.	2.4	10
21	Within and between breeding-season changes in contaminant occurrence and body condition in the Antarctic breeding south polar skua. <i>Environmental Pollution</i> , 2021, 284, 117434.	7.5	10
22	The relationship between coastal weather and foraging behaviour of chinstrap penguins, <i>Pygoscelis antarctica</i> . <i>ICES Journal of Marine Science</i> , 2018, 75, 1940-1948.	2.5	8
23	Effects of human-induced disturbances and weather on herbivore movement. <i>Journal of Mammalogy</i> , 2019, 100, 1490-1500.	1.3	7
24	Temporal shift in the isotopic niche of female Antarctic fur seals from Bouvet-Åya. <i>Polar Research</i> , 2016, 35, 31335.	1.6	6
25	Temporal variation in trophic relationships among three congeneric penguin species breeding in sympatry. <i>Ecology and Evolution</i> , 2018, 8, 3660-3674.	1.9	5
26	Using near-infrared reflectance spectroscopy (NIRS) to estimate carbon and nitrogen stable isotope composition in animal tissues. <i>Ecology and Evolution</i> , 2021, 11, 10483-10488.	1.9	3