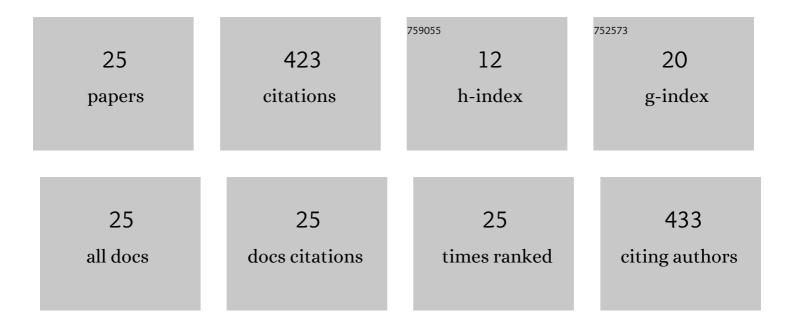
Atul Thakre

List of Publications by Year in descending order

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Δτιίι Τηλκάε

#	Article	IF	CITATIONS
1	Asymmetric resistive switching by anion out-diffusion mechanism in transparent Al/ZnO/ITO heterostructure for memristor applications. Surfaces and Interfaces, 2022, , 101950.	1.5	7
2	Highly Reliable Passive RFID-Based Inductor–Capacitor Sensory System Strengthened by Solvatochromism for Fast and Wide-Range Lactate Detection. IEEE Sensors Journal, 2022, 22, 12228-12236.	2.4	3
3	First principle understanding of antiferroelectric ordering in La-doped silver niobate. Physica B: Condensed Matter, 2022, 640, 414040.	1.3	2
4	Effect of irradiation on pyroelectric and electrocaloric parameters in lead-free relaxor ferroelectric ceramic. Materials Today Communications, 2022, 32, 103924.	0.9	6
5	Enhanced pyroelectric response from domain-engineered lead-free (K0.5Bi0.5TiO3-BaTiO3)-Na0.5Bi0.5TiO3 ferroelectric ceramics. Journal of the European Ceramic Society, 2021, 41, 2524-2532.	2.8	18
6	Increased Energy-Storage Density and Superior Electric Field and Thermally Stable Energy Efficiency of Aerosol-Deposited Relaxor (Pb0.89La0.11)(Zr0.70Ti0.30)O3 Films. Journal of Thermal Spray Technology, 2021, 30, 591-602.	1.6	16
7	Enhancement of Energy-Harvesting Performance of Magneto–Mechano–Electric Generators through Optimization of the Interfacial Layer. ACS Applied Materials & Interfaces, 2021, 13, 19983-19991.	4.0	18
8	High performance of polycrystalline piezoelectric ceramic-based magneto-mechano-electric energy generators. Journal of Asian Ceramic Societies, 2021, 9, 1290-1297.	1.0	8
9	Induced slim ferroelectric hysteresis loops and enhanced energy-storage properties of Mn-doped (PbO·93La0.07)(ZrO·82Ti0.18)O3 anti-ferroelectric thick films by aerosol deposition. Ceramics International, 2021, 47, 31590-31596.	2.3	12
10	Artificially induced normal ferroelectric behaviour in aerosol deposited relaxor 65PMN–35PT thick films by interface engineering. Journal of Materials Chemistry C, 2021, 9, 3403-3411.	2.7	11
11	Enhancement of pyroelectricity in Mn-doped (011) 71Pb(Mg1/3Nb2/3)O3–6PbZrO3–23PbTiO3 single crystals. Applied Physics Letters, 2021, 119, .	1.5	8
12	Enhanced Mechanical Quality Factor of 32 Mode Mn Doped 71Pb(Mg1/3Nb2/3)O3–29PbZrTiO3 Piezoelectric Single Crystals. Electronic Materials Letters, 2020, 16, 156-163.	1.0	15
13	Piezoelectric Thick Film Deposition via Powder/Granule Spray in Vacuum: A Review. Actuators, 2020, 9, 59.	1.2	19
14	Tin titanate—the hunt for a new ferroelectric perovskite. Reports on Progress in Physics, 2019, 82, 092501.	8.1	15
15	Pyroelectric Energy Conversion and Its Applications—Flexible Energy Harvesters and Sensors. Sensors, 2019, 19, 2170.	2.1	86
16	Prospects and challenges of the electrocaloric phenomenon in ferroelectric ceramics. Journal of Materials Chemistry C, 2019, 7, 6836-6859.	2.7	58
17	Dielectric, Ferroelectric, Energy Storage, and Pyroelectric Properties of Mn-Doped (Pb0.93La0.07)(Zr0.82Ti0.18)O3 Anti-Ferroelectric Ceramics. Journal of the Korean Ceramic Society, 2019, 56, 412-420.	1.1	19
18	Unipolar resistive switching in sol-gel synthesized strontium titanate thin films. Vacuum, 2018, 151, 182-184.	1.6	9

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#	Article	IF	CITATIONS
19	Negative-capacitance and bulk photovoltaic phenomena in gallium nitride nanorods network. RSC Advances, 2018, 8, 32794-32798.	1.7	3
20	Unipolar resistive switching in cobalt titanate thin films. Europhysics Letters, 2017, 117, 37003.	0.7	5
21	Bipolar resistive switching in PVDF and Graphene Oxide hetero-structure thin films. Journal of Alloys and Compounds, 2017, 722, 579-584.	2.8	14
22	Unipolar resistive switching behavior in sol–gel synthesized FeSrTiO ₃ thin films. RSC Advances, 2017, 7, 54111-54116.	1.7	6
23	Enhanced bipolar resistive switching behavior in polar Cr-doped barium titanate thin films without electro-forming process. AIP Advances, 2017, 7, .	0.6	8
24	Electroforming free high resistance resistive switching of graphene oxide modified polar-PVDF. RSC Advances, 2015, 5, 57406-57413.	1.7	30
25	Light assisted irreversible resistive switching in ultra thin hafnium oxide. RSC Advances, 2015, 5, 35046-35051.	1.7	27