

Kelsey N Lucas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6845623/publications.pdf>

Version: 2024-02-01

8
papers

371
citations

1163117
8
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

336
citing authors

#	ARTICLE	IF	CITATIONS
1	Bending rules for animal propulsion. <i>Nature Communications</i> , 2014, 5, 3293.	12.8	110
2	Effects of non-uniform stiffness on the swimming performance of a passively-flexing, fish-like foil model. <i>Bioinspiration and Biomimetics</i> , 2015, 10, 056019.	2.9	82
3	The Hydrodynamics of Jellyfish Swimming. <i>Annual Review of Marine Science</i> , 2021, 13, 375-396.	11.6	58
4	Airfoil-like mechanics generate thrust on the anterior body of swimming fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10585-10592.	7.1	40
5	A pressure-based force and torque prediction technique for the study of fish-like swimming. <i>PLoS ONE</i> , 2017, 12, e0189225.	2.5	36
6	Performance variation due to stiffness in a tuna-inspired flexible foil model. <i>Bioinspiration and Biomimetics</i> , 2017, 12, 016011.	2.9	19
7	Resilience in moving water: Effects of turbulence on the predatory impact of the lobate ctenophore <i>Mnemiopsis leidyi</i> . <i>Limnology and Oceanography</i> , 2018, 63, 445-458.	3.1	13
8	Jellyfish and Fish Solve the Challenges of Turning Dynamics Similarly to Achieve High Maneuverability. <i>Fluids</i> , 2020, 5, 106.	1.7	13