

A L Kasatkin

List of Publications by Year in descending order

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papers

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1684188

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docs citations

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45
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and flux flow in thin YBa ₂ Cu ₃ O ₇ films. Superconductor Science and Technology, 1992, 5, S48-S54.	3.5	19
2	Microwave impedance of YBa ₂ Cu ₃ O ₇ high-temperature superconductor films in a magnetic field. Low Temperature Physics, 2005, 31, 254-262.	0.6	18
3	Nanotechnology as a way to overcome the rapid J _c fall with HTS film thickness. Journal of Physics: Conference Series, 2010, 234, 012041.	0.4	9
4	Microwave Response of Perfect YBa ₂ Cu ₃ O ₇ Thin Films Deposited on CeO ₂ -Buffered Sapphire: A Probe for Pairing Symmetry. Journal of Superconductivity and Novel Magnetism, 2007, 20, 59-69.	1.8	7
5	Surface impedance of a thin superconducting film in a parallel magnetic field. Low Temperature Physics, 2001, 27, 333-338.	0.6	6
6	Vortex Escape from Columnar Defect in a Current-Loaded Superconductor. Journal of Low Temperature Physics, 2018, 192, 359-374.	1.4	6
7	Dynamic mixed state of high T _c epitaxial thin films. Superconductor Science and Technology, 1991, 4, S94-S96.	3.5	5
8	HTSC cuprate films doped with nanoparticles and their electrodynamics, determined by Abrikosov vortices. Low Temperature Physics, 2010, 36, 59-70.	0.6	5
9	Abrikosov Vortices Behavior in Different Pinning Potential for Moderately Anisotropic High-T _c Superconductors. , 1997, , 3-25.		4
10	Study of the equation for the Abrikosov vortex pinning on a linear defect in a superconducting wafer. Mathematical Models and Computer Simulations, 2014, 6, 408-414.	0.5	3
11	Critical depinning current of elastic vortex strings in superconductors with extended linear defects. Physics of Metals and Metallography, 2016, 117, 864-869.	1.0	3
12	Microwave Response of Nanostructured High-T _c Superconductor Thin Films. Ukrainian Journal of Physics, 2019, 64, 969.	0.2	2
13	Dynamics of the Mixed State in YBa ₂ Cu ₃ O ₇ Epitaxial Films. Research Reports in Physics, 1992, , 150-160.	0.0	1
14	Josephson properties of transparent tunnel junctions. Low Temperature Physics, 2000, 26, 796-798.	0.6	0
15	The effect of a pulse magnetic field on the microwave properties of a YBCO thin film strip-line resonator. Superconductor Science and Technology, 2008, 21, 035007.	3.5	0
16	Misorientation angle dependence of the critical current in HTS bicrystals with low-angle [001]-tilt grain boundaries. Low Temperature Physics, 2020, 46, 338-342.	0.6	0