Filipa I P Samarra

List of Publications by Year
in descending order

39 papers	1,463 citations	361413 20 h-index	330143 37 g-index
40 all docs	40 docs citations	40 times ranked	1896 citing authors

#	Article	IF	Citations
1	Cetacean abundance and distribution in European Atlantic shelf waters to inform conservation and management. Biological Conservation, 2013, 164, 107-122.	4.1	314
2	Predicting global killer whale population collapse from PCB pollution. Science, 2018, 361, 1373-1376.	12.6	252
3	Classification of large acoustic datasets using machine learning and crowdsourcing: Application to whale calls. Journal of the Acoustical Society of America, 2014, 135, 953-962.	1.1	83
4	Dose-response relationships for the onset of avoidance of sonar by free-ranging killer whales. Journal of the Acoustical Society of America, 2014, 135, 975-993.	1.1	78
5	Killer whales (Orcinus orca) produce ultrasonic whistles. Journal of the Acoustical Society of America, 2010, 128, EL205-EL210.	1.1	64
6	Increasing abundance of bowhead whales in West Greenland. Biology Letters, 2007, 3, 577-580.	2.3	57
7	Pilot Whales Attracted to Killer Whale Sounds: Acoustically-Mediated Interspecific Interactions in Cetaceans. PLoS ONE, 2012, 7, e52201.	2.5	49
8	A multilevel society of herring-eating killer whales indicates adaptation to prey characteristics. Behavioral Ecology, 2017, 28, 500-514.	2.2	46
9	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. Molecular Ecology, 2019, 28, 3427-3444.	3.9	46
10	Runs of homozygosity in killer whale genomes provide a global record of demographic histories. Molecular Ecology, 2021, 30, 6162-6177.	3.9	39
11	North Atlantic killer whaleOrcinus orcapopulations: a review of current knowledge and threats to conservation. Mammal Review, 2019, 49, 384-400.	4.8	34
12	Falseâ€negative detections from environmental DNA collected in the presence of large numbers of killer whales (Orcinus orca). Environmental DNA, 2019, 1, 316-328.	5.8	32
13	Cultural evolution of killer whale calls: background,Âmechanisms and consequences. Behaviour, 2015, 152, 2001-2038.	0.8	31
14	Intra-population variation in isotopic niche in herring-eating killer whales off Iceland. Marine Ecology - Progress Series, 2017, 564, 199-210.	1.9	29
15	Caller sex and orientation influence spectral characteristics of â€œtwo-voiceâ€•stereotyped calls produced by free-ranging killer whales. Journal of the Acoustical Society of America, 2007, 121, 3932.	1.1	26
16	Prey-induced behavioural plasticity of herring-eating killer whales. Marine Biology, 2015, 162, 809-821.	1.5	26
17	Background noise constrains communication: acoustic masking of courtship song in the fruit fly Drosophila montana. Behaviour, 2009, 146, 1635-1648.	0.8	25
18	Seasonal movements of killer whales between Iceland and Scotland. Aquatic Biology, 2015, 24, 75-79.	1.4	25

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19	Persistence of skin marks on killer whales (Orcinus orca) caused by the parasitic sea lamprey (Petromyzon marinus) in Iceland. Marine Mammal Science, 2012, 28, 395-401.	1.8	24
20	Killer whale call frequency is similar across the oceans, but varies across sympatric ecotypes. Journal of the Acoustical Society of America, 2015, 138, 251-257.	1.1	22
21	Movements and site fidelity of killer whales (Orcinus orca) relative to seasonal and long-term shifts in herring (Clupea harengus) distribution. Marine Biology, 2017, 164, 1.	1.5	21
22	Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. Environmental Science & Technology, 2021, 55, 4923-4931.	10.0	21
23	Prey of killer whales (Orcinus orca) in Iceland. PLoS ONE, 2018, 13, e0207287.	2.5	18
24	Geographic variation in the timeâ€frequency characteristics of highâ€frequency whistles produced by killer whales (Orcinus orca). Marine Mammal Science, 2015, 31, 688-706.	1.8	14
25	Variations in killer whale food-associated calls produced during different prey behavioural contexts. Behavioural Processes, 2015, 116, 33-42.	1.1	9
26	Separating underwater ambient noise from flow noise recorded on stereo acoustic tags attached to marine mammals. Journal of Experimental Biology, 2016, 219, 2271-5.	1.7	9
27	Icelandic herring-eating killer whales feed at night. Marine Biology, 2017, 164, 32.	1.5	8
28	The incidence of bent dorsal fins in freeâ€ranging cetaceans. Journal of Anatomy, 2018, 232, 263-269.	1.5	8
29	Occurrence of long-finned pilot whales (Globicephala melas) and killer whales (Orcinus orca) in Icelandic coastal waters and their interspecific interactions. Acta Ethologica, 2022, 25, 141-154.	0.9	8
30	Physical constraints of cultural evolution of dialects in killer whales. Journal of the Acoustical Society of America, 2016, 140, 3755-3764.	1.1	7
31	Climate change and cetacean health: impacts and future directions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210249.	4.0	7
32	Low-frequency signals produced by Northeast Atlantic killer whales (Orcinus orca). Journal of the Acoustical Society of America, 2016, 139, 1149-1157.	1.1	6
33	Killer whales (Orcinus orca) in Iceland show weak genetic structure among diverse isotopic signatures and observed movement patterns. Ecology and Evolution, 2018, 8, 11900-11913.	1.9	5
34	Large scale surveys for cetaceans: Line transect assumptions, reliability of abundance estimates and improving survey efficiency â€“ A response to MacLeod. Biological Conservation, 2014, 170, 338-339.	4.1	4
35	A comparison of Northeast Atlantic killer whale (Orcinus orca) stereotyped call repertoires. Marine Mammal Science, 2021, 37, 268-289.	1.8	4
36	Identifying Variations in Baseline Behavior of Killer Whales (Orcinus orca) to Contextualize Their Responses to Anthropogenic Noise. Advances in Experimental Medicine and Biology, 2016, 875, 963-968.	1.6	3

#	ARTICLE	IF	CITATIONS
37	Crowd intelligence can discern between repertoires of killer whale ecotypes. Bioacoustics, 2020, 29, 15-27.	1.7	3
38	Noise influences the acoustic behavior of killer whales, Orcinus orca, in Iceland. Proceedings of Meetings on Acoustics, 2019, , .	0.3	1
39	Incidence of Probable Vertebral Column Deformities in Norwegian and Icelandic Killer Whales (Orcinus orca). Aquatic Mammals, 2017, 43, 682-690.	0.7	1