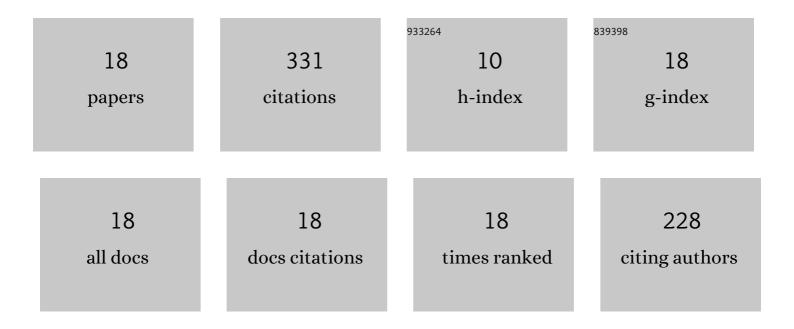
Baojin Qi

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	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
2	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
3	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
4	CHF correlation of boiling in FC-72 with micro-pin-fins for electronics cooling. Applied Thermal Engineering, 2018, 138, 494-500.	3.0	33
5	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
6	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
7	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
8	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
9	Enhancement of condensation heat transfer on grooved surfaces: Numerical analysis and experimental study. Applied Thermal Engineering, 2017, 115, 1287-1297.	3.0	14
10	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
11	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
12	Boiling heat transfer and bubble distribution on inhomogeneous wetting surface patterned with Sierpinski carpet. Applied Thermal Engineering, 2020, 180, 115818.	3.0	9
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	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
15	Study of droplet self-migration on silicon surface with radial micro-fin structures. Experimental Thermal and Fluid Science, 2020, 114, 110075.	1.5	8
16	Convenient and large-scale fabrication of cost-effective superhydrophobic aluminum alloy surface with excellent reparability. Langmuir, 2021, 37, 7810-7820.	1.6	7
17	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
18	Experimental Investigation of Copper Mesh Substrate with Selective Wettability to Separate Oil/Water Mixture. Energies, 2019, 12, 4564.	1.6	2