

# Kagari Aoki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5261228/publications.pdf>

Version: 2024-02-01

13  
papers

543  
citations

933447

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerial photogrammetry and tag-derived tissue density reveal patterns of lipid-store body condition of humpback whales on their feeding grounds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202307.	2.6	25
2	Using an omnidirectional video logger to observe the underwater life of marine animals: Humpback whale resting behaviour. <i>Behavioural Processes</i> , 2021, 186, 104369.	1.1	8
3	Towards non-invasive heart rate monitoring in free-ranging cetaceans: a unipolar suction cup tag measured the heart rate of trained Risso's dolphins. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200225.	4.0	12
4	Breathing Patterns Indicate Cost of Exercise During Diving and Response to Experimental Sound Exposures in Long-Finned Pilot Whales. <i>Frontiers in Physiology</i> , 2018, 9, 1462.	2.8	8
5	Body density of humpback whales ( <i>Megaptera novaengliae</i> ) in feeding aggregations estimated from hydrodynamic gliding performance. <i>PLoS ONE</i> , 2018, 13, e0200287.	2.5	25
6	High diving metabolic rate indicated by high-speed transit to depth in negatively buoyant long-finned pilot whales. <i>Journal of Experimental Biology</i> , 2017, 220, 3802-3811.	1.7	32
7	Body density and diving gas volume of the northern bottlenose whale ( <i>Hyperoodon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 10	1.7	30
8	Body contact and synchronous diving in long-finned pilot whales. <i>Behavioural Processes</i> , 2013, 99, 12-20.	1.1	30
9	Neutral buoyancy is optimal to minimize the cost of transport in horizontally swimming seals. <i>Scientific Reports</i> , 2013, 3, 2205.	3.3	30
10	Swim Speed and Acceleration Measurements of Short-Finned Pilot Whales ( <i>Globicephala</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 10	0.6	10
11	Scaling of swim speed in breath-hold divers. <i>Journal of Animal Ecology</i> , 2011, 80, 57-68.	2.8	72
12	Northern elephant seals adjust gliding and stroking patterns with changes in buoyancy: validation of at-sea metrics of body density. <i>Journal of Experimental Biology</i> , 2011, 214, 2973-2987.	1.7	85
13	Stroke frequency, but not swimming speed, is related to body size in free-ranging seabirds, pinnipeds and cetaceans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 471-477.	2.6	176