

# Wenjing Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10066513/publications.pdf>

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13  
papers

159  
citations

1307594

7  
h-index

1125743

13  
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all docs

13  
docs citations

13  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Investigation on Dropwise Condensation on Rough Structures with and without Non-Condensable Gas. <i>Journal of Thermal Science</i> , 2022, 31, 308-317.	1.9	2
2	Molecular Dynamics Study on the Combined Effects of the Nanostructure and Wettability of Solid Surfaces on Bubble Nucleation. <i>Langmuir</i> , 2022, 38, 1223-1230.	3.5	5
3	Effect of Polymer Drag Reducer on Rheological Properties of Rocket Kerosene Solutions. <i>Materials</i> , 2022, 15, 3343.	2.9	3
4	A molecular dynamics study of surface wettability effects on heterogeneous bubble nucleation. <i>International Communications in Heat and Mass Transfer</i> , 2020, 119, 104991.	5.6	25
5	Interfacial Interaction Enhanced Rheological Behavior in PAM/CTAC/Salt Aqueous Solution—A Coarse-Grained Molecular Dynamics Study. <i>Polymers</i> , 2020, 12, 265.	4.5	5
6	Numerical Study on the Gas—Solid Flow in a Spouted Bed Installed with a Controllable Nozzle and a Swirling Flow Generator. <i>ACS Omega</i> , 2020, 5, 1014-1024.	3.5	16
7	Numerical investigation of gas—solid flow behavior in a novel integral multi-jet spout-fluidized bed. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 213-225.	1.3	3
8	Eulerian—Eulerian Numerical Study of the Flue Gas Desulfurization Process in a Semidry Spouted Bed Reactor. <i>ACS Omega</i> , 2020, 5, 3282-3293.	3.5	8
9	CFD Simulation and Optimization of Mixing Behaviors in a Spouted Bed with a Longitudinal Vortex. <i>ACS Omega</i> , 2019, 4, 8214-8221.	3.5	7
10	Bubble nucleation over patterned surfaces with different wettabilities: Molecular dynamics investigation. <i>International Journal of Heat and Mass Transfer</i> , 2019, 136, 1-9.	4.8	58
11	A method for controlling absolute pressures at the entrance and exit of a nanochannel/nanotube. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	1
12	Influence of Longitudinal Vortex Generator Configuration on the Hydrodynamics in a Novel Spouted Bed. <i>Chemical Engineering and Technology</i> , 2018, 41, 1716-1726.	1.5	10
13	Coarse-Grained Molecular Dynamics Simulations of the Breakage and Recombination Behaviors of Surfactant Micelles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 9018-9027.	3.7	16