

Krishna Nittala

List of Publications by Year in descending order

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9
papers

245
citations

1307594

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1474206

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docs citations

9
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Spontaneous Polarization in the Negative Thermal Expansion of Tetragonal PbTiO ₃ -Based Compounds. Journal of the American Chemical Society, 2011, 133, 11114-11117.	13.7	148
2	Phase and texture evolution in solution deposited lead zirconate titanate thin films: Formation and role of the Pt3Pb intermetallic phase. Journal of Applied Physics, 2013, 113, .	2.5	20
3	Structural evidence for the nonmonotonic trend of TC in tetragonal PbTiO ₃ -BiScO ₃ solid solutions. Applied Physics Letters, 2010, 96, .	3.3	19
4	Structure and Piezoelectric Properties Near the Bismuth Scandium Oxide-“Lead Zirconate”-Lead Titanate Ternary Morphotropic Phase Boundary. Journal of the American Ceramic Society, 2011, 94, 788-795.	3.8	15
5	<i>In situ</i> x-ray diffraction of solution-derived ferroelectric thin films for quantitative phase and texture evolution measurement. Journal of Applied Physics, 2012, 112, .	2.5	14
6	Phase and Texture Evolution in Chemically Derived PZT Thin Films on Pt Substrates. Journal of the American Ceramic Society, 2014, 97, 2973-2979.	3.8	8
7	Phase evolution in solution deposited Pb-deficient PLZT thin films. Journal of Materials Science, 2011, 46, 2148-2154.	3.7	7
8	Effect of Switching Atmospheric Conditions during Crystallization on the Phase Evolution of Solution-Derived Lead Zirconate Titanate Thin Films. Journal of the American Ceramic Society, 2013, 96, 2706-2709.	3.8	7
9	Role of the PbTiO ₃ Seed Layer on the Crystallization Behavior of PZT Thin Films. Journal of the American Ceramic Society, 2015, 98, 1407-1412.	3.8	7