

Wei Ren

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

518
citations

840776

11
h-index

713466

21
g-index

40
all docs

40
docs citations

40
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	High Curie temperature bismuth-based piezo-/ferroelectric single crystals of complex perovskite structure: recent progress and perspectives. CrystEngComm, 2022, 24, 220-230.	2.6	13
2	Self-Assembled Epitaxial Ferroelectric Oxide Nanospring with Super-Scalability. Advanced Materials, 2022, 34, e2108419.	21.0	11
3	Single-Beam Acoustic Tweezer Prepared by Lead-Free KNN-Based Textured Ceramics. Micromachines, 2022, 13, 175.	2.9	4
4	Deep Learning-Based Classification of Cancer Cell in Leptomeningeal Metastasis on Cytomorphologic Features of Cerebrospinal Fluid. Frontiers in Oncology, 2022, 12, 821594.	2.8	4
5	Large-Area and Clean Graphene Transfer on Gold-Nanopyramid-Structured Substrates: Implications for Surface-Enhanced Raman Scattering Detection. ACS Applied Nano Materials, 2022, 5, 3878-3888.	5.0	2
6	Self-Assembled Epitaxial Ferroelectric Oxide Nanospring with Super-Scalability (Adv. Mater. 13/2022). Advanced Materials, 2022, 34, .	21.0	0
7	An overview of MEMS S&A device and its application in the micro-detonated system. International Journal of Modern Physics B, 2022, 36, .	2.0	1
8	Giant strain responses and relaxor characteristics in lead-free $(\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3)_{1-x}(\text{BaZrO}_3)_x$ ferroelectric thin films. Journal of Materials Chemistry C, 2022, 10, 7449-7459.	5.5	8
9	Design, Fabrication, and Characterization of a Laser-Controlled Explosion-Initiating Device with Integrated Safe-and-Arm, EMP-Resistant, and Fast-Acting Technology Based on Photovoltaic Power Converter. Micromachines, 2022, 13, 728.	2.9	1
10	Highly heterogeneous epitaxy of flexoelectric BaTiO_3 - PbTiO_3 membrane on Ge. Nature Communications, 2022, 13, .	12.8	22
11	Design of a Double-Layer Electrothermal MEMS Safety and Arming Device with a Bistable Mechanism. Micromachines, 2022, 13, 1076.	2.9	2
12	Magnetolectric devices based on magnetolectric bulk composites. Journal of Materials Chemistry C, 2021, 9, 5594-5614.	5.5	26
13	Design and Fabrication of Bulk Micromachined 4H-SiC Piezoresistive Pressure Chips Based on Femtosecond Laser Technology. Micromachines, 2021, 12, 56.	2.9	15
14	Design and Manufacturing of a High-Sensitivity Cutting Force Sensor Based on AlSiCO Ceramic. Micromachines, 2021, 12, 63.	2.9	6
15	Evolution of mesoscopic domain structure and macroscopic properties in lead-free $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ - BaTiO_3 ferroelectric ceramics. Journal of Applied Physics, 2021, 129, .	2.5	23
16	Multiple structural components and their competition in the intermediate state of antiferroelectric $\text{Pb}_3\text{Zr}_2\text{O}_{13}$. Physical Review B, 2021, 103, .	3.0	23
17	The development of an on-chip microinitiator with a built-in safety-and-arming device. Review of Scientific Instruments, 2021, 92, 025007.	1.3	7
18	Ferroelastic domain hierarchy in the intermediate state of $\text{PbZr}_{0.98}\text{Ti}_{0.02}\text{O}_3$ single crystal. APL Materials, 2021, 9, .	5.1	9

#	ARTICLE	IF	CITATIONS
37	Effects of MnO ₂ addition on the electrical properties of lead-free textured potassium sodium niobate-based ceramics. <i>Ferroelectrics</i> , 2019, 553, 51-59.	0.6	1
38	Effect of heat treatment on thermoelectric properties of tungsten-rhenium thin-film thermocouples by RF magnetron sputtering. <i>AIP Advances</i> , 2018, 8, 125113.	1.3	5
39	Research on MEMS multi-point exploding metal foil synchronous array. <i>Modern Physics Letters B</i> , 0, , 2140018.	1.9	1