

Junhu Yang

List of Publications by Year in descending order

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51
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on energy conversion characteristic of pump as turbine. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401877083.	1.6	20
2	Numerical Simulation of Axial Vortex in a Centrifugal Pump as Turbine with S-Blade Impeller. <i>Processes</i> , 2020, 8, 1192.	2.8	17
3	Analysis on the effect of variable guide vane numbers on the performance of pump as turbine. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401878079.	1.6	16
4	Effect of Impeller Inlet Geometry on Cavitation Performance of Centrifugal Pumps Based on Radial Basis Function. <i>International Journal of Rotating Machinery</i> , 2016, 2016, 1-9.	0.8	12
5	Optimization of pumps as turbines blades based on SVM-HDMR model and PSO algorithm. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402110343.	1.6	7
6	Pressure Fluctuation Characteristics Analysis of Centrifugal Pump as Turbine in Its Start-Up Process. <i>Actuators</i> , 2022, 11, 132.	2.3	5
7	Theoretical research of hydraulic turbine performance based on slip factor within centripetal impeller. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401559386.	1.6	4
8	Effect of Velocity Slip on Head Prediction for Centrifugal Pumps as Turbines. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-10.	1.1	4
9	Performance optimization of liquid ring pumps based on Gappy POD surrogate model. <i>Modern Physics Letters B</i> , 2022, 36, .	1.9	2