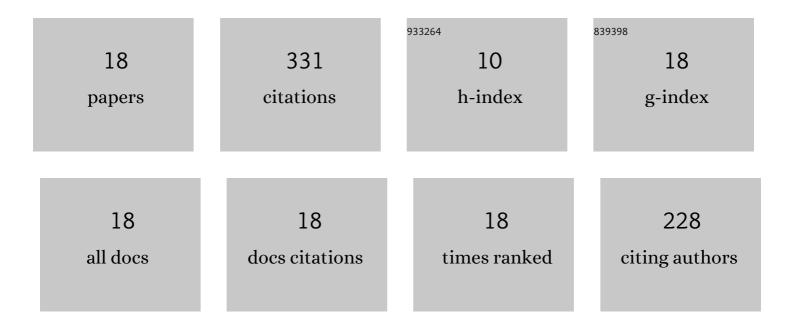
Baojin Qi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effects of micro-pin-fins on the bubble growth and movement of nucleate pool boiling on vertical surfaces. International Journal of Thermal Sciences, 2022, 171, 107186.	2.6	14
2	Convenient and large-scale fabrication of cost-effective superhydrophobic aluminum alloy surface with excellent reparability. Langmuir, 2021, 37, 7810-7820.	1.6	7
3	Study on oil-water separation of selective-wettability meshes with different Micro/Nano structures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 584, 124026.	2.3	5
4	Experimental and theoretical study of bubble coalescence and departure behaviors during nucleate pool boiling on uniform smooth and micro-pin-finned surfaces under different subcoolings and heat fluxes. Experimental Thermal and Fluid Science, 2020, 112, 109996.	1.5	31
5	Boiling heat transfer and bubble distribution on inhomogeneous wetting surface patterned with Sierpinski carpet. Applied Thermal Engineering, 2020, 180, 115818.	3.0	9
6	Pool boiling heat transfer and bubble behavior on the treelike networks with wedge-shaped channels. International Communications in Heat and Mass Transfer, 2020, 118, 104811.	2.9	8
7	Pool boiling heat transfer on silicon chips with non-uniform micro-pillars. International Journal of Heat and Mass Transfer, 2020, 151, 119456.	2.5	37
8	Study of droplet self-migration on silicon surface with radial micro-fin structures. Experimental Thermal and Fluid Science, 2020, 114, 110075.	1.5	8
9	Critical heat flux on heterogeneous fractal surfaces with micro-pin-fins in pool boiling Part I: The effects of distribution and subcooling. International Journal of Heat and Mass Transfer, 2019, 136, 1338-1348.	2.5	23
10	Critical heat flux on heterogeneous fractal surfaces with micro-pin-fins in pool boiling – Part II: Model establishment and analysis. International Journal of Heat and Mass Transfer, 2019, 136, 46-54.	2.5	9
11	Experimental Investigation of Copper Mesh Substrate with Selective Wettability to Separate Oil/Water Mixture. Energies, 2019, 12, 4564.	1.6	2
12	Experimental investigations of bubble behaviors and heat transfer performance on micro/nanostructure surfaces. International Journal of Thermal Sciences, 2019, 135, 133-147.	2.6	39
13	Nucleate boiling heat transfer model based on fractal distribution of bubble sizes. International Journal of Heat and Mass Transfer, 2019, 128, 1175-1183.	2.5	8
14	Study on the wettability and condensation heat transfer of sine-shaped micro-grooved surfaces. Experimental Thermal and Fluid Science, 2018, 90, 28-36.	1.5	27
15	CHF correlation of boiling in FC-72 with micro-pin-fins for electronics cooling. Applied Thermal Engineering, 2018, 138, 494-500.	3.0	33
16	Enhancement of condensation heat transfer on grooved surfaces: Numerical analysis and experimental study. Applied Thermal Engineering, 2017, 115, 1287-1297.	3.0	14
17	Influences of wake-effects on bubble dynamics by utilizing micro-pin-finned surfaces under microgravity. Applied Thermal Engineering, 2017, 113, 1332-1344.	3.0	22
18	A fractal dropwise condensation heat transfer model including the effects of contact angle and drop size distribution. International Journal of Heat and Mass Transfer, 2015, 83, 259-272.	2.5	35