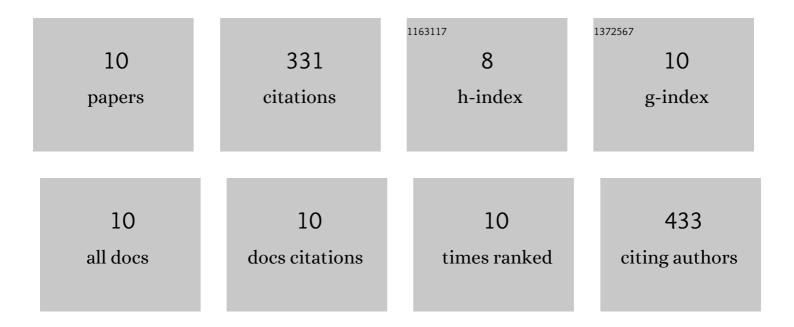
Mingming Xiang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10925676/publications.pdf Version: 2024-02-01



| # | 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 & amp; 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 <i>The President</i> 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 Cassie–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 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 |