

Nikolay R Vovk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1771687/publications.pdf>

Version: 2024-02-01

17
papers

197
citations

1478505

6
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-wave eigenmodes in direct-write 3D nanovolcanoes. Applied Physics Letters, 2021, 118, .	3.3	25
2	Influence of Uniform Compression on the Temperature Dependence of the Pseudogap of Medium-Praseodymium-Doped $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ Single Crystals. Journal of Low Temperature Physics, 2021, 203, 430-436.	1.4	3
3	Control of Structural and Magnetic Properties of Polycrystalline Co_2FeGe Films via Deposition and Annealing Temperatures. Nanomaterials, 2021, 11, 1229.	4.1	5
4	Spin-wave spectroscopy of individual ferromagnetic nanodisks. Nanoscale, 2020, 12, 21207-21217.	5.6	24
5	The effect of the chaotic pinning potential on intrinsic pinning in $YBa_2Cu_3O_{7-\delta}$ single crystals. Low Temperature Physics, 2020, 46, 1063-1069.	0.6	0
6	Effect of high pressure on various diffusion mechanisms in oxygen-deficient $ReBa_2Cu_3O_{7-x}$ ($Re = Y$), Tj ETQq0 0 Q rgBT /Overlock 10 T	1.9	4
7	Effect of electron irradiation on the transverse conductivity of the $YBa_2Cu_3O_{7-\delta}$ single crystal. Low Temperature Physics, 2019, 45, 135-138.	0.6	6
8	Suppression of vortex lattice melting in YBCO via irradiation with fast electrons. Journal of Materials Science: Materials in Electronics, 2019, 30, 6688-6692.	2.2	2
9	Quenching and room-temperature annealing effects on the conductivity of underdoped $HoBa_2Cu_3O_{7-\delta}$. Modern Physics Letters B, 2018, 32, 1750367.	1.9	4
10	The possibility of determining the spin-orbit interaction constants using scanning tunneling microscopy. Low Temperature Physics, 2016, 42, 298-307.	0.6	1
11	Conductivity of single-crystal $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ over a wide range of temperatures and Pr concentrations. Low Temperature Physics, 2014, 40, 488-491.	0.6	16
12	Evolution of the electrical resistance of $YBa_2Cu_3O_{7-\delta}$ single crystals in the course of long-term aging. Journal of Materials Science: Materials in Electronics, 2014, 25, 5226-5230.	2.2	38
13	Effect of Long Aging on the Resistivity Properties of Aluminum Doped $YBa_2Cu_3Al_yO_{7-\delta}$ Single Crystals with a Given Twin Boundary Topology. Journal of Low Temperature Physics, 2014, 174, 214-221.	1.4	1
14	Evolution of the metal-insulator transition in oxygen nonstoichiometric $YBa_2Cu_3O_{7-\delta}$ single crystals under pressure. Journal of Materials Science: Materials in Electronics, 2013, 24, 3132-3135.	2.2	0
15	COEXISTENCE OF DIFFERENT TYPES OF TRANSVERSE CONDUCTIVITY IN $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ SINGLE CRYSTALS WITH DIFFERENT PRASEODYMIUM CONCENTRATIONS. Modern Physics Letters B, 2013, 27, 1350198.	1.9	2
16	Electrical resistance relaxation induced by high pressure in single crystals of $YBa_2Cu_3O_{7-\delta}$. Low Temperature Physics, 2013, 39, 530-533.	0.6	1
17	c -axis hopping conductivity in heavily Pr-doped YBCO single crystals. Superconductor Science and Technology, 2013, 26, 085017.	3.5	69