

Jiayang Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3408994/publications.pdf>

Version: 2024-02-01

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