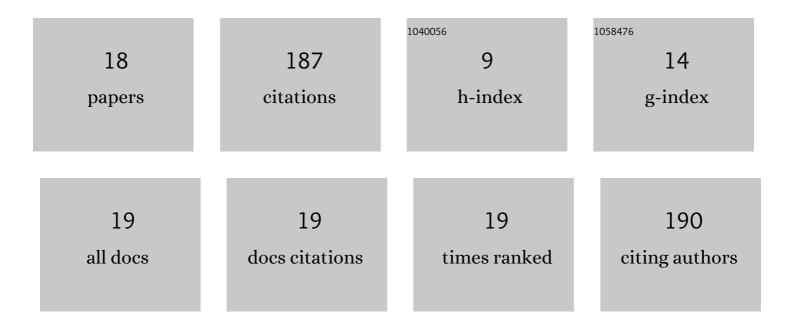
## Yongqing He

List of Publications by Year in descending order

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YONCOINC HE

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