

Chunrui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6139983/publications.pdf>

Version: 2024-02-01

23
papers

961
citations

516710

16
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Domain-Engineered Flexible Ferrite Membrane for Novel Machine Learning Based Multimodal Flexible Sensing. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	4
2	Electrochemically driven dual bipolar resistive switching in $\text{LaNiO}_3/\text{SmNiO}_3/\text{Nb:SrTiO}_3$ heterostructures fabricated through selective area epitaxy. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7707-7716.	5.5	8
3	Silicon-integrated lead-free BaTiO_3 -based film capacitors with excellent energy storage performance and highly stable irradiation resistance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14818-14826.	10.3	7
4	Modulating the transport property of flexible $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ thin film by mechanical bending. <i>Applied Physics Letters</i> , 2021, 118, 052404.	3.3	2
5	Effect of mosaicity on energy storage performance of epitaxial $\text{BaZr}_{0.35}\text{Ti}_{0.65}\text{O}_3$ films. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	6
6	Enhancing energy storage performances in an ultra-wide temperature range via interface engineering and thermal management for silicon-integrated dielectric capacitors. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	3
7	Design strategy of barium titanate/polyvinylidene fluoride-based nanocomposite films for high energy storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 884-917.	10.3	151
8	Enhanced Energy Storage Performance of Lead-Free Capacitors in an Ultrawide Temperature Range via Engineering Paraferroelectric and Relaxor Ferroelectric Multilayer Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25930-25937.	8.0	35
9	Controlling the Dirac point voltage of graphene by mechanically bending the ferroelectric gate of a graphene field effect transistor. <i>Materials Horizons</i> , 2019, 6, 302-310.	12.2	21
10	Recent progress on flexible inorganic single-crystalline functional oxide films for advanced electronics. <i>Materials Horizons</i> , 2019, 6, 911-930.	12.2	46
11	Realization of high energy density in an ultra-wide temperature range through engineering of ferroelectric sandwich structures. <i>Nano Energy</i> , 2019, 62, 725-733.	16.0	42
12	Integration of Both Invariable and Tunable Microwave Magnetisms in a Single Flexible $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ Thin Film. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22677-22683.	8.0	26
13	All-Inorganic Flexible Embedded Thin-Film Capacitors for Dielectric Energy Storage with High Performance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5247-5255.	8.0	81
14	Interface thickness optimization of lead-free oxide multilayer capacitors for high-performance energy storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1858-1864.	10.3	52
15	Enhanced bending-tuned magnetic properties in epitaxial cobalt ferrite nanopillar arrays on flexible substrates. <i>Materials Horizons</i> , 2018, 5, 230-239.	12.2	31
16	High-performance $\text{BaZr}_{0.35}\text{Ti}_{0.65}\text{O}_3$ thin film capacitors with ultrahigh energy storage density and excellent thermal stability. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12291-12297.	10.3	96
17	Flexible Lithium Ferrite Nanopillar Arrays for Bending Stable Microwave Magnetism. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39422-39427.	8.0	18
18	Structural transition induced enhancement of magnetization and magnetoresistance in epitaxial $(\text{Pr}_{0.5}\text{Ba}_{0.5}\text{MnO}_3)_{1-x}(\text{CeO}_2)_x$ vertically aligned thin films. <i>CrystrEngComm</i> , 2018, 20, 5017-5024.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Significantly enhanced energy storage density with superior thermal stability by optimizing Ba(Zr _{0.15} Ti _{0.85})O ₃ /Ba(Zr _{0.35} Ti _{0.65})O ₃ multilayer structure. Nano Energy, 2018, 51, 539-545.	16.0	108
20	Detecting Electric Dipoles Interaction at the Interface of Ferroelectric and Electrolyte Using Graphene Field Effect Transistors. ACS Applied Materials & Interfaces, 2017, 9, 4244-4252.	8.0	16
21	Large Energy Density, Excellent Thermal Stability, and High Cycling Endurance of Lead-Free BaZr _{0.2} Ti _{0.8} O ₃ Film Capacitors. ACS Applied Materials & Interfaces, 2017, 9, 17096-17101.	8.0	76
22	Self-Organization of Ions at the Interface between Graphene and Ionic Liquid DEME-TFSI. ACS Applied Materials & Interfaces, 2017, 9, 35437-35443.	8.0	17
23	Flexible Quasi-Two-Dimensional CoFe ₂ O ₄ Epitaxial Thin Films for Continuous Strain Tuning of Magnetic Properties. ACS Nano, 2017, 11, 8002-8009.	14.6	111