

Baocheng Shi

List of Publications by Year in descending order

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14
papers

121
citations

1684188
5
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1281871
11
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14
all docs

14
docs citations

14
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel experimental facility for measuring internal flow of Solid-liquid two-phase flow in a centrifugal pump by PIV. <i>International Journal of Multiphase Flow</i> , 2017, 89, 266-276.	3.4	44
2	Phase discrimination and a high accuracy algorithm for PIV image processing of particle-fluid two-phase flow inside high-speed rotating centrifugal slurry pump. <i>Flow Measurement and Instrumentation</i> , 2015, 45, 93-104.	2.0	19
3	Performance and Stability Enhancement of Perovskite-Type Nanomaterials Applied for Carbon Capture Utilizing Oxyfuel Combustion. <i>Energies</i> , 2017, 10, 164.	3.1	10
4	Study of mechanical choked Venturi nozzles used for liquid flow controlling. <i>Flow Measurement and Instrumentation</i> , 2019, 65, 158-165.	2.0	9
5	Associated petroleum gas measurement at low gas content using PIS method. <i>Flow Measurement and Instrumentation</i> , 2019, 70, 101662.	2.0	8
6	A Prediction Method of Wear for Volute Casing of a Centrifugal Slurry Pump. <i>Geofluids</i> , 2020, 2020, 1-12.	0.7	8
7	Study on Temperature Distribution of Perforated Horizontal Wellbore. <i>Journal of Thermal Science</i> , 2020, 29, 194-205.	1.9	5
8	PIV test of the flow field of a centrifugal pump with four types of impeller blades. <i>Journal of Mechanics</i> , 2021, 37, 192-204.	1.4	5
9	Numerical Simulation of 3D Solid-Liquid Turbulent Flow in a Low Specific Speed Centrifugal Pump: Flow Field Analysis. <i>Advances in Mechanical Engineering</i> , 2014, 6, 814108.	1.6	3
10	Liquid/solid flow field in a centrifugal pump with different impeller blade types by PIV. <i>Measurement and Control</i> , 2021, 54, 1219-1233.	1.8	3
11	Experimental study on erosion and wear law of metal screen under spraying condition. <i>Journal of Mechanics</i> , 2022, 38, 117-127.	1.4	3
12	Experimental study on erosion resistance evaluation of single-layer metal mesh screen. <i>Measurement and Control</i> , 2021, 54, 1301-1308.	1.8	2
13	PIV test methods and mechanism on liquid turbulence modulation by solid-particles inside a centrifugal pump. <i>Chinese Science Bulletin</i> , 2018, 63, 1050-1064.	0.7	2
14	Optimization of the Natural Gas Purification Process Based on Exergy Analysis. <i>Geofluids</i> , 2020, 2020, 1-9.	0.7	0