

# Valentin Koverya

## List of Publications by Year in descending order

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23  
papers

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citations

1684188

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h-index

1474206

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23  
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23  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	The Impact of Hydrogenation on Structural and Superconducting Properties of FeTe <sub>0.65</sub> Se <sub>0.35</sub> Single Crystals. <i>Materials</i> , 2021, 14, 7900.	2.9	0
2	The effect of sorption of air and hydrogen components on the structural characteristics of superconducting FeTe <sub>0.65</sub> Se <sub>0.35</sub> single crystals. <i>Low Temperature Physics</i> , 2020, 46, 181-186.	0.6	3
3	Transport and magnetic properties of a superconducting closed loop containing a thin-film quantum interferometer. <i>Low Temperature Physics</i> , 2020, 46, 425-430.	0.6	0
4	The discretization of a current and a magnetic field by a superconducting structure with an asymmetric quantum interferometer. <i>Low Temperature Physics</i> , 2019, 45, 914-922.	0.6	1
5	Thin film superconducting quantum interferometer with ultralow inductance. <i>Low Temperature Physics</i> , 2018, 44, 184-188.	0.6	1
6	The effect of alternating current on the current states of a quantum interferometer shunted by a superconducting inductance. <i>Low Temperature Physics</i> , 2018, 44, 1139-1144.	0.6	0
7	Microstructural and transport properties of superconducting FeTe <sub>0.65</sub> Se <sub>0.35</sub> crystals. <i>Superconductor Science and Technology</i> , 2017, 30, 015018.	3.5	13
8	High-temperature superconductors of the family (RE)Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> and their application (Review Article). <i>Low Temperature Physics</i> , 2017, 43, 1125-1151.	0.6	29
9	Dynamics of trapped magnetic flux in superconducting FeTe <sub>0.65</sub> Se <sub>0.35</sub> . <i>Low Temperature Physics</i> , 2017, 43, 1181-1184.	0.6	1
10	Interference method of definition of energy gap and relaxation time of superconducting state. , 2016, , .		0
11	Anisotropy of the magnetic properties of the FeTe <sub>0.65</sub> Se <sub>0.35</sub> superconductor. <i>Low Temperature Physics</i> , 2015, 41, 897-900.	0.6	5
12	Superconductivity in the Institute for Low Temperature Physics and Engineering of the National Academy of Sciences of Ukraine. <i>International Journal of Modern Physics B</i> , 2015, 29, 1542013.	2.0	2
13	Measurement of energy gaps in superconductors by means of quantum interference devices. <i>Low Temperature Physics</i> , 2015, 41, 179-185.	0.6	6
14	Current states of a doubly connected superconductor with film bridges. <i>Low Temperature Physics</i> , 2013, 39, 1032-1036.	0.6	0
15	Quantization of diamagnetic current in a superconducting ring with the Josephson point contact. <i>Low Temperature Physics</i> , 2012, 38, 341-344.	0.6	2
16	Current states of a doubly connected superconductor with two point contacts. <i>Low Temperature Physics</i> , 2012, 38, 35-40.	0.6	4
17	The critical state of a superconducting ring caused by a current. <i>Journal of Physics: Conference Series</i> , 2012, 400, 022009.	0.4	0
18	Detection of self-oscillations of the transport current in a doubly connected superconductor. <i>Low Temperature Physics</i> , 2010, 36, 159-161.	0.6	4

#	ARTICLE	IF	CITATIONS
19	The displacement and annihilation of macroscopic regions with hypervortices in ceramic $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Low Temperature Physics</i> , 2010, 36, 110-114.	0.6	2
20	Freezing and quantization of current passing through a doubly connected superconductor with a point contact. <i>Low Temperature Physics</i> , 2010, 36, 605-610.	0.6	9
21	Locally frozen magnetic field in HTSC ceramics. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2007, 71, 1130-1135.	0.6	1
22	Study of locally frozen magnetic field in a high-Tc superconducting ceramic. <i>Low Temperature Physics</i> , 2006, 32, 628-632.	0.6	5
23	Features of amplification of dipole magnetic field with linear ferromagnetic concentrator. <i>Review of Scientific Instruments</i> , 2006, 77, 094701.	1.3	0