

Sondes Bauer

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

126
citations

1478505

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h-index

1372567

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g-index

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docs citations

10
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave synthesis of high-quality and uniform 4 nm ZnFe ₂ O ₄ nanocrystals for application in energy storage and nanomagnetism. Beilstein Journal of Nanotechnology, 2016, 7, 1350-1360.	2.8	32
2	In operando study of the high voltage spinel cathode material LiNi _{0.5} Mn _{1.5} O ₄ using two dimensional full-field spectroscopic imaging of Ni and Mn. Physical Chemistry Chemical Physics, 2015, 17, 16388-16397.	2.8	25
3	Effect of post-annealing on the chemical state and crystalline structure of PLD Ba _{0.5} Sr _{0.5} TiO ₃ films analyzed by combined synchrotron X-ray diffraction and X-ray photoelectron spectroscopy. Ceramics International, 2018, 44, 16017-16024.	4.8	21
4	The power of <i>in situ</i> pulsed laser deposition synchrotron characterization for the detection of domain formation during growth of Ba _{0.5} Sr _{0.5} TiO ₃ on MgO. Journal of Synchrotron Radiation, 2014, 21, 386-394.	2.4	19
5	Real time <i>in situ</i> x-ray diffraction study of the crystalline structure modification of Ba _{0.5} Sr _{0.5} TiO ₃ during the post-annealing. Scientific Reports, 2018, 8, 11969.	3.3	9
6	Three-dimensional reciprocal space mapping with a two-dimensional detector as a low-latency tool for investigating the influence of growth parameters on defects in semipolar GaN. Journal of Applied Crystallography, 2015, 48, 1000-1010.	4.5	8
7	Structure Quality of LuFeO ₃ Epitaxial Layers Grown by Pulsed-Laser Deposition on Sapphire/Pt. Materials, 2020, 13, 61.	2.9	5
8	Time-Resolved Morphology and Kinetic Studies of Pulsed Laser Deposition-Grown Pt Layers on Sapphire at Different Growth Temperatures by <i>in Situ</i> Grazing Incidence Small-Angle X-ray Scattering. Langmuir, 2021, 37, 734-749.	3.5	3
9	Combined <i>In Situ</i> XRD and <i>Ex Situ</i> TEM Studies of Thin Ba _{0.5} Sr _{0.5} TiO ₃ Films Grown by PLD on MgO. Crystal Research and Technology, 2020, 55, 1900235.	1.3	2
10	Effect of pulse laser frequency on PLD growth of LuFeO ₃ explained by kinetic simulations of <i>in situ</i> diffracted intensities. Scientific Reports, 2022, 12, 5647.	3.3	2