

# Tao Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2534180/publications.pdf>

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9  
papers

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citations

1307594

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1474206

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times ranked

227  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Performance Bubble Manipulation on Ferrofluid-Infused Laser-Ablated Microstructured Surfaces. <i>Nano Letters</i> , 2020, 20, 5513-5521.	9.1	63
2	Reconfigurable Magnetic Liquid Metal Robot for High-Performance Droplet Manipulation. <i>Nano Letters</i> , 2022, 22, 2923-2933.	9.1	57
3	A Biocompatible Vibration-Actuated Omni-Droplets Rectifier with Large Volume Range Fabricated by Femtosecond Laser. <i>Advanced Materials</i> , 2022, 34, e2108567.	21.0	40
4	Smart Stretchable Janus Membranes with Tunable Collection Rate for Fog Harvesting. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901465.	3.7	34
5	Controllable magnetic field aligned sepiolite nanowires for high ionic conductivity and high safety PEO solid polymer electrolytes. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 596-604.	9.4	33
6	Spontaneous and unidirectional transportation of underwater bubbles on superhydrophobic dual rails. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	18
7	Contactless transport of sessile droplets. <i>Physics of Fluids</i> , 2021, 33, 112115.	4.0	10
8	Sustaining Robust Cavities with Slippery Liquid-Liquid Interfaces. <i>Advanced Science</i> , 2022, 9, e2103568.	11.2	8
9	Femtosecond Laser-Assisted Top-Restricted Self-Growth Re-Entrant Structures on Shape Memory Polymer for Dynamic Pressure Resistance. <i>Langmuir</i> , 2020, 36, 12346-12356.	3.5	7