

Kevin Nadaud

List of Publications by Year in descending order

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42
papers

493
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759233

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43
all docs

43
docs citations

43
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the electrical activity of individual ZnO nanowires thermally annealed in air. <i>Nanoscale Advances</i> , 2022, 4, 1125-1135.	4.6	3
2	Effect of thermal annealing on dielectric and ferroelectric properties of aerosol-deposited $0.65\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - 0.35PbTiO_3 thick films. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	9
3	Real-Time Capturing of Microscale Events Controlling the Sintering of Lead-Free Piezoelectric Potassium-Sodium Niobate. <i>Small</i> , 2022, 18, e2106825.	10.0	6
4	Multifunctional energy storage and piezoelectric properties of $0.65\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - 0.35PbTiO_3 thick films on stainless-steel substrates. <i>JPhys Energy</i> , 2022, 4, 024004.	5.3	6
5	Dielectric, piezoelectric and electrostrictive properties of antiferroelectric lead-zirconate thin films. <i>Journal of Alloys and Compounds</i> , 2022, 914, 165340.	5.5	6
6	Low-Temperature Hydrothermal Growth of ZnO Nanowires on AZO Substrates for FACsPb(I ₃) ₃ Perovskite Solar Cells. <i>Nanomaterials</i> , 2022, 12, 2093.	4.1	3
7	Evidence of residual ferroelectric contribution in antiferroelectric lead-zirconate thin films by first-order reversal curves. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	11
8	Fabrication of Piezoelectric ZnO Nanowires Energy Harvester on Flexible Substrate Coated with Various Seed Layer Structures. <i>Nanomaterials</i> , 2021, 11, 1433.	4.1	15
9	Study of a residual ferroelectric contribution in antiferroelectric lead-zirconate thin films. , 2021, , .		0
10	Influence of topology and diode characteristics of AC-DC converters for low power piezoelectric energy harvesting. <i>Sensors and Actuators A: Physical</i> , 2021, 330, 112901.	4.1	4
11	Zero-Level Packaged RF-MEMS Switched Capacitors on Glass Substrates. <i>Journal of Microelectromechanical Systems</i> , 2020, 29, 109-116.	2.5	11
12	Tetragonal tungsten bronze phase thin films in the KNaNbO system: Pulsed laser deposition, structural and dielectric characterizations. <i>Journal of Alloys and Compounds</i> , 2020, 827, 154341.	5.5	7
13	Design and Development of a Tunable Ferroelectric Microwave Surface Mounted Device. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 1733-1737.	3.0	13
14	A Comparative Study on the Effects of Au, ZnO and AZO Seed Layers on the Performance of ZnO Nanowire-Based Piezoelectric Nanogenerators. <i>Materials</i> , 2019, 12, 2511.	2.9	12
15	Effect of the excitation waveform on the average power and peak power delivered by a piezoelectric generator. <i>Mechanical Systems and Signal Processing</i> , 2019, 133, 106278.	8.0	3
16	Deposition Time and Annealing Effects of ZnO Seed Layer on Enhancing Vertical Alignment of Piezoelectric ZnO Nanowires. <i>Chemosensors</i> , 2019, 7, 7.	3.6	21
17	Challenges of low-temperature synthesized ZnO nanostructures and their integration into nano-systems. <i>Materials Science in Semiconductor Processing</i> , 2019, 91, 404-408.	4.0	11
18	Double buffer circuit for the characterization of piezoelectric nanogenerators based on ZnO nanowires. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	21

#	ARTICLE	IF	CITATIONS
19	Organic/Inorganic Hybrid Stretchable Piezoelectric Nanogenerators for Self-Powered Wearable Electronics. <i>Advanced Materials Technologies</i> , 2018, 3, 1700249.	5.8	107
20	Zinc oxide nanowire-parylene nanocomposite based stretchable piezoelectric nanogenerators for self-powered wearable electronics. <i>Journal of Physics: Conference Series</i> , 2018, 1052, 012028.	0.4	6
21	Zero-Level Packaged 5W CW RF-MEMS Switched Capacitors. , 2018, , .		2
22	Diffuse phase transition of BST thin films in the microwave domain. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	10
23	Effect of the incident power on permittivity, losses and tunability of BaSrTiO ₃ thin films in the microwave frequency range. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	13
24	Domain wall motion in Pb(Zr _{0.20} Ti _{0.80})O ₃ epitaxial thin films. <i>Scientific Reports</i> , 2017, 7, 3444.	3.3	17
25	A facile hydrothermal approach for the density tunable growth of ZnO nanowires and their electrical characterizations. <i>Scientific Reports</i> , 2017, 7, 15187.	3.3	59
26	High Q zero level packaged RF-MEMS switched capacitor arrays. , 2016, , .		1
27	Domain wall motions in BST ferroelectric thin films in the microwave frequency range. <i>Applied Physics Letters</i> , 2016, 109, 262902.	3.3	9
28	High Q zero level packaged RF-MEMS switched capacitor arrays. , 2016, , .		1
29	Compact thin-film packaged RF-MEMS switched capacitors. , 2016, , .		7
30	Equivalent circuit of a reconfigurable triple-slot reflectarray cell. <i>IET Microwaves, Antennas and Propagation</i> , 2016, 10, 1080-1086.	1.4	3
31	Decomposition of the different contributions to permittivity, losses, and tunability in BaSrTiO ₃ thin films using the hyperbolic law. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	15
32	Modified approach for high frequency dielectric characterization of thinly metallized soft polymer film using grounded coplanar waveguide. <i>Applied Physics Letters</i> , 2015, 107, 092904.	3.3	2
33	Miniaturized and reconfigurable notch antenna based on a BST ferroelectric thin film. <i>Materials Research Bulletin</i> , 2015, 67, 255-260.	5.2	22
34	Temperature stable BaSrTiO ₃ thin films suitable for microwave applications. <i>Thin Solid Films</i> , 2015, 591, 90-96.	1.8	22
35	Effect of manganese doping of BaSrTiO ₃ on diffusion and domain wall pinning. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	21
36	A simple phase-shifting cell for reflectarray using a slot loaded with a ferroelectric capacitor. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
37	Stacked slot antenna for wireless communication. , 2014, , .		0
38	Filtering slot antenna using coupled line resonator. , 2014, , .		2
39	Filtering slot antenna using coupled line resonator. , 2014, , .		2
40	Realization and characterization of manganese doped BST thin films for reflectarray applications. , 2013, , .		3
41	A new method of dielectric characterization in the microwave range for high-k ferroelectric thin films. , 2013, , .		6
42	Music sequencer with wireless control panel made of LEDs. , 2012, , .		0