

# Fei Long

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4907005/publications.pdf>

Version: 2024-02-01

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	In situ visualization of superior nanomechanical flexibility of individual hydroxyapatite nanobelts. <i>Microscopy and Microanalysis</i> , 2021, 27, 1780-1781.	0.2	0
2	Accurate Characterization of Mixed Plastic Waste Using Machine Learning and Fast Infrared Spectroscopy. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14143-14151.	3.2	23
3	Virus Isoelectric Point Determination Using Single-Particle Chemical Force Microscopy. <i>Langmuir</i> , 2020, 36, 370-378.	1.6	36
4	The Effect of Adsorbed Volatile Organic Compounds on an Ultrathin Water Film Measurement. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5981.	1.3	7
5	Tuning $\text{Li}_2\text{O}$ Formation Routes by Facet Engineering of $\text{MnO}_2$ Cathode Catalysts. <i>Journal of the American Chemical Society</i> , 2019, 141, 12832-12838.	6.6	107
6	Polydopamine and collagen coated micro-grated polydimethylsiloxane for human mesenchymal stem cell culture. <i>Bioactive Materials</i> , 2019, 4, 142-150.	8.6	53
7	<i>In situ</i> visualization of the superior nanomechanical flexibility of individual hydroxyapatite nanobelts. <i>CrystEngComm</i> , 2018, 20, 1031-1036.	1.3	7
8	An <i>in-situ</i> photocrosslinking microfluidic technique to generate non-spherical, cytocompatible, degradable, monodisperse alginate microgels for chondrocyte encapsulation. <i>Biomicrofluidics</i> , 2018, 12, 014106.	1.2	13
9	Cations controlled growth of $\beta\text{-MnO}_2$ crystals with tunable facets for electrochemical energy storage. <i>Nano Energy</i> , 2018, 48, 301-311.	8.2	56
10	Energy-driven surface evolution in beta- $\text{MnO}_2$ structures. <i>Nano Research</i> , 2018, 11, 206-215.	5.8	15
11	Development of nanocellulose-reinforced PLA nanocomposite by using maleated PLA (PLA-g-MA). <i>Journal of Thermoplastic Composite Materials</i> , 2018, 31, 1090-1101.	2.6	61
12	Selective Growth of Two-Dimensional Heterostructures of Gallium Selenide on Monolayer Graphene and the Thickness Dependent <i>p</i> - and <i>n</i> -Type Nature. <i>ACS Applied Nano Materials</i> , 2018, 1, 3293-3302.	2.4	9
13	Anisotropic Friction of Wrinkled Graphene Grown by Chemical Vapor Deposition. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 20922-20927.	4.0	51
14	Narrowing Plasmon Resonance Linewidth of Au Nanodome Lattices. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38943-38949.	4.0	1
15	Characteristic Work Function Variations of Graphene Line Defects. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 18360-18366.	4.0	43
16	Is there value in chemical modification of fish scale surfaces?. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	5
17	Evidence of Splitting 1,2,3-Triazole into an Alkyne and Azide by Low Mechanical Force in the Presence of Other Covalent Bonds. <i>Chemistry - A European Journal</i> , 2016, 22, 9760-9767.	1.7	11
18	Localized Mechanical Stress Induced Ionic Redistribution in a Layered $\text{LiCoO}_2$ Cathode. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29391-29399.	4.0	7

#	ARTICLE	IF	CITATIONS
19	Preformed Seeds Modulate Native Insulin Aggregation Kinetics. Journal of Physical Chemistry B, 2015, 119, 15089-15099.	1.2	13
20	Facile electrochemical synthesis of antimicrobial TiO <sub>2</sub> nanotube arrays. International Journal of Nanomedicine, 2014, 9, 5177.	3.3	18
21	Modification of a single-molecule AFM probe with highly defined surface functionality. Beilstein Journal of Nanotechnology, 2014, 5, 2122-2128.	1.5	5