

# Yongtao Wang

## List of Publications by Year in descending order

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11  
papers

322  
citations

1040056

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1281871

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g-index

11  
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11  
docs citations

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times ranked

526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wafer-scale and deterministic patterned growth of monolayer MoS <sub>2</sub> via vapor-liquid-solid method. <i>Nanoscale</i> , 2019, 11, 16122-16129.	5.6	76
2	Spontaneous Patterning of High-Resolution Electronics via Parallel Vacuum Ultraviolet. <i>Advanced Materials</i> , 2016, 28, 6568-6573.	21.0	60
3	Recyclable Oil-Absorption Foams via Secondary Phase Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13834-13843.	6.7	39
4	Optical microresonator arrays of fluorescence-switchable diarylethenes with unreplicable spectral fingerprints. <i>Materials Horizons</i> , 2020, 7, 1801-1808.	12.2	36
5	Homogeneous dewetting on large-scale microdroplet arrays for solution-processed electronics. <i>NPG Asia Materials</i> , 2017, 9, e409-e409.	7.9	31
6	Nonsolvent-assisted fabrication of multi-scaled polylactide as superhydrophobic surfaces. <i>Soft Matter</i> , 2016, 12, 2766-2772.	2.7	27
7	Controllable domain morphology in coated poly(lactic acid) films for high-efficiency and high-precision transportation of water droplet arrays. <i>RSC Advances</i> , 2017, 7, 53525-53531.	3.6	13
8	Wafer-scale single crystals: crystal growth mechanisms, fabrication methods, and functional applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7829-7851.	5.5	11
9	Preparation of superhydrophobic and superoleophilic polylactic acid nonwoven filter for oil/Water separation. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 289-296.	2.4	10
10	Synergistic Poly(lactic acid) Antibacterial Surface Combining Superhydrophobicity for Antiadhesion and Chlorophyll for Photodynamic Therapy. <i>Langmuir</i> , 2022, 38, 8987-8998.	3.5	10
11	Superhydrophobic Porous PLLA Sponges with Hierarchical Micro-Nano Structures for High-Efficiency Self-Cleaning. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900338.	2.2	9