

Yang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

725
citations

1170033

9
h-index

1637695

9
g-index

9
all docs

9
docs citations

9
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibiting the Leidenfrost effect above 1,000â€‰°C for sustained thermal cooling. <i>Nature</i> , 2022, 601, 568-572.	13.7	120
2	Transforming Ti ₃ C ₂ T _x MXeneâ€™s intrinsic hydrophilicity into superhydrophobicity for efficient photothermal membrane desalination. <i>Nature Communications</i> , 2022, 13, .	5.8	65
3	Modulation of solid surface with desirable under-liquid wettability based on molecular hydrophilicâ€™lipophilic balance. <i>Chemical Science</i> , 2021, 12, 6136-6142.	3.7	17
4	Nanogenerators with Superwetting Surfaces for Harvesting Water/Liquid Energy. <i>Advanced Functional Materials</i> , 2020, 30, 1908252.	7.8	103
5	Flexible Multifunctional Porous Nanofibrous Membranes for High-Efficiency Air Filtration. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43409-43415.	4.0	60
6	Under-liquid dual superlyophobic nanofibrous polymer membranes achieved by coating thin-film composites: a design principle. <i>Chemical Science</i> , 2019, 10, 6382-6389.	3.7	31
7	Amino-Functionalized Porous Nanofibrous Membranes for Simultaneous Removal of Oil and Heavy-Metal Ions from Wastewater. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1672-1679.	4.0	83
8	Infused-liquid-switchable porous nanofibrous membranes for multiphase liquid separation. <i>Nature Communications</i> , 2017, 8, 575.	5.8	143
9	Flexible inorganic nanofibrous membranes with hierarchical porosity for efficient water purification. <i>Chemical Science</i> , 2013, 4, 4378.	3.7	103