

Bo Hu

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

191
citations

7
h-index

13
g-index

20
ext. papers

258
ext. citations

2.9
avg, IF

3.38
L-index

#	Paper	IF	Citations
19	Numerical Study on the Gas-Water Two-Phase Flow in the Self-Priming Process of Self-Priming Centrifugal Pump. <i>Processes</i> , 2019 , 7, 330	2.9	35
18	Performance Prediction Based on Effects of Wrapping Angle of a Side Channel Pump. <i>Energies</i> , 2019 , 12, 139	3.1	32
17	Numerical and experimental study of the self-priming process of a multistage self-priming centrifugal pump. <i>International Journal of Energy Research</i> , 2019 , 43, 4074-4092	4.5	29
16	Influence of Critical Wall Roughness on the Performance of Double-Channel Sewage Pump. <i>Energies</i> , 2020 , 13, 464	3.1	25
15	Detection of the Flow State for a Centrifugal Pump Based on Vibration. <i>Energies</i> , 2019 , 12, 3066	3.1	13
14	Experimental investigation on the flow and flow-rotor heat transfer in a rotor-stator spinning disk reactor. <i>Applied Thermal Engineering</i> , 2019 , 162, 114316	5.8	8
13	Numerical Delineation of 3D Unsteady Flow Fields in Side Channel Pumps for Engineering Processes. <i>Energies</i> , 2019 , 12, 1287	3.1	7
12	Flow theory in the side chambers of the radial pumps: A review. <i>Physics of Fluids</i> , 2020 , 32, 041301	4.4	7
11	Investigation on Thrust and Moment Coefficients of a Centrifugal Turbomachine. <i>International Journal of Turbomachinery, Propulsion and Power</i> , 2018 , 3, 9	1	7
10	Investigation on the Flow in a Rotor-Stator Cavity with Centripetal Through-Flow. <i>International Journal of Turbomachinery, Propulsion and Power</i> , 2017 , 2, 18	1	7
9	Investigation of the Noise Induced by Unstable Flow in a Centrifugal Pump. <i>Energies</i> , 2020 , 13, 589	3.1	6
8	Analysis of Rotor-Stator Interaction of a Pump-Turbine with Splitter Blades in a Pump Mode. <i>Mathematics</i> , 2020 , 8, 1465	2.3	4
7	Numerical Simulation of Gas-Liquid Two-Phase Flow Characteristics of Centrifugal Pump Based on the CFD-BBM. <i>Mathematics</i> , 2020 , 8, 769	2.3	3
6	A Numerical Study of a Submerged Water Jet Impinging on a Stationary Wall. <i>Journal of Marine Science and Engineering</i> , 2022 , 10, 228	2.4	3
5	Axial Thrust, Disk Frictional Losses, and Heat Transfer in a Gas Turbine Disk Cavity. <i>Energies</i> , 2019 , 12, 2917	3.1	2
4	Flow Characteristics of Oblique Submerged Impinging Jet at Various Impinging Heights. <i>Journal of Marine Science and Engineering</i> , 2022 , 10, 399	2.4	2
3	Gas-Liquid Two-Phase Flow Investigation of Side Channel Pump: An Application of MUSIG Model. <i>Mathematics</i> , 2020 , 8, 624	2.3	1

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| 2 | Numerical Investigation of Flow and Heat Transfer in a Rotor-Stator Cavity with Centripetal Carbon Dioxide Through-Flow. <i>Energies</i> , 2019 , 12, 2613 | 3.1 | o |
| 1 | Stall Mode Transformation in the Wide Vaneless Diffuser of Centrifugal Compressors. <i>Energies</i> , 2020 , 13, 6067 | 3.1 | o |