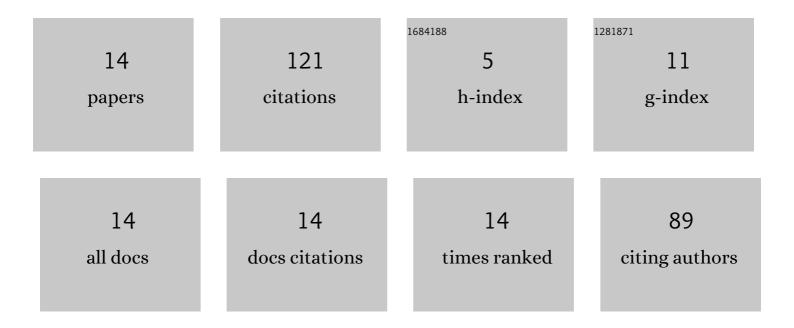
Baocheng Shi

List of Publications by Year in descending order

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RAOCHENC SHI

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