Kevin Nadaud

List of Publications by Year
in descending order

42	493	759233 12	713466 21
papers	citations	h-index	g-index

43	43	43	703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organic/Inorganic Hybrid Stretchable Piezoelectric Nanogenerators for Selfâ€Powered Wearable Electronics. Advanced Materials Technologies, 2018, 3, 1700249.	5.8	107
2	A facile hydrothermal approach for the density tunable growth of ZnO nanowires and their electrical characterizations. Scientific Reports, 2017, 7, 15187.	3.3	59
3	Miniaturized and reconfigurable notch antenna based on a BST ferroelectric thin film. Materials Research Bulletin, 2015, 67, 255-260.	5.2	22
4	Temperature stable BaSrTiO3 thin films suitable for microwave applications. Thin Solid Films, 2015, 591, 90-96.	1.8	22
5	Effect of manganese doping of BaSrTiO3 on diffusion and domain wall pinning. Journal of Applied Physics, 2015, 117, .	2.5	21
6	Double buffer circuit for the characterization of piezoelectric nanogenerators based on ZnO nanowires. Applied Physics Letters, 2018, 112, .	3.3	21
7	Deposition Time and Annealing Effects of ZnO Seed Layer on Enhancing Vertical Alignment of Piezoelectric ZnO Nanowires. Chemosensors, 2019, 7, 7.	3.6	21
8	Domain wall motion in Pb(Zr0.20Ti0.80)O3 epitaxial thin films. Scientific Reports, 2017, 7, 3444.	3.3	17
9	Decomposition of the different contributions to permittivity, losses, and tunability in BaSrTiO3 thin films using the hyperbolic law. Journal of Applied Physics, 2016, 119, .	2.5	15
10	Fabrication of Piezoelectric ZnO Nanowires Energy Harvester on Flexible Substrate Coated with Various Seed Layer Structures. Nanomaterials, 2021, 11, 1433.	4.1	15
11	Effect of the incident power on permittivity, losses and tunability of BaSrTiO3 thin films in the microwave frequency range. Applied Physics Letters, 2017, 110, .	3.3	13
12	Design and Development of a Tunable Ferroelectric Microwave Surface Mounted Device. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1733-1737.	3.0	13
13	A Comparative Study on the Effects of Au, ZnO and AZO Seed Layers on the Performance of ZnO Nanowire-Based Piezoelectric Nanogenerators. Materials, 2019, 12, 2511.	2.9	12
14	Challenges of low-temperature synthesized ZnO nanostructures and their integration into nano-systems. Materials Science in Semiconductor Processing, 2019, 91, 404-408.	4.0	11
15	Zero-Level Packaged RF-MEMS Switched Capacitors on Glass Substrates. Journal of Microelectromechanical Systems, 2020, 29, 109-116.	2.5	11
16	Evidence of residual ferroelectric contribution in antiferroelectric lead-zirconate thin films by first-order reversal curves. Applied Physics Letters, 2021, 118, .	3.3	11
17	Diffuse phase transition of BST thin films in the microwave domain. Applied Physics Letters, 2018, 112, .	3.3	10
18	Domain wall motions in BST ferroelectric thin films in the microwave frequency range. Applied Physics Letters, 2016, 109, 262902.	3.3	9

#	Article	IF	Citations
19	Effect of thermal annealing on dielectric and ferroelectric properties of aerosol-deposited 0.65Pb(Mg1/3Nb2/3)O3-0.35PbTiO3 thick films. Applied Physics Letters, 2022, 120, .	3.3	9
20	Compact thin-film packaged RF-MEMS switched capacitors. , 2016, , .		7
21	Tetragonal tungsten bronze phase thin films in the Kâ€“Naâ€“Nbâ€“O system: Pulsed laser deposition, structural and dielectric characterizations. Journal of Alloys and Compounds, 2020, 827, 154341.	5.5	7
22	A new method of dielectric characterization in the microwave range for high-k ferroelectric thin films. , 2013, , .		6
23	Zinc oxide nanowire-parylene nanocomposite based stretchable piezoelectric nanogenerators for self-powered wearable electronics. Journal of Physics: Conference Series, 2018, 1052, 012028.	0.4	6
24	Realâ€Time Capturing of Microscale Events Controlling the Sintering of Leadâ€Free Piezoelectric Potassiumâ€Sodium Niobate. Small, 2022, 18, e2106825.	10.0	6
25	Multifunctional energy storage and piezoelectric properties of 0.65Pb(Mg_{1/3}Nb_{2/3})O₃â€“0.35PbTiO₃ thick films on stainless-steel substrates. JPhys Energy, 2022, 4, 024004.	5.3	6
26	Dielectric, piezoelectric and electrostrictive properties of antiferroelectric lead-zirconate thin films. Journal of Alloys and Compounds, 2022, 914, 165340.	5.5	6
27	Influence of topology and diode characteristics of AC-DC converters for low power piezoelectric energy harvesting. Sensors and Actuators A: Physical, 2021, 330, 112901.	4.1	4
28	Realization and characterization of manganese doped BST thin films for reflectarray applications. , 2013, , .		3
29	Equivalent circuit of a reconfigurable tripleâ€slot reflectarray cell. IET Microwaves, Antennas and Propagation, 2016, 10, 1080-1086.	1.4	3
30	Effect of the excitation waveform on the average power and peak power delivered by a piezoelectric generator. Mechanical Systems and Signal Processing, 2019, 133, 106278.	8.0	3
31	Assessing the electrical activity of individual ZnO nanowires thermally annealed in air. Nanoscale Advances, 2022, 4, 1125-1135.	4.6	3
32	Low-Temperature Hydrothermal Growth of ZnO Nanowires on AZO Substrates for FACsPb(IBr)3 Perovskite Solar Cells. Nanomaterials, 2022, 12, 2093.	4.1	3
33	Filtering slot antenna using coupled line resonator. , 2014, , .		2
34	Filtering slot antenna using coupled line resonator. , 2014, , .		2
35	Modified approach for high frequency dielectric characterization of thinly metallized soft polymer film using grounded coplanar waveguide. Applied Physics Letters, 2015, 107, 092904.	3.3	2
36	Zero-Level Packaged 5W CW RF-MEMS Switched Capacitors. , 2018, , .		2

#	Article	IF	Citations
37	A simple phase-shifting cell for reflectarray using a slot loaded with a ferroelectric capacitor. , 2014, , .		1
38	High Q zero level packaged RF-MEMS switched capacitor arrays. , 2016, , .		1
39	High Q zero level packaged RF-MEMS switched capacitor arrays. , 2016, , .		1
40	Music sequencer with wireless control panel made of LEDs. , 2012, , .		0
41	Stacked slot antenna for wireless communication. , 2014, , .		0
42	Study of a residual ferroelectric contribution in antiferroelectric lead-zirconate thin films. , 2021, , .		0