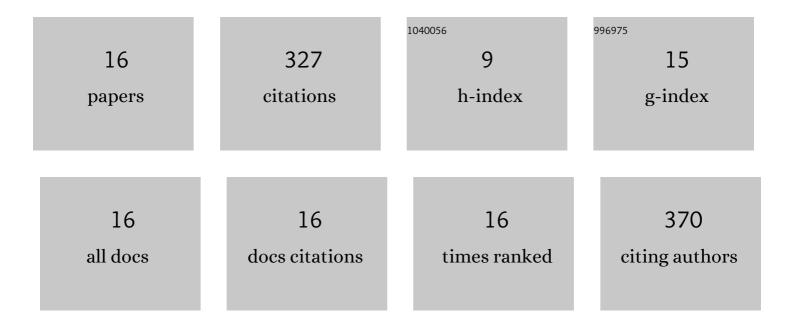
Zhaohui Yao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of contact angles on dynamical characteristics of the annular focused jet between parallel plates. Physics of Fluids, 2022, 34, .	4.0	5
2	Adsorption properties of albumin and fibrinogen on hydrophilic/hydrophobic TiO2 surfaces: A molecular dynamics study. Colloids and Surfaces B: Biointerfaces, 2021, 207, 111994.	5.0	15
3	Cut-corner prism piezoelectric energy harvester based on galloping enhancement mechanism. Energy Reports, 2021, 7, 6366-6374.	5.1	8
4	Molecular dynamics simulations of BSA absorptions on pure and formate-contaminated rutile (1 1 0) surface. Applied Surface Science, 2020, 533, 147574.	6.1	7
5	Formation and evolution of air–water interfaces between hydrophilic structures in a microchannel. Microfluidics and Nanofluidics, 2017, 21, 1.	2.2	11
6	Evolutions of hairpin vortexes over a superhydrophobic surface in turbulent boundary layer flow. Physics of Fluids, 2016, 28, .	4.0	14
7	Drag reductions and the air-water interface stability of superhydrophobic surfaces in rectangular channel flow. Physical Review E, 2016, 94, 053117.	2.1	26
8	Numerical investigation of polygonal particle separation in microfluidic channels. Microfluidics and Nanofluidics, 2016, 20, 1.	2.2	4
9	Mechanical behavior of pathological and normal red blood cells in microvascular flow based on modified level-set method. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	1
10	Mechanisms of drag reduction of superhydrophobic surfaces in a turbulent boundary layer flow. Experiments in Fluids, 2015, 56, 1.	2.4	52
11	Wetting property of smooth and textured hydrophobic surfaces under condensation condition. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2127-2132.	5.1	10
12	Condensation and jumping relay of droplets on lotus leaf. Applied Physics Letters, 2013, 103, .	3.3	130
13	Study of dynamic hydrophobicity of micro-structured hydrophobic surfaces and lotus leaves. Science China: Physics, Mechanics and Astronomy, 2011, 54, 675-682.	5.1	9
14	Drag reduction in ultrahydrophobic channels with micro-nano structured surfaces. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1298-1305.	5.1	23
15	Experimental and computational studies on the flow fields in aortic aneurysms associated with deployment of AAA stent-grafts. Acta Mechanica Sinica/Lixue Xuebao, 2007, 23, 495-501.	3.4	12
16	Investigation of butterfly check valve with optimum closing performance. Proceedings of the JFPS International Symposium on Fluid Power, 1993, 1993, 453-458.	0.1	0