Mingming Xiang

List of Publications by Year
in descending order

10	331	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	433
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Existence and stability of an intermediate wetting state on circular micropillars. Microfluidics and Nanofluidics, 2014, 17, 539-548.	2.2	12
2	Branched ZnO Wire Structures for Water Collection Inspired by Cacti. ACS Applied Materials & Interfaces, 2014, 6, 8032-8041.	8.0	102
3	Behavior of a Liquid Drop between Two Nonparallel Plates. Langmuir, 2014, 30, 8373-8380.	3.5	60
4	Existence and Role of Large Micropillars on the Leaf Surfaces of The President Lotus. Langmuir, 2013, 29, 7715-7725.	3.5	22
5	Wetting States on Circular Micropillars with Convex Sidewalls after Liquids Contact Groove Base. Langmuir, 2013, 29, 15065-15075.	3.5	8
6	Fabrication of Super-Hydrophobic Microchannels via Strain-Recovery Deformations of Polystyrene and Oxygen Reactive Ion Etch. Materials, 2013, 6, 3610-3623.	2.9	16
7	Angle Inequality for Judging the Transition from Cassieâ€“Baxter to Wenzel States When a Water Drop Contacts Bottoms of Grooves between Micropillars. Langmuir, 2012, 28, 13636-13642.	3.5	19
8	Increase buoyancy of a solid fragment using micropillars. Sensors and Actuators A: Physical, 2012, 182, 136-145.	4.1	5
9	A Stable Intermediate Wetting State after a Water Drop Contacts the Bottom of a Microchannel or Is Placed on a Single Corner. Langmuir, 2012, 28, 9554-9561.	3.5	36
10	Transition from Cassieâ€“Baxter to Wenzel States on microline-formed PDMS surfaces induced by evaporation or pressing of water droplets. Microfluidics and Nanofluidics, 2011, 10, 831-842.	2.2	51