

Meirzhan Dosmailov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Angular magnetic-field dependence of vortex matching in pinning lattices fabricated by focused or masked helium ion beam irradiation of superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films. <i>Low Temperature Physics</i> , 2020, 46, 331-337.	0.6	7
2	Ultradense Tailored Vortex Pinning Arrays in Superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Thin Films Created by Focused He Ion Beam Irradiation for Fluxonics Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 5108-5115.	5.0	21
3	Unconventional critical state in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films with a vortex-pin lattice fabricated by masked He ⁺ ion beam irradiation. <i>Superconductor Science and Technology</i> , 2018, 31, 044002.	3.5	4
4	Transverse vortex commensurability effect and sign change of the Hall voltage in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review B</i> , 2018, 98, .	3.2	16
5	Hysteresis vortex matching effects in high- T_c superconductors with nanoscale periodic pinning landscapes fabricated by He ion-beam projection. <i>Physical Review Applied</i> , 2017, 8, .	3.8	13
6	Strong vortex matching effects in YBCO films with periodic modulations of the superconducting order parameter fabricated by masked ion irradiation. <i>Physica C: Superconductivity and Its Applications</i> , 2014, 503, 75-81.	1.2	17