

Jun-Duo Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2931196/publications.pdf>

Version: 2024-02-01

7
papers

90
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	On the role of vortical structures in aerodynamic performance of a hovering mosquito. <i>Physics of Fluids</i> , 2019, 31, .	4.0	29
2	Specialization of tuna: A numerical study on the function of caudal keels. <i>Physics of Fluids</i> , 2020, 32, .	4.0	22
3	Physical models and vortex dynamics of swimming and flying: a review. <i>Acta Mechanica</i> , 2022, 233, 1249-1288.	2.1	11
4	Evolution of vortices in the wake of an ARJ21 airplane: Application of the lift-drag model. <i>Theoretical and Applied Mechanics Letters</i> , 2020, 10, 419-428.	2.8	8
5	A self-propelled flexible plate with a keel-like structure. <i>Physics of Fluids</i> , 2021, 33, .	4.0	8
6	Vortical structures in the wake of falling plates. <i>Journal of Visualization</i> , 2019, 22, 15-24.	1.8	7
7	Numerical model and hydrodynamic performance of tuna finlets. <i>Theoretical and Applied Mechanics Letters</i> , 2022, 12, 100322.	2.8	5