

# A L Kasatkin

## List of Publications by Year in descending order

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16  
papers

88  
citations

1684188

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h-index

1474206

9  
g-index

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all docs

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docs citations

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times ranked

45  
citing authors

#	ARTICLE	IF	CITATIONS
1	Misorientation angle dependence of the critical current in HTS bicrystals with low-angle [001]-tilt grain boundaries. <i>Low Temperature Physics</i> , 2020, 46, 338-342.	0.6	0
2	Microwave Response of Nanostructured High-Tc Superconductor Thin Films. <i>Ukrainian Journal of Physics</i> , 2019, 64, 969.	0.2	2
3	Vortex Escape from Columnar Defect in a Current-Loaded Superconductor. <i>Journal of Low Temperature Physics</i> , 2018, 192, 359-374.	1.4	6
4	Critical depinning current of elastic vortex strings in superconductors with extended linear defects. <i>Physics of Metals and Metallography</i> , 2016, 117, 864-869.	1.0	3
5	Study of the equation for the Abrikosov vortex pinning on a linear defect in a superconducting wafer. <i>Mathematical Models and Computer Simulations</i> , 2014, 6, 408-414.	0.5	3
6	HTSC cuprate films doped with nanoparticles and their electrodynamics, determined by Abrikosov vortices. <i>Low Temperature Physics</i> , 2010, 36, 59-70.	0.6	5
7	Nanotechnology as a way to overcome the rapid $J_c$ fall with HTS film thickness. <i>Journal of Physics: Conference Series</i> , 2010, 234, 012041.	0.4	9
8	The effect of a pulse magnetic field on the microwave properties of a YBCO thin film strip-line resonator. <i>Superconductor Science and Technology</i> , 2008, 21, 035007.	3.5	0
9	Microwave Response of Perfect $YBa_2Cu_3O_{7-x}$ Thin Films Deposited on $CeO_2$ -Buffered Sapphire: A Probe for Pairing Symmetry. <i>Journal of Superconductivity and Novel Magnetism</i> , 2007, 20, 59-69.	1.8	7
10	Microwave impedance of $YBa_2Cu_3O_{7-x}$ high-temperature superconductor films in a magnetic field. <i>Low Temperature Physics</i> , 2005, 31, 254-262.	0.6	18
11	Surface impedance of a thin superconducting film in a parallel magnetic field. <i>Low Temperature Physics</i> , 2001, 27, 333-338.	0.6	6
12	Josephson properties of transparent tunnel junctions. <i>Low Temperature Physics</i> , 2000, 26, 796-798.	0.6	0
13	Abrikosov Vortices Behavior in Different Pinning Potential for Moderately Anisotropic High-Tc Superconductors. , 1997, , 3-25.		4
14	Structure and flux flow in thin $YBa_2Cu_3O_7$ films. <i>Superconductor Science and Technology</i> , 1992, 5, S48-S54.	3.5	19
15	Dynamics of the Mixed State in $YBa_2Cu_3O_7$ Epitaxial Films. <i>Research Reports in Physics</i> , 1992, , 150-160.	0.0	1
16	Dynamic mixed state of high Tc epitaxial thin films. <i>Superconductor Science and Technology</i> , 1991, 4, S94-S96.	3.5	5