

Alok K Jha

List of Publications by Year in descending order

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9
papers

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1307594

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1588992

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9
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179
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfaces in REBCO-Based Nanocomposite Thin Films and their Contribution to Vortex Pinning. , 2021, , 205-221.		2
2	Flux pinning characteristics of YBCO: NaNbO ₃ by introducing artificial pinning centers with different morphology. Ceramics International, 2021, 47, 34189-34198.	4.8	4
3	Superconductive REBCO Thin Films and Their Nanocomposites: The Role of Rare-Earth Oxides in Promoting Sustainable Energy. Frontiers in Physics, 2019, 7, .	2.1	40
4	Isotropic enhancement in the critical current density of YBCO thin films incorporating nanoscale Y ₂ BaCuO ₅ inclusions. Journal of Applied Physics, 2017, 122, .	2.5	25
5	Tailoring the vortex pinning strength of YBCO thin films by systematic incorporation of hybrid artificial pinning centers. Superconductor Science and Technology, 2015, 28, 114004.	3.5	21
6	Enhanced flux pinning in pulsed laser deposited Y Ba ₂ Cu ₃ O _{7-δ} : BaTiO ₃ nanocomposite thin films. Solid State Communications, 2011, 151, 1447-1451.	1.9	16
7	Interface engineering using ferromagnetic nanoparticles for enhancing pinning in YBa ₂ Cu ₃ O _{7-δ} thin film. Journal of Applied Physics, 2011, 110, .	2.5	13
8	Investigation of flux pinning properties of YBCO:BaZrO ₃ composite superconductor from temperature dependent magnetization studies. Journal of Magnetism and Magnetic Materials, 2010, 322, 2653-2657.	2.3	19
9	Strongly enhanced pinning force density in YBCO/BaTiO ₃ nanocomposite superconductor. Physica C: Superconductivity and Its Applications, 2009, 469, 810-813.	1.2	40