

Valentin Koverya

List of Publications by Year in descending order

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papers

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citations

1684188

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docs citations

23
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citing authors

#	ARTICLE	IF	CITATIONS
1	High-temperature superconductors of the family $(RE)Ba_2Cu_3O_{7-x}$ and their application (Review Article). Low Temperature Physics, 2017, 43, 1125-1151.	0.6	29
2	Microstructural and transport properties of superconducting $FeTe_{0.65}Se_{0.35}$ crystals. Superconductor Science and Technology, 2017, 30, 015018.	3.5	13
3	Freezing and quantization of current passing through a doubly connected superconductor with a point contact. Low Temperature Physics, 2010, 36, 605-610.	0.6	9
4	Measurement of energy gaps in superconductors by means of quantum interference devices. Low Temperature Physics, 2015, 41, 179-185.	0.6	6
5	Study of locally frozen magnetic field in a high- T_c superconducting ceramic. Low Temperature Physics, 2006, 32, 628-632.	0.6	5
6	Anisotropy of the magnetic properties of the $FeTe_{0.65}Se_{0.35}$ superconductor. Low Temperature Physics, 2015, 41, 897-900.	0.6	5
7	Detection of self-oscillations of the transport current in a doubly connected superconductor. Low Temperature Physics, 2010, 36, 159-161.	0.6	4
8	Current states of a doubly connected superconductor with two point contacts. Low Temperature Physics, 2012, 38, 35-40.	0.6	4
9	The effect of sorption of air and hydrogen components on the structural characteristics of superconducting $FeTe_{0.65}Se_{0.35}$ single crystals. Low Temperature Physics, 2020, 46, 181-186.	0.6	3
10	The displacement and annihilation of macroscopic regions with hypervortices in ceramic $YBa_2Cu_3O_{7-x}$. Low Temperature Physics, 2010, 36, 110-114.	0.6	2
11	Quantization of diamagnetic current in a superconducting ring with the Josephson point contact. Low Temperature Physics, 2012, 38, 341-344.	0.6	2
12	Superconductivity in the Institute for Low Temperature Physics and Engineering of the National Academy of Sciences of Ukraine. International Journal of Modern Physics B, 2015, 29, 1542013.	2.0	2
13	Locally frozen magnetic field in HTSC ceramics. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 1130-1135.	0.6	1
14	Dynamics of trapped magnetic flux in superconducting $FeTe_{0.65}Se_{0.35}$. Low Temperature Physics, 2017, 43, 1181-1184.	0.6	1
15	Thin film superconducting quantum interferometer with ultralow inductance. Low Temperature Physics, 2018, 44, 184-188.	0.6	1
16	The discretization of a current and a magnetic field by a superconducting structure with an asymmetric quantum interferometer. Low Temperature Physics, 2019, 45, 914-922.	0.6	1
17	Features of amplification of dipole magnetic field with linear ferromagnetic concentrator. Review of Scientific Instruments, 2006, 77, 094701.	1.3	0
18	The critical state of a superconducting ring caused by a current. Journal of Physics: Conference Series, 2012, 400, 022009.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Current states of a doubly connected superconductor with film bridges. Low Temperature Physics, 2013, 39, 1032-1036.	0.6	0
20	Interference method of definition of energy gap and relaxation time of superconducting state. , 2016, , .		0
21	The effect of alternating current on the current states of a quantum interferometer shunted by a superconducting inductance. Low Temperature Physics, 2018, 44, 1139-1144.	0.6	0
22	Transport and magnetic properties of a superconducting closed loop containing a thin-film quantum interferometer. Low Temperature Physics, 2020, 46, 425-430.	0.6	0
23	The Impact of Hydrogenation on Structural and Superconducting Properties of FeTe _{0.65} Se _{0.35} Single Crystals. Materials, 2021, 14, 7900.	2.9	0