

# Yong-Liang Yu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The hydrodynamic effects of undulating patterns on propulsion and braking performances of long-based fin. <i>AIP Advances</i> , 2022, 12, .	1.3	6
2	Hydrodynamic scaling law in undulatory braking locomotion. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	8
3	Scaling law of fish undulatory propulsion. <i>Physics of Fluids</i> , 2021, 33, .	4.0	24
4	Theory-based prediction of separation angle and peak pressure for laminar separated hypersonic compression corner flows. <i>Physics of Fluids</i> , 2021, 33, 086106.	4.0	3
5	Theoretical modeling of heat transfer to flat plate under vibrational excitation freestream conditions. <i>International Journal of Heat and Mass Transfer</i> , 2020, 151, 119434.	4.8	6
6	An energetics analysis of fish self-propelled swimming. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	5.1	4
7	Heat Transfer in Nonequilibrium Flows with Homogeneous and Heterogeneous Recombination Reactions. <i>AIAA Journal</i> , 2018, 56, 3593-3599.	2.6	11
8	Aerodynamic mechanism of forces generated by twisting model-wing in bat flapping flight. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2014, 35, 1607-1618.	3.6	13
9	Flow control by means of a traveling curvature wave in fishlike escape responses. <i>Physical Review E</i> , 2011, 84, 056312.	2.1	23