Limin Zhou

List of Publications by Year
in descending order

18	447	933447	888059
papers	citations	10 h-index	17 g-index

18	18	18	442
all docs	docs citations	times ranked	citing authors

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