

# Mingming Xiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10925676/publications.pdf>

Version: 2024-02-01

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citations

1163117

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1372567

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times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Branched ZnO Wire Structures for Water Collection Inspired by Cacti. ACS Applied Materials & Interfaces, 2014, 6, 8032-8041.	8.0	102
2	Behavior of a Liquid Drop between Two Nonparallel Plates. Langmuir, 2014, 30, 8373-8380.	3.5	60
3	Transition from Cassie-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
4	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
5	Existence and Role of Large Micropillars on the Leaf Surfaces of <i>The President</i> Lotus. Langmuir, 2013, 29, 7715-7725.	3.5	22
6	Angle Inequality for Judging the Transition from Cassie-Baxter to Wenzel States When a Water Drop Contacts Bottoms of Grooves between Micropillars. Langmuir, 2012, 28, 13636-13642.	3.5	19
7	Fabrication of Super-Hydrophobic Microchannels via Strain-Recovery Deformations of Polystyrene and Oxygen Reactive Ion Etch. Materials, 2013, 6, 3610-3623.	2.9	16
8	Existence and stability of an intermediate wetting state on circular micropillars. Microfluidics and Nanofluidics, 2014, 17, 539-548.	2.2	12
9	Wetting States on Circular Micropillars with Convex Sidewalls after Liquids Contact Groove Base. Langmuir, 2013, 29, 15065-15075.	3.5	8
10	Increase buoyancy of a solid fragment using micropillars. Sensors and Actuators A: Physical, 2012, 182, 136-145.	4.1	5