

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 | 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 |
| 2 | 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 |
| 3 | Scaling of swim speed in breath-hold divers. <i>Journal of Animal Ecology</i> , 2011, 80, 57-68. | 2.8 | 72 |
| 4 | 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 |
| 5 | Body contact and synchronous diving in long-finned pilot whales. <i>Behavioural Processes</i> , 2013, 99, 12-20. | 1.1 | 30 |
| 6 | Neutral buoyancy is optimal to minimize the cost of transport in horizontally swimming seals. <i>Scientific Reports</i> , 2013, 3, 2205. | 3.3 | 30 |
| 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 | 1.7 | 30 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Swim Speed and Acceleration Measurements of Short-Finned Pilot Whales (<i>Globicephala</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 | 0.8 | 10 |
| 12 | 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 |
| 13 | 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 |