

# Jiaqing Chang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8432537/publications.pdf>

Version: 2024-02-01

11  
papers

73  
citations

1684188  
5  
h-index

1588992  
8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study of the Interface Fluctuation and Energy Saving of Oil-Water Annular Flow. <i>Energies</i> , 2022, 15, 2123.	3.1	2
2	Simulation and experimental study on droplet breakup modes and redrawing of their phase diagram. <i>Physics of Fluids</i> , 2021, 33, 082105.	4.0	7
3	Analysis of microchannel resistance factor based on automated simulation framework and BP neural network. <i>Soft Computing</i> , 2020, 24, 3379-3391.	3.6	7
4	Study on Electrical Performance of a U-Type Microfluidic Acceleration Switch Using Salt Solution as the Sensitive Electrode. <i>Sensors</i> , 2020, 20, 7062.	3.8	1
5	Swarm Optimization Improved BP Algorithm for Microchannel Resistance Factor. <i>IEEE Access</i> , 2020, 8, 52749-52758.	4.2	4
6	Model based state-of-energy estimation for LiFePO <sub>4</sub> batteries using unscented particle filter. <i>Journal of Power Electronics</i> , 2020, 20, 624-633.	1.5	21
7	Waveform adjustment for obtaining higher quality droplets based on a multi-satellite droplet monitoring system. <i>Modern Physics Letters B</i> , 2019, 33, 1950105.	1.9	4
8	Dynamic flow characteristics in U-type anti-high overload microfluidic inertial switch. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	4
9	Effects of dwell time of excitation waveform on meniscus movements for a tubular piezoelectric print-head: experiments and model. <i>Journal of Micromechanics and Microengineering</i> , 2017, 27, 075023.	2.6	14
10	Steady State Response Analysis of a Tubular Piezoelectric Print Head. <i>Sensors</i> , 2016, 16, 81.	3.8	8
11	A comprehensive study on the droplet formation processes and its influencing factors of a tubular piezoelectric print head. <i>Journal of Adhesion Science and Technology</i> , 0, , 1-16.	2.6	1