

Meirzhan Dosmailov

List of Publications by Year in descending order

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6
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1684188

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1872680

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ultradense Tailored Vortex Pinning Arrays in Superconducting YBa ₂ Cu ₃ O _{7-δ} Thin Films Created by Focused He Ion Beam Irradiation for Fluxonics Applications. ACS Applied Nano Materials, 2019, 2, 5108-5115.	5.0	21
2	Strong vortex matching effects in YBCO films with periodic modulations of the superconducting order parameter fabricated by masked ion irradiation. Physica C: Superconductivity and Its Applications, 2014, 503, 75-81.	1.2	17
3	Transverse vortex commensurability effect and sign change of the Hall voltage in superconducting YBa ₂ Cu ₃ O _{7-δ} thin films. Physical Review B, 2018, 98, .	3.2	16
4	Hystêretic Vortex-Matching Effects in High-T _c Superconductors with Nanoscale Periodic Pinning Landscapes Fabricated by He Ion-Beam Projection. Physical Review Applied, 2017, 8, .	3.8	13
5	Angular magnetic-field dependence of vortex matching in pinning lattices fabricated by focused or masked helium ion beam irradiation of superconducting YBa ₂ Cu ₃ O _{7-δ} thin films. Low Temperature Physics, 2020, 46, 331-337.	0.6	7
6	Unconventional critical state in YBa ₂ Cu ₃ O _{7-δ} thin films with a vortex-pin lattice fabricated by masked He ⁺ ion beam irradiation. Superconductor Science and Technology, 2018, 31, 044002.	3.5	4