Jianyang Zhu

List of Publications by Year
in descending order

10 papers	104 citations	1684188 5 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	54 citing authors

#	Article	IF	Citations
1	Lightweight object detection network model suitable for indoor mobile robots. Journal of Mechanical Science and Technology, 2022, 36, 907-920.	1.5	13
2	Rotation improvement of vertical axis wind turbine by offsetting pitching angles and changing blade numbers. Energy, 2021, 215, 119177.	8.8	28
3	Improvement of the power extraction performance of a semi-active flapping airfoil by employing two-sided symmetric slot airfoil. Energy, 2021, 227, 120458.	8.8	7
4	Effect of cooperative injection and suction jet on power extraction characteristics of a semi-active flapping airfoil. Acta Mechanica Sinica/Lixue Xuebao, 2021, 37, 1433-1445.	3.4	5
5	Improve the performance of a semi-active flapping airfoil power generator by adjusting both offsetting mass center displacement and changing pitching axis position. Energy Reports, 2021, 7, 5074-5085.	5.1	4
6	Research on compliant configuration of hydraulic manipulator with passive following characteristic. Journal of Engineering, 2020, 2020, 920-927.	1.1	0
7	Effect of Rotation Friction Ratio on the Power Extraction Performance of a Passive Rotation VAWT. International Journal of Rotating Machinery, 2019, 2019, 1-10.	0.8	3
8	The Effect of Damping Coefficient, Spring Coefficient, and Mass Ratio on the Power Extraction Performance of a Semiactive Flapping Wing. International Journal of Aerospace Engineering, 2019, 2019, 1-12.	0.9	3
9	The time asymmetric pitching effects on the energy extraction performance of a semi-active flapping wing power generator. European Journal of Mechanics, B/Fluids, 2017, 66, 92-101.	2.5	13
10	Self-starting aerodynamics analysis of vertical axis wind turbine. Advances in Mechanical Engineering, 2015, 7, 168781401562096.	1.6	28