

Ronggang Cai

List of Publications by Year in descending order

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papers

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14
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463
citing authors

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