

Limin Zhou

List of Publications by Year in descending order

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933447

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18
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442
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh Density of Gas Molecules Confined in Surface Nanobubbles in Ambient Water. <i>Journal of the American Chemical Society</i> , 2020, 142, 5583-5593.	13.7	88
2	Generation and stability of bulk nanobubbles: A review and perspective. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 53, 101439.	7.4	69
3	The Role of Nanobubbles in the Precipitation and Recovery of Organic-Phosphine-Containing Beneficiation Wastewater. <i>Langmuir</i> , 2018, 34, 6217-6224.	3.5	54
4	Formation and Stability of Bulk Nanobubbles by Vibration. <i>Langmuir</i> , 2020, 36, 2264-2270.	3.5	47
5	Biomembrane induced <i>in situ</i> self-assembly of peptide with enhanced antimicrobial activity. <i>Biomaterials Science</i> , 2020, 8, 2031-2039.	5.4	47
6	Formation and Stability of Surface/Bulk Nanobubbles Produced by Decompression at Lower Gas Concentration. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22418-22423.	3.1	42
7	Force Spectroscopy Revealed a High-Gas-Density State near the Graphite Substrate inside Surface Nanobubbles. <i>Langmuir</i> , 2019, 35, 2498-2505.	3.5	26
8	Collective Dynamics of Bulk Nanobubbles with Size-Dependent Surface Tension. <i>Langmuir</i> , 2021, 37, 7986-7994.	3.5	16
9	Label-Free and Three-Dimensional Visualization Reveals the Dynamics of Plasma Membrane-Derived Extracellular Vesicles. <i>Nano Letters</i> , 2020, 20, 6313-6319.	9.1	15
10	Size-Dependent Stiffness of Nanodroplets: A Quantitative Analysis of the Interaction between an AFM Probe and Nanodroplets. <i>Langmuir</i> , 2016, 32, 11230-11235.	3.5	10
11	Wetting Behavior of Surface Nanodroplets Regulated by Periodic Nanostructured Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55726-55734.	8.0	7
12	Assembly of peptides in mica-graphene nanocapillaries controlled by confined water. <i>Nanoscale</i> , 2019, 11, 8210-8218.	5.6	6
13	Surface Nanobubbles Produced by Cold Water Investigated Using Scanning Transmission X-ray Microscopy. <i>Microscopy and Microanalysis</i> , 2018, 24, 470-471.	0.4	4
14	Mechanical Properties of Sub-Microbubbles with a Nanoparticle-Decorated Polymer Shell. <i>Langmuir</i> , 2019, 35, 17090-17095.	3.5	4
15	Influence of the Dissolved Gas on the Interfacial Properties of Decane Surface Nanodroplets. <i>Langmuir</i> , 2022, 38, 2213-2219.	3.5	4
16	Theoretical Analysis on the Stability of Single Bulk Nanobubble. <i>Frontiers in Materials</i> , 2022, 9, .	2.4	3
17	Formation of Bulk Nanobubbles Induced by Accelerated Electrons Irradiation: Dependences on Dose Rates and Doses of Irradiation. <i>Langmuir</i> , 0, , .	3.5	3
18	Nanobubbles produced by hydraulic air compression technique. <i>Chinese Physics B</i> , 2022, 31, 054702.	1.4	2