

# Hongxin Zhang

## List of Publications by Year in descending order

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1478505  
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docs citations

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100  
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#	ARTICLE	IF	CITATIONS
1	Measurement of Oil-Water Interface Characteristics in Horizontal Pipe Using a Conductance Parallel-Wire Array Probe. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3232-3243.	4.7	20
2	Prediction of curved oil-water interface in horizontal pipes using modified model with dynamic contact angle. Chinese Journal of Chemical Engineering, 2020, 28, 698-711.	3.5	17
3	Complex Admittance Detection of Horizontal Oil-Water Two-Phase Flows Using a Capacitance Sensor. IEEE Sensors Journal, 2019, 19, 7489-7498.	4.7	12
4	Response Characteristics of Coaxial Capacitance Sensor for Horizontal Segregated and Non-Uniform Oil-Water Two-Phase Flows. IEEE Sensors Journal, 2017, 17, 359-368.	4.7	10
5	Capacitive Phase Shift Detection for Measuring Water Holdup in Horizontal Oil-Water Two-Phase Flow. Sensors, 2018, 18, 2234.	3.8	7
6	Prediction of pressure drop for segregated oil-water flows in small diameter pipe using modified two-fluid model. Experimental Thermal and Fluid Science, 2020, 114, 110078.	2.7	6
7	Detection of Interfacial Structures in Inclined Liquid-Liquid Flows Using Parallel-Wire Array Probe and Planar Laser-Induced Fluorescence Methods. Sensors, 2020, 20, 3159.	3.8	5
8	Method based on parallel-wire conductivity probe for measuring water holdup in near-horizontal oil-water two-phase flow pipes. IET Science, Measurement and Technology, 2020, 14, 676-683.	1.6	5
9	Measurement of interfacial characteristics and droplet entrainment in nearly horizontal liquid-liquid flows using PLIF method. , 2022, , .		2