Trygve Magnus RÃ¦der

List of Publications by Year
in descending order

10 papers	126 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	290 citing authors

#	Article	IF	Citations
1	Structural Disorder and Coherence across the Phase Transitions of Lead-Free Piezoelectric Bi_{0.5}K_{0.5}TiO₃. Chemistry of Materials, 2018, 30, 2631-2640.	6.7	24
2	Enhanced in-plane ferroelectricity in BaTiO3 thin films fabricated by aqueous chemical solution deposition. AIP Advances, 2018, 8, 105228.	1.3	20
3	Characterization methodology for lead zirconate titanate thin films with interdigitated electrode structures. Journal of Applied Physics, 2017, 121, .	2.5	17
4	Application of a long short-term memory for deconvoluting conductance contributions at charged ferroelectric domain walls. Npj Computational Materials, 2020, 6, .	8.7	15
5	Probing-models for interdigitated electrode systems with ferroelectric thin films. Journal Physics D: Applied Physics, 2018, 51, 175303.	2.8	14
6	Controlling Phase Purity and Texture of K0.5Na0.5NbO3 Thin Films by Aqueous Chemical Solution Deposition. Materials, 2019, 12, 2042.	2.9	13
7	Anisotropic in-plane dielectric and ferroelectric properties of tensile-strained BaTiO3 films with three different crystallographic orientations. AIP Advances, 2021, 11, 025016.	1.3	10
8	Epitaxial (100), (110), and (111) BaTiO3 films on SrTiO3 substratesâ€”A transmission electron microscopy study. Journal of Applied Physics, 2021, 129, .	2.5	5
9	X-ray free-electron laser based dark-field X-ray microscopy: a simulation-based study. Journal of Applied Crystallography, 2022, 55, 112-121.	4.5	5
10	A unified approach for the calculation of in-plane dielectric constant of films with interdigitated electrodes. Smart Materials and Structures, 2020, 29, 115039.	3.5	3