Zhu Bing

List of Publications by Year
in descending order

13 papers	151 citations	1478505 6 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	77 citing authors

#	Article	IF	Citations
1	Energy-harvesting characteristics of flapping wings with the free-surface effect. Journal of Renewable and Sustainable Energy, 2022, 14, 014501.	2.0	3
2	Effect of incoming gravity waves on the energy extraction efficiency of flapping wing hydroelectric generators. Ocean Engineering, 2022, 245, 110590.	4.3	1
3	Risk assessment of erosive aggressiveness due to the condensation shock by numerical simulation. Journal of Hydrodynamics, 2022, 34, 200-206.	3.2	6
4	An adaptive plate at flapping wingâ€™s trailing edge in promoting energy extraction performance. Journal of Mechanical Science and Technology, 2021, 35, 591-600.	1.5	2
5	Effect of uniform incoming flow on vehicleâ€™s hydrodynamics under the same relative velocity. Ocean Engineering, 2021, 237, 109491.	4.3	3
6	Numerical simulation of condensation shock in partial cavitating flow on a hydrofoil. Journal of Hydrodynamics, 2020, 32, 183-187.	3.2	2
7	Impact of the ground effect on the energy extraction properties of a flapping wing. Ocean Engineering, 2020, 209, 107376.	4.3	22
8	Energy extraction characteristic of the flapping wing type vertical axis turbine. IET Renewable Power Generation, 2020, 14, 2604-2611.	3.1	1
9	Energy extraction properties of a flapping wing with a deformable airfoil. IET Renewable Power Generation, 2019, 13, 1823-1832.	3.1	13
10	New type of motion trajectory for increasing the power extraction efficiency of flapping wing devices. Energy, 2019, 189, 116072.	8.8	19
11	Energy extraction properties of a flapping wing with an arc-deformable airfoil. Journal of Renewable and Sustainable Energy, 2019, 11, .	2.0	20
12	Applying extended intrinsic mean spin tensor in evolution algorithm for RANS modelling of turbulent rotating channel flow. Journal of Hydrodynamics, 2019, 31, 1255-1258.	3.2	4
13	Energy harvesting properties of a flapping wing with an adaptive Gurney flap. Energy, 2018, 152, 119-128.	8.8	55