

Aobo Li

List of Publications by Year in descending order

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16
papers

195
citations

1040056

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1199594

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17
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docs citations

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times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating Microsystems with Metamaterials Towards Metadevices. , 2019, , .		0
2	Integrating Microsystems with Metamaterials Towards Metadevices. , 2019, , .		0
3	A High Sensitivity Microfluidic Channel Enabled Terahertz Metamaterial Absorber For Sensing And Detectio. , 2019, , .		0
4	Graphene Nanofluids as Thermal Management Materials: Molecular Dynamics Study on Orientation and Temperature Effects. ACS Applied Nano Materials, 2019, 2, 6828-6835.	5.0	14
5	Integrating microsystems with metamaterials towards metadevices. Microsystems and Nanoengineering, 2019, 5, 5.	7.0	65
6	Metamaterials: Diatom Frustuleâ€Inspired Metamaterial Absorbers: The Effect of Hierarchical Pattern Arrays (Adv. Funct. Mater. 22/2019). Advanced Functional Materials, 2019, 29, 1970151.	14.9	3
7	Diatom Frustuleâ€Inspired Metamaterial Absorbers: The Effect of Hierarchical Pattern Arrays. Advanced Functional Materials, 2019, 29, 1809029.	14.9	14
8	Silica Nanowire Growth on Coscinodiscus Species Diatom Frustules via Vaporâ€Liquidâ€Solid Process. Small, 2018, 14, 1801822.	10.0	8
9	Towards uniformly oriented diatom frustule monolayers: Experimental and theoretical analyses. Microsystems and Nanoengineering, 2016, 2, 16064.	7.0	14
10	Biologically enabled micro- and nanostencil lithography using diatoms. Extreme Mechanics Letters, 2015, 4, 186-192.	4.1	9
11	Bonding of diatom frustules and Si substrates assisted by hydrofluoric acid. New Journal of Chemistry, 2014, 38, 206-212.	2.8	10
12	Multi-layer hierarchical array fabricated with diatom frustules for highly sensitive bio-detection applications. Journal of Micromechanics and Microengineering, 2014, 24, 025014.	2.6	13
13	Culture and Motion Analysis of Diatom Bacillaria paradoxa on a Microfluidic Platform. Current Microbiology, 2013, 67, 652-658.	2.2	5
14	Diatom based biosensor for high sensitive fluorescence detection based on a spin-on glass bonding technique. , 2012, , .		1
15	Biosilica structures obtained from Nitzschia, Ditylum, Skeletonema, and Coscinodiscus diatom by a filtration-aided acid cleaning method. Applied Microbiology and Biotechnology, 2012, 95, 1165-1178.	3.6	24
16	Assembling and Patterning of Diatom Frustules onto PDMS Substrates Using Photoassisted Chemical Bonding. Chemistry Letters, 2011, 40, 1354-1356.	1.3	15