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List of Publications by Year in descending order

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18
papers

254
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1039880

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18
all docs

18
docs citations

18
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet printing of uniform dielectric oxide structures from sol-gel inks by adjusting the solvent composition. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5634-5641.	2.7	48
2	Toward Thick Piezoelectric HfO ₂ -Based Films. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 1900626.	1.2	41
3	Tailoring Ink-Substrate Interactions via Thin Polymeric Layers for High-Resolution Printing. <i>Langmuir</i> , 2017, 33, 11893-11900.	1.6	23
4	Direct Patterning of Piezoelectric Thin Films by Inkjet Printing. <i>Advanced Materials Technologies</i> , 2019, 4, 1800168.	3.0	23
5	Inkjet printing of functional oxide nanostructures from solution-based inks. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 87, 1-21.	1.1	21
6	Inkjet printing of metal-oxide-based transparent thin-film capacitors. <i>Journal of Applied Physics</i> , 2017, 122, 214102.	1.1	13
7	Self-assembled porous ferroelectric thin films with a greatly enhanced piezoelectric response. <i>Applied Materials Today</i> , 2019, 16, 83-89.	2.3	13
8	Stabilization of the perovskite phase in PMN-PT epitaxial thin films via increased interface roughness. <i>Applied Surface Science</i> , 2020, 513, 145787.	3.1	13
9	Additive Manufacturing of Ferroelectric-Oxide Thin-Film Multilayer Devices. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 45155-45160.	4.0	11
10	Enhanced electrical properties and large electrocaloric effect in lead-free Ba _{0.8} Ca _{0.2} Zr _x Ti _{1-x} O ₃ (x=0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0) thin films. <i>Journal of Applied Physics</i> , 2020, 128, 044102.	1.1	10
11	The effect of calcium zirconate modifications on the microstructure and functional properties of sodium niobate thin films prepared by chemical solution deposition. <i>Journal of the European Ceramic Society</i> , 2019, 39, 2325-2330.	2.8	9
12	Enhanced electrical response in ferroelectric thin film capacitors with inkjet-printed LaNiO ₃ electrodes. <i>Applied Physics Letters</i> , 2018, 113, 012904.	1.5	8
13	From coffee stains to uniform deposits: Significance of the contact-line mobility. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1718-1727.	5.0	7
14	Multifunctional Cantilevers as Working Elements in Solid-State Cooling Devices. <i>Actuators</i> , 2021, 10, 58.	1.2	6
15	Screen Printed Copper and Tantalum Modified Potassium Sodium Niobate Thick Films on Platinized Alumina Substrates. <i>Materials</i> , 2021, 14, 7137.	1.3	3
16	Inkjet printing of thin metal-oxide structures from sol-gel precursor inks. , 2016, , .		2
17	Dielectric dynamics of the polycrystalline Ba _{0.5} Sr _{0.5} TiO ₃ thin films. <i>Europhysics Letters</i> , 2016, 114, 47009.	0.7	2
18	Nanostructured multiferroic Pb(Zr,Ti)O ₃ -NiFe ₂ O ₄ thin-film composites. <i>Thin Solid Films</i> , 2021, 732, 138740.	0.8	1