

Xiaolai Li

List of Publications by Year in descending order

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13
papers

143
citations

1307543

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1199563

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all docs

13
docs citations

13
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodic bouncing of a plasmonic bubble in a binary liquid by competing solutal and thermal Marangoni forces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
2	Droplet plume emission during plasmonic bubble growth in ternary liquids. <i>Physical Review E</i> , 2021, 104, 025101.	2.1	3
3	Laser photonic nanojets triggered thermoplasmonic micro/nanofabrication of polymer materials for enhanced resolution. <i>Nanotechnology</i> , 2021, 32, 145301.	2.6	2
4	Plasmonic Microbubble Dynamics in Binary Liquids. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8631-8637.	4.6	10
5	Visual sensing based ultra-high precision motion control with compensated mechanical drift across different stages. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020, , 1-1.	5.8	4
6	Plasmonic Bubble Nucleation and Growth in Water: Effect of Dissolved Air. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23586-23593.	3.1	29
7	Sequential Evaporation-Induced Formation of Polymeric Surface Microdots via Ouzo Effect. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900002.	3.7	4
8	A CO ₂ -tunable plasmonic nanosensor based on the interfacial assembly of gold nanoparticles on diblock copolymers grafted from gold surfaces. <i>RSC Advances</i> , 2018, 8, 22177-22181.	3.6	3
9	Automated image segmentation-assisted flattening of atomic force microscopy images. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 975-985.	2.8	16
10	Entrapment and Dissolution of Microbubbles Inside Microwells. <i>Langmuir</i> , 2018, 34, 10659-10667.	3.5	15
11	3D micro-particle image modeling and its application in measurement resolution investigation for visual sensing based axial localization in an optical microscope. <i>Measurement Science and Technology</i> , 2017, 28, 015402.	2.6	3
12	Entrapment of interfacial nanobubbles on nano-structured surfaces. <i>Soft Matter</i> , 2017, 13, 5381-5388.	2.7	30
13	Robust nanobubble and nanodroplet segmentation in atomic force microscope images using the spherical Hough transform. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 2572-2582.	2.8	9