

# Chuxin Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5045896/publications.pdf>

Version: 2024-02-01

22  
papers

1,608  
citations

430874

18  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient three-dimensional solar evaporator for high salinity desalination by localized crystallization. <i>Nature Communications</i> , 2020, 11, 521.	12.8	348
2	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
3	Uni-Directional Transportation on Peristome-Mimetic Surfaces for Completely Wetting Liquids. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14988-14992.	13.8	134
4	Controllable High-Speed Electrostatic Manipulation of Water Droplets on a Superhydrophobic Surface. <i>Advanced Materials</i> , 2019, 31, e1905449.	21.0	121
5	Enhancing Droplet Deposition on Wired and Curved Superhydrophobic Leaves. <i>ACS Nano</i> , 2019, 13, 7966-7974.	14.6	107
6	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
7	Peristome-Mimetic Curved Surface for Spontaneous and Directional Separation of Micro Water and Oil Drops. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13623-13628.	13.8	84
8	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
9	Liquids Unidirectional Transport on Dual-Scale Arrays. <i>ACS Nano</i> , 2018, 12, 9214-9222.	14.6	59
10	Adaptive Superamphiphilic Organohydrogels with Reconfigurable Surface Topography for Programming Unidirectional Liquid Transport. <i>Advanced Functional Materials</i> , 2019, 29, 1807858.	14.9	54
11	Time-Dependent Liquid Transport on a Biomimetic Topological Surface. <i>ACS Nano</i> , 2018, 12, 5149-5157.	14.6	52
12	Uniform Spread of High-Speed Drops on Superhydrophobic Surface by Live Oligomeric Surfactant Jamming. <i>Advanced Materials</i> , 2019, 31, e1904475.	21.0	49
13	Smart Liquid Transport on Dual Biomimetic Surface via Temperature Fluctuation Control. <i>Advanced Functional Materials</i> , 2018, 28, 1707490.	14.9	47
14	Continuous 3D printing from one single droplet. <i>Nature Communications</i> , 2020, 11, 4685.	12.8	47
15	Drop Cargo Transfer via Unidirectional Lubricant Spreading on Peristome-Mimetic Surface. <i>ACS Nano</i> , 2018, 12, 11307-11315.	14.6	33
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Peristomeâ€Mimetic Curved Surface for Spontaneous and Directional Separation of Micro Waterâ€inâ€Oil Drops. <i>Angewandte Chemie</i> , 2017, 129, 13811-13816.	2.0	19
20	Droplets Crawling on Peristomeâ€Mimetic Surfaces. <i>Advanced Functional Materials</i> , 2020, 30, 1908066.	14.9	15
21	Uniâ€Directional Transportation on Peristomeâ€Mimetic Surfaces for Completely Wetting Liquids. <i>Angewandte Chemie</i> , 2016, 128, 15212-15216.	2.0	5
22	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