

# Yongqing He

## List of Publications by Year in descending order

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18  
papers

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citations

1040056

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h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-evolving dry patches in a flowing film around a horizontal tube. <i>International Journal of Thermal Sciences</i> , 2022, 174, 107451.	4.9	1
2	Structural Optimization of Self-Supporting Rectangular Converging-Diverging Tube Heat Exchanger. <i>Energies</i> , 2022, 15, 1133.	3.1	1
3	Electromotive force induced by the moving non-magnetic phase in ferrofluids. <i>Sensors and Actuators A: Physical</i> , 2021, 317, 112472.	4.1	1
4	Deflection of a bubble pair induced by negative magnetophoresis in a Hele-Shaw cell. <i>Physics of Fluids</i> , 2021, 33, 043322.	4.0	1
5	Heat transfer of ferrofluids with magnetoviscous effects. <i>Journal of Molecular Liquids</i> , 2021, 328, 115404.	4.9	15
6	Growth of dry patches in an evaporating film flowing around a horizontal circular tube. <i>International Communications in Heat and Mass Transfer</i> , 2021, 125, 105291.	5.6	4
7	Heat transfer enhancement in a rectangular channel with pillars. <i>Journal of Physics: Conference Series</i> , 2021, 1983, 012026.	0.4	0
8	Non-Contact Monitoring on the Flow Status inside a Pulsating Heat Pipe. <i>Sensors</i> , 2020, 20, 5955.	3.8	3
9	Flower-type pulsating heat pipe for a solar collector. <i>International Journal of Energy Research</i> , 2020, 44, 7734-7745.	4.5	14
10	Magnetically driven microfluidics for isolation of circulating tumor cells. <i>Cancer Medicine</i> , 2020, 9, 4207-4231.	2.8	46
11	Dynamic behavior and driving force model of droplet formation in a T-junction microchannel. <i>Journal of Micromechanics and Microengineering</i> , 2019, 29, 115002.	2.6	5
12	Heat-Transfer Characteristics of Liquid Sodium in a Solar Receiver Tube with a Nonuniform Heat Flux. <i>Energies</i> , 2019, 12, 1432.	3.1	13
13	Two-dimensional Simulation of Motion of Red Blood Cells with Deterministic Lateral Displacement Devices. <i>Micromachines</i> , 2019, 10, 393.	2.9	13
14	Magnetic manipulation on the unlabeled nonmagnetic particles. <i>International Journal of Modern Physics B</i> , 2019, 33, 1950047.	2.0	10
15	Magnetically Induced Flow Focusing of Non-Magnetic Microparticles in Ferrofluids under Inclined Magnetic Fields. <i>Micromachines</i> , 2019, 10, 56.	2.9	9
16	Advances of Particles/Cells Magnetic Manipulation in Microfluidic Chips. <i>Chinese Journal of Analytical Chemistry</i> , 2017, 45, 1238-1246.	1.7	21
17	Experimental investigation on falling ferrofluid droplets in vertical magnetic fields. <i>Experimental Thermal and Fluid Science</i> , 2014, 54, 313-320.	2.7	22
18	Experimental Study on the Heat Transfer Characteristics of an Evaporating Falling Film on a Horizontal Plain Tube. <i>Heat Transfer Engineering</i> , 2011, 32, 936-942.	1.9	7