

# Jiaqing Chang

## List of Publications by Year in descending order

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11  
papers

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1684188  
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docs citations

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59  
citing authors

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