Gaokuo Zhong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9210558/publications.pdf

Version: 2024-02-01

		759233	713466
21	440	12	21
papers	citations	h-index	g-index

22	22	22	665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flexible room-temperature multiferroic thin film with multifield tunable coupling properties. Materials Today Physics, 2022, 23, 100615.	6.0	4
2	Significantly enhanced energy storage density and efficiency in flexible Bi3.15Nd0.85Ti3O12 thin film via periodic dielectric layers. Journal of Applied Physics, 2022, 131, .	2.5	2
3	Performance Optimization of Atomic Layer Deposited HfO_x Memristor by Annealing With Back-End-of-Line Compatibility. IEEE Electron Device Letters, 2022, 43, 1141-1144.	3.9	9
4	Global-Gate Controlled One-Transistor One-Digital-Memristor Structure for Low-Bit Neural Network. IEEE Electron Device Letters, 2021, 42, 106-109.	3.9	9
5	Highly Ordered SnO2 Nanopillar Array as Binder-Free Anodes for Long-Life and High-Rate Li-Ion Batteries. Nanomaterials, 2021, 11, 1307.	4.1	12
6	Hardwareâ€Friendly Stochastic and Adaptive Learning in Memristor Convolutional Neural Networks. Advanced Intelligent Systems, 2021, 3, 2100041.	6.1	16
7	Probing Ultrafast Dynamics of Ferroelectrics by Timeâ€Resolved Pumpâ€Probe Spectroscopy. Advanced Science, 2021, 8, e2102488.	11.2	19
8	Large-scale multiferroic complex oxide epitaxy with magnetically switched polarization enabled by solution processing. National Science Review, 2020, 7, 84-91.	9.5	20
9	Highly Robust Flexible Ferroelectric Field Effect Transistors Operable at High Temperature with Lowâ€Power Consumption. Advanced Functional Materials, 2020, 30, 1906131.	14.9	32
10	Muscovite mica as a universal platform for flexible electronics. Journal of Materiomics, 2020, 6, 455-457.	5.7	22
11	Flexible electronic synapse enabled by ferroelectric field effect transistor for robust neuromorphic computing. Applied Physics Letters, 2020, 117, .	3.3	57
12	Epitaxial array of Fe3O4 nanodots for high rate high capacity conversion type lithium ion batteries electrode with long cycling life. Nano Energy, 2020, 74, 104876.	16.0	51
13	Highly Flexible and Twistable Freestanding Single Crystalline Magnetite Film with Robust Magnetism. Advanced Functional Materials, 2020, 30, 2003495.	14.9	42
14	Atomic-Scale insight into the reversibility of polar order in ultrathin epitaxial Nb:SrTiO3/BaTiO3 heterostructure and its implication to resistive switching. Acta Materialia, 2020, 188, 23-29.	7.9	12
15	Crystallographically engineered hierarchical polydomain nanostructures in perovskite ferroelectric films. Acta Materialia, 2019, 171, 282-290.	7.9	10
16	Self-assembling epitaxial growth of a single crystalline CoFe₂O₄ nanopillar array via dual-target pulsed laser deposition. Journal of Materials Chemistry C, 2018, 6, 4854-4860.	5.5	4
17	Tuning Fe concentration in epitaxial gallium ferrite thin films for room temperature multiferroic properties. Acta Materialia, 2018, 145, 488-495.	7.9	26
18	Synthesis and mechanical properties characterization of multiferroic BiFeO3-CoFe2O4 composite nanofibers. Ceramics International, 2018, 44, 11617-11621.	4.8	14

#	Article	IF	Citations
19	Surface-step-terrace tuned second-order nonlinear optical coefficients of epitaxial ferroelectric BaTiO₃ films. Journal of Materials Chemistry C, 2018, 6, 11679-11685.	5.5	11
20	Characterization of domain distributions by second harmonic generation in ferroelectrics. Npj Computational Materials, 2018, 4, .	8.7	25
21	Deterministic, Reversible, and Nonvolatile Low-Voltage Writing of Magnetic Domains in Epitaxial BaTiO₃/Fe₃O₄ Heterostructure. ACS Nano, 2018, 12, 9558-9567.	14.6	43