

Jingxuan Tian

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

634
citations

933264

10
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of valley-polarized topological edge states in designer surface plasmon crystals. <i>Nature Communications</i> , 2017, 8, 1304.	5.8	287
2	Low-frequency tunable acoustic absorber based on split tube resonators. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	103
3	High-efficiency ventilated metamaterial absorber at low frequency. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	87
4	A facile and cost-effective approach to engineer surface roughness for preparation of large-scale superhydrophobic substrate with high adhesive force. <i>Applied Surface Science</i> , 2016, 389, 679-687.	3.1	27
5	Rapid Multilevel Compartmentalization of Stable All-Aqueous Blastosomes by Interfacial Aqueous-Phase Separation. <i>ACS Nano</i> , 2020, 14, 11215-11224.	7.3	20
6	Interlayer Topological Transport and Devices Based on Layer Pseudospins in Photonic Valleyâ€Hall Phases. <i>Advanced Optical Materials</i> , 2019, 7, 1900872.	3.6	19
7	Deterministic Scheme for Two-Dimensional Type-II Dirac Points and Experimental Realization in Acoustics. <i>Physical Review Letters</i> , 2020, 124, 075501.	2.9	19
8	Hand-Powered Microfluidics for Parallel Droplet Digital Loop-Mediated Isothermal Amplification Assays. <i>ACS Sensors</i> , 2021, 6, 2868-2874.	4.0	17
9	Preparation of orthogonal physicochemical gradients on PDMS surface using microfluidic concentration gradient generator. <i>Applied Surface Science</i> , 2019, 471, 213-221.	3.1	14
10	Steady and Unsteady Buckling of Viscous Capillary Jets and Liquid Bridges. <i>Physical Review Letters</i> , 2020, 125, 104502.	2.9	10
11	Digital microfluidic programmable stencil (dMPS) for protein and cell patterning. <i>RSC Advances</i> , 2016, 6, 101760-101769.	1.7	9
12	Synergistic effect of sunlight induced photothermal conversion and H ₂ O ₂ release based on hybridized tungsten oxide gel for cancer inhibition. <i>Scientific Reports</i> , 2016, 6, 35876.	1.6	7
13	Facile Control of Liquid-Rope Coiling With Tunable Electric Field Configuration. <i>Physical Review Applied</i> , 2019, 12, .	1.5	4
14	One-Pot Self-Assembly of Dual-Color Domes Using Mono-Sized Silica Nanoparticles. <i>Nano Letters</i> , 2022, 22, 5236-5243.	4.5	4
15	Controlled H ₂ O ₂ release via long-lived electronâ€hole separation mediated to induce tumor cell apoptosis. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8115-8122.	2.9	3
16	A valve-free 2D concentration gradient generator. <i>RSC Advances</i> , 2017, 7, 27833-27839.	1.7	3
17	The relationship between atmospheric potential gradient descent along with negative potential gradient anomalies and earthquake precursors. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1