

Qian Nataly Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11836341/publications.pdf>

Version: 2024-02-01

15
papers

746
citations

932766

10
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

1119
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology, microstructure, and phase states in selective laser sintered lithium ion battery cathodes. Journal of Materials Processing Technology, 2021, 288, 116827.	3.1	20
2	Microstructure, mechanical properties, and ionic conductivity of a solid-state electrolyte prepared using binderless laser powder bed fusion. Journal of Materials Research, 2021, 36, 4565-4577.	1.2	4
3	Imaging Space Charge Regions in Sm-Doped Ceria Using Strain-Based Scanning Probe Techniques. ECS Transactions, 2017, 78, 335-342.	0.3	3
4	Enhanced lithium ion storage in nanoimprinted carbon. Applied Physics Letters, 2015, 107, 043904.	1.5	1
5	Strain-based scanning probe microscopies for functional materials, biological structures, and electrochemical systems. Journal of Materiomics, 2015, 1, 3-21.	2.8	100
6	Probing Multiferroic Heterostructures of BiFeO ₃ -LiMn ₂ O ₄ Using Magnetic, Piezoelectric and Piezomagnetic Force Microscopies. , 2014, , .		0
7	Piezoelectric and piezomagnetic force microscopies of multiferroic BiFeO ₃ -LiMn ₂ O ₄ heterostructures. Journal of Applied Physics, 2014, 116, 066805.	1.1	9
8	Mechanisms of electromechanical coupling in strain based scanning probe microscopy. Applied Physics Letters, 2014, 104, .	1.5	121
9	Imaging space charge regions in Sm-doped ceria using electrochemical strain microscopy. Applied Physics Letters, 2014, 105, .	1.5	41
10	Ferroelectric switching of elastin. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2780-6.	3.3	66
11	High sensitivity piezomagnetic force microscopy for quantitative probing of magnetic materials at the nanoscale. Nanoscale, 2013, 5, 5747.	2.8	20
12	High resolution quantitative piezoresponse force microscopy of BiFeO ₃ nanofibers with dramatically enhanced sensitivity. Nanoscale, 2012, 4, 408-413.	2.8	82
13	Delineating local electromigration for nanoscale probing of lithium ion intercalation and extraction by electrochemical strain microscopy. Applied Physics Letters, 2012, 101, 063901.	1.5	54
14	Biological Ferroelectricity Uncovered in Aortic Walls by Piezoresponse Force Microscopy. Physical Review Letters, 2012, 108, 078103.	2.9	138
15	Mesoporous carbon nanofibers with a high surface area electrospun from thermoplastic polyvinylpyrrolidone. Nanoscale, 2012, 4, 7199.	2.8	87