

Ronggang Cai

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

263
citations

933447

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1125743

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all docs

14
docs citations

14
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	How roughness controls the water repellency of woven fabrics. <i>Materials and Design</i> , 2020, 187, 108389.	7.0	14
2	Thermally Induced Flexo- π -Type Effects in Nanopatterned Multiferroic Layers. <i>Advanced Functional Materials</i> , 2020, 30, 1910371.	14.9	10
3	One-Step Aqueous Spraying Process for the Fabrication of Omniphobic Fabrics Free of Long Perfluoroalkyl Chains. <i>ACS Omega</i> , 2019, 4, 16660-16666.	3.5	14
4	Environmentally Friendly Super-Water-Repellent Fabrics Prepared from Water-Based Suspensions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15346-15351.	8.0	48
5	Room-Temperature Magnetic Switching of the Electric Polarization in Ferroelectric Nanopillars. <i>ACS Nano</i> , 2018, 12, 576-584.	14.6	24
6	Multiferroic Nanopatterned Hybrid Material with Room-Temperature Magnetic Switching of the Electric Polarization. <i>Advanced Materials</i> , 2017, 29, 1604604.	21.0	20
7	Local polarization switching in stressed ferroelectric polymers. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	12
8	Local Maps of the Polarization and Depolarization in Organic Ferroelectric Field-Effect Transistors. <i>Scientific Reports</i> , 2016, 6, 22116.	3.3	13
9	Organic ferroelectric/semiconducting nanowire hybrid layer for memory storage. <i>Nanoscale</i> , 2016, 8, 5968-5976.	5.6	8
10	Field-effect memory transistors based on arrays of nanowires of a ferroelectric polymer. , 2015, , .		0
11	An organic ferroelectric field effect transistor with poly(vinylidene fluoride-co-trifluoroethylene) nanostripes as gate dielectric. <i>Applied Physics Letters</i> , 2014, 105, 113113.	3.3	12
12	Nanoscale Design of Multifunctional Organic Layers for Low-Power High-Density Memory Devices. <i>ACS Nano</i> , 2014, 8, 3498-3505.	14.6	36
13	The Ferro- to Paraelectric Curie Transition of a Strongly Confined Ferroelectric Polymer. <i>Macromolecules</i> , 2014, 47, 4711-4717.	4.8	11
14	Structure and Ferroelectric Properties of Nanoimprinted Poly(vinylidene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (fluoride-ran-triflu	4.8	41