Fei Long

List of Publications by Year
in descending order

21 papers	541 citations	759055 12 h-index	752573 20 g-index
21 all docs	21 docs citations	21 times ranked	984 citing authors

#	Article	IF	Citations
1	Tuning Li₂O₂ Formation Routes by Facet Engineering of MnO₂ Cathode Catalysts. Journal of the American Chemical Society, 2019, 141, 12832-12838.	6.6	107
2	Development of nanocellulose-reinforced PLA nanocomposite by using maleated PLA (PLA-g-MA). Journal of Thermoplastic Composite Materials, 2018, 31, 1090-1101.	2.6	61
3	Cations controlled growth of Î²-MnO2 crystals with tunable facets for electrochemical energy storage. Nano Energy, 2018, 48, 301-311.	8.2	56
4	Polydopamine and collagen coated micro-grated polydimethylsiloxane for human mesenchymal stem cell culture. Bioactive Materials, 2019, 4, 142-150.	8.6	53
5	Anisotropic Friction of Wrinkled Graphene Grown by Chemical Vapor Deposition. ACS Applied Materials & Interfaces, 2017, 9, 20922-20927.	4.0	51
6	Characteristic Work Function Variations of Graphene Line Defects. ACS Applied Materials & Interfaces, 2016, 8, 18360-18366.	4.0	43
7	Virus Isoelectric Point Determination Using Single-Particle Chemical Force Microscopy. Langmuir, 2020, 36, 370-378.	1.6	36
8	Accurate Characterization of Mixed Plastic Waste Using Machine Learning and Fast Infrared Spectroscopy. ACS Sustainable Chemistry and Engineering, 2021, 9, 14143-14151.	3.2	23
9	Facile electrochemical synthesis of antimicrobial TiO2 nanotube arrays. International Journal of Nanomedicine, 2014, 9, 5177.	3.3	18
10	Energy-driven surface evolution in beta-MnO2 structures. Nano Research, 2018, 11, 206-215.	5.8	15
11	Preformed Seeds Modulate Native Insulin Aggregation Kinetics. Journal of Physical Chemistry B, 2015, 119, 15089-15099.	1.2	13
12	An in-situ photocrosslinking microfluidic technique to generate non-spherical, cytocompatible, degradable, monodisperse alginate microgels for chondrocyte encapsulation. Biomicrofluidics, 2018, 12, 014106.	1.2	13
13	Evidence of Splitting 1,2,3â€Triazole into an Alkyne and Azide by Low Mechanical Force in the Presence of Other Covalent Bonds. Chemistry - A European Journal, 2016, 22, 9760-9767.	1.7	11
14	Selective Growth of Two-Dimensional Heterostructures of Gallium Selenide on Monolayer Graphene and the Thickness Dependent p- and n-Type Nature. ACS Applied Nano Materials, 2018, 1, 3293-3302.	2.4	9
15	Localized Mechanical Stress Induced Ionic Redistribution in a Layered LiCoO₂ Cathode. ACS Applied Materials & Interfaces, 2016, 8, 29391-29399.	4.0	7
16	In situ visualization of the superior nanomechanical flexibility of individual hydroxyapatite nanobelts. CrystEngComm, 2018, 20, 1031-1036.	1.3	7
17	The Effect of Adsorbed Volatile Organic Compounds on an Ultrathin Water Film Measurement. Applied Sciences (Switzerland), 2020, 10, 5981.	1.3	7
18	Modification of a single-molecule AFM probe with highly defined surface functionality. Beilstein Journal of Nanotechnology, 2014, 5, 2122-2128.	1.5	5

#	Article	IF	Citations
19	Is there value in chemical modification of fish scale surfaces?. Journal of Applied Polymer Science, 2016, 133, .	1.3	5
20	Narrowing Plasmon Resonance Linewidth of Au Nanodome Lattices. ACS Applied Materials & Interfaces, 2017, 9, 38943-38949.	4.0	1
21	In situ visualization of superior nanomechanical flexibility of individual ydroxyapatite nanobelts. Microscopy and Microanalysis, 2021, 27, 1780-1781.	0.2	0