

Dixiong Wang

List of Publications by Year in descending order

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18
papers

425
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933447

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times ranked

465
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#	ARTICLE	IF	CITATIONS
1	Sub-µs Microsecond Polarization Switching in (Al,Sc)N Ferroelectric Capacitors Grown on Complementary Metal-Oxide-Semiconductor-Compatible Aluminum Electrodes. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2000575.	2.4	39
2	Post-CMOS Compatible Aluminum Scandium Nitride/2D Channel Ferroelectric Field-Effect-Transistor Memory. <i>Nano Letters</i> , 2021, 21, 3753-3761.	9.1	83
3	Aluminum scandium nitride-based metal-ferroelectric-metal diode memory devices with high on/off ratios. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	49
4	Nanoscale Structural and Chemical Properties of Ferroelectric Aluminum Scandium Nitride Thin Films. <i>Journal of Physical Chemistry C</i> , 2021, 125, 14394-14400.	3.1	11
5	Comparison of different sintering aids in cold sintering-assisted densification of lead zirconate titanate. <i>Journal of the American Ceramic Society</i> , 2021, 104, 5479-5488.	3.8	10
6	Strain Engineering in Aluminum Scandium Nitride Thin Film using Four-dimensional Scanning Transmission Electron Microscopy (4D-STEM) Technique. <i>Microscopy and Microanalysis</i> , 2021, 27, 2204-2205.	0.4	0
7	Cold Sintering of PZT 2-2 Composites for High Frequency Ultrasound Transducer Arrays. <i>Actuators</i> , 2021, 10, 235.	2.3	4
8	Electrical breakdown strength enhancement in aluminum scandium nitride through a compositionally modulated periodic multilayer structure. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	11
9	Ferroelectric C-Axis Textured Aluminum Scandium Nitride Thin Films of 100 nm Thickness. , 2020, , .		18
10	Ferroelectric Switching in Sub-20 nm Aluminum Scandium Nitride Thin Films. <i>IEEE Electron Device Letters</i> , 2020, 41, 1774-1777.	3.9	55
11	Fabrication of bimorph lead zirconate titanate thick films on metal substrates via the cold sintering-assisted process. <i>Acta Materialia</i> , 2020, 195, 482-490.	7.9	9
12	Model for the cold sintering of lead zirconate titanate ceramic composites. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4894-4902.	3.8	12
13	A Multi-Beam Shared-Inductor Reconfigurable Voltage/SECE Mode Piezoelectric Energy Harvesting Interface Circuit. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2019, 13, 1277-1287.	4.0	13
14	27.4 Multi-Beam Shared-Inductor Reconfigurable Voltage/SECE-Mode Piezoelectric Energy Harvesting of Multi-Axial Human Motion. , 2019, , .		18
15	Experiments on a wireless power transfer system for wearable device with sol-gel thin-film PZT. <i>Journal of Physics: Conference Series</i> , 2019, 1407, 012063.	0.4	2
16	Bismuth niobate thin films for dielectric energy storage applications. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3443-3451.	3.8	17
17	Cold sintering and electrical characterization of lead zirconate titanate piezoelectric ceramics. <i>APL Materials</i> , 2018, 6, .	5.1	62
18	In situ degradation studies of two-dimensional WSe ₂ graphene heterostructures. <i>Nanoscale</i> , 2015, 7, 14489-14495.	5.6	12