Miao Qian

List of Publications by Year
in descending order

20 papers	383 citations	933447 10 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	228 citing authors

#	Article	IF	Citations
1	Deep-learning-based porous media microstructure quantitative characterization and reconstruction method. Physical Review E, 2022, 105, 015308.	2.1	18
2	Advanced Deep Learning-Based Bubbly Flow Image Generator under Different Superficial Gas Velocities. Industrial & Engineering Chemistry Research, 2022, 61, 1531-1543.	3.7	3
3	Color segmentation of multicolor porous printed fabrics by conjugating SOM and EDSC clustering algorithms. Textile Reseach Journal, 2022, 92, 3488-3499.	2.2	5
4	An optical fiber sensor based on polyimide coated fiber Bragg grating for measurement of relative humidity. Optical Fiber Technology, 2021, 61, 102406.	2.7	26
5	Unsupervised defect detection algorithm for printed fabrics using content-based image retrieval techniques. Textile Reseach Journal, 2021, 91, 2551-2566.	2.2	8
6	Yarn-dyed woven fabric density measurement method and system based on multi-directional illumination image fusion enhancement technology. Journal of the Textile Institute, 2020, 111, 1489-1501.	1.9	9
7	Repeat pattern segmentation of print fabric based on adaptive template matching. Journal of Engineered Fibers and Fabrics, 2020, 15, 155892502097328.	1.0	1
8	Evaluation of heat generation using a microscopic cutting model with thermo-mechanical coupling for carbon fiber reinforced polymer composites. Journal of Reinforced Plastics and Composites, 2020, 39, 793-804.	3.1	4
9	Effect of Pin Diameter Degressive Gradient on Heat Transfer in a Microreactor with Non-Uniform Pin-Fin Array under Low Reynolds Number Conditions. Energies, 2019, 12, 2702.	3.1	2
10	Fabric Moisture Uniform Control to Study the Influence of Air Impingement Parameters on Fabric Drying Characteristics. Journal of Visualized Experiments, 2019, , .	0.3	1
11	Heat and moisture transfer performance of thin cotton fabric under impingement drying. Textile Reseach Journal, 2019, 89, 3089-3097.	2.2	6
12	Metal stamping character recognition algorithm based on multi-directional illumination image fusion enhancement technology. Eurasip Journal on Image and Video Processing, 2018, 2018, .	2.6	13
13	Numerical modeling of microchannel reactor with porous surface microstructure based on fractal geometry. International Journal of Hydrogen Energy, 2018, 43, 22447-22457.	7.1	19
14	Fluid flow and heat transfer performance in a micro-reactor with non-uniform micro-pin-fin arrays for hydrogen production at low Reynolds number. International Journal of Hydrogen Energy, 2017, 42, 553-561.	7.1	23
15	Flow Manifold Optimization for a Uniform Velocity Distribution in a Laminated Microreactor with Microâ€Pinâ€Fin Arrays. Chemical Engineering and Technology, 2014, 37, 1112-1120.	1.5	14
16	Effect of tip clearance on the heat transfer and pressure drop performance in the micro-reactor with micro-pinâ€"fin arrays at low Reynolds number. International Journal of Heat and Mass Transfer, 2014, 70, 709-718.	4.8	67
17	A performance study of methanol steam reforming in an A-type microchannel reactor. International Journal of Hydrogen Energy, 2014, 39, 17690-17701.	7.1	30
18	Effects of structural parameters on the performance of a micro-reactor with micro-pin-fin arrays (MPFAR) for hydrogen production. International Journal of Hydrogen Energy, 2012, 37, 17817-17827.	7.1	45

#	ARTICLE	IF	CITATIONS
19	A micro-reactor with micro-pin-fin arrays for hydrogen production via methanol steam reforming. Journal of Power Sources, 2012, 205, 367-376.	7.8	89
20	Study on drying characters of a thin cotton fabric under uneven radial heating by the hot air jet. Drying Technology, 0, , 1-13.	3.1	0