

Chuxin Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,608
citations

430874

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642732

23
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docs citations

23
times ranked

1400
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printing a Biomimetic Bridge Arch Solar Evaporator for Eliminating Salt Accumulation with Desalination and Agricultural Applications. <i>Advanced Materials</i> , 2021, 33, e2102443.	21.0	172
2	Efficient spreading and controllable penetration of high-speed drops on superhydrophobic surface by vesicles. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17392-17398.	10.3	32
3	Continuous 3D printing from one single droplet. <i>Nature Communications</i> , 2020, 11, 4685.	12.8	47
4	Liquid harvesting and transport on multiscaled curvatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23436-23442.	7.1	78
5	Droplets Crawling on Peristome Mimetic Surfaces. <i>Advanced Functional Materials</i> , 2020, 30, 1908066.	14.9	15
6	Apex structures enhance water drainage on leaves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1890-1894.	7.1	33
7	Highly efficient three-dimensional solar evaporator for high salinity desalination by localized crystallization. <i>Nature Communications</i> , 2020, 11, 521.	12.8	348
8	Programmable unidirectional liquid transport on peristome-mimetic surfaces under liquid environments. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18244-18248.	10.3	22
9	Enhancing Droplet Deposition on Wired and Curved Superhydrophobic Leaves. <i>ACS Nano</i> , 2019, 13, 7966-7974.	14.6	107
10	Controllable High-Speed Electrostatic Manipulation of Water Droplets on a Superhydrophobic Surface. <i>Advanced Materials</i> , 2019, 31, e1905449.	21.0	121
11	Uniform Spread of High-Speed Drops on Superhydrophobic Surface by Live Oligomeric Surfactant Jamming. <i>Advanced Materials</i> , 2019, 31, e1904475.	21.0	49
12	Bioinspired inner microstructured tube controlled capillary rise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12704-12709.	7.1	92
13	Adaptive Superamphiphilic Organohydrogels with Reconfigurable Surface Topography for Programming Unidirectional Liquid Transport. <i>Advanced Functional Materials</i> , 2019, 29, 1807858.	14.9	54
14	Time-Dependent Liquid Transport on a Biomimetic Topological Surface. <i>ACS Nano</i> , 2018, 12, 5149-5157.	14.6	52
15	Drop Cargo Transfer via Unidirectional Lubricant Spreading on Peristome-Mimetic Surface. <i>ACS Nano</i> , 2018, 12, 11307-11315.	14.6	33
16	Smart Liquid Transport on Dual Biomimetic Surface via Temperature Fluctuation Control. <i>Advanced Functional Materials</i> , 2018, 28, 1707490.	14.9	47
17	Liquids Unidirectional Transport on Dual-Scale Arrays. <i>ACS Nano</i> , 2018, 12, 9214-9222.	14.6	59
18	Peristome Mimetic Curved Surface for Spontaneous and Directional Separation of Micro Water in Oil Drops. <i>Angewandte Chemie</i> , 2017, 129, 13811-13816.	2.0	19

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19	Peristomeâ€Mimetic Curved Surface for Spontaneous and Directional Separation of Micro Waterâ€inâ€Oil Drops. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13623-13628.	13.8	84
20	Titelbild: Uni-Directional Transportation on Peristome-Mimetic Surfaces for Completely Wetting Liquids (<i>Angew. Chem.</i> 48/2016). <i>Angewandte Chemie</i> , 2016, 128, 15097-15097.	2.0	2
21	Uniâ€Directional Transportation on Peristomeâ€Mimetic Surfaces for Completely Wetting Liquids. <i>Angewandte Chemie</i> , 2016, 128, 15212-15216.	2.0	5
22	Uniâ€Directional Transportation on Peristomeâ€Mimetic Surfaces for Completely Wetting Liquids. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14988-14992.	13.8	134