

Eugeniy Beliayev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/952806/publications.pdf>

Version: 2024-02-01

37
papers

221
citations

1040056

9
h-index

1058476

14
g-index

44
all docs

44
docs citations

44
times ranked

196
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport and magnetotransport properties of cold-pressed CrO ₂ powder, prepared by hydrothermal synthesis. <i>Journal of Alloys and Compounds</i> , 2009, 479, 11-16.	5.5	42
2	Influence of magnetic field on the paramagnetic-ferromagnetic transition in a La _{1-x} CaxMnO ₃ (x ≈ 0.25) crystal: Ultrasonic and transport studies. <i>Physical Review B</i> , 2006, 74, .	3.2	26
3	Giant magnetic-field changes in radio-frequency absorption in La _{0.67} Sr _{0.33} MnO ₃ near the Curie temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 281, 97-104.	2.3	17
4	Electron relaxation in disordered gold films. <i>Physical Review B</i> , 1998, 58, 8079-8086.	3.2	15
5	Temperature variation of the time of inelastic electron relaxation in disordered bismuth films. <i>Physical Review B</i> , 1994, 50, 15298-15303.	3.2	13
6	Resistive and magnetoresistive properties of compacted CrO ₂ powders with different types of intergranular dielectric layers. <i>Low Temperature Physics</i> , 2012, 38, 1121-1128.	0.6	13
7	Granular superconductivity in polycrystalline ruthenocuprate RuSr ₂ (Gd _{1.5} Ce _{0.5})Cu ₂ O ₁₀ : magnetoresistive and magnetization studies. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 036222.	1.8	12
8	Transition from strong to weak electron localization in a percolating gold film under the influence of an electric field. <i>Low Temperature Physics</i> , 1997, 23, 724-732.	0.6	11
9	Structural inhomogeneity effects in resistive superconducting transitions of the magnetic superconductor RuSr ₂ (Gd _{1.5} Ce _{0.5})Cu ₂ O ₁₀ . <i>Journal of Physics: Conference Series</i> , 2006, 51, 283-286.	0.4	9
10	Tunnel magnetoresistance of compacted CrO ₂ powders with particle shape anisotropy. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 789-793.	0.6	8
11	Low-temperature nonlinear effects in the conductivity of lightly doped cuprates La _{2-x} Sr _x CuO ₄ in antiferromagnetic state. <i>Low Temperature Physics</i> , 2014, 40, 397-407.	0.6	7
12	Percolation effects in the conductivity and magnetoresistance of compacted chromium dioxide powder. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010, 74, 1062-1065.	0.6	5
13	Magnetotransport properties of CrO ₂ powder composites (Review article). <i>Low Temperature Physics</i> , 2021, 47, 355-377.	0.6	5
14	Magnetoresistive study of the antiferromagnetic-weak ferromagnetic transition in single-crystal La ₂ CuO ₄ . <i>Low Temperature Physics</i> , 2004, 30, 411-416.	0.6	4
15	Hysteresis and stepwise structure in MR curves of granular superconducting ruthenocuprates RuSr ₂ (Gd _{1.5} Ce _{0.5})Cu ₂ O ₁₀ . <i>Physica C: Superconductivity and Its Applications</i> , 2012, 483, 186-194.	1.2	4
16	Tunneling anisotropic magnetoresistance of pressed nanopowders of chromium dioxide. <i>Low Temperature Physics</i> , 2018, 44, 1180-1188.	0.6	4
17	Resistive properties of La _{2-x} Sr _x CuO ₄ low-doped cuprates in the antiferromagnetic state at low temperatures. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2012, 76, 1139-1142.	0.6	3
18	Low-temperature spin relaxation in compacted powders of CrO ₂ solid solutions with iron impurities. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016, 80, 664-667.	0.6	3

#	ARTICLE	IF	CITATIONS
19	Features of low-temperature tunneling magnetoresistance of pressed chromium dioxide CrO ₂ nanopowders. Low Temperature Physics, 2017, 43, 617-624.	0.6	3
20	Low-temperature magnetoresistance of multi-walled carbon nanotubes with perfect structure. Low Temperature Physics, 2022, 48, 89-98.	0.6	3
21	Effect of magnetic (phase) inhomogeneities on the conductivity of an antiferromagnetic La ₂ CuO ₄ + δ single crystal at low temperatures. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 1149-1152.	0.6	2
22	Mixed 1D-2D quantum electron transport in percolating gold film. Low Temperature Physics, 2011, 37, 318-325.	0.6	2
23	Anomaly in the Temperature Dependence of the Coercive Force of an Ensemble of Ferromagnetic CrO ₂ Nanoparticles under Conditions of Percolation Conductivity. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 778-780.	0.6	2
24	COERCIVE FORCE IN THE SYSTEM OF FERROMAGNETIC GRANULES FOR HALF METAL CrO ₂ WITH PERCOLATION CONDUCTIVITY. East European Journal of Physics, 2017, , .	0.8	2
25	Dressed behavior of the quasiparticles lifetime in the unitary limit of two unconventional superconductors. Low Temperature Physics, 2022, 48, 187-192.	0.6	2
26	Anomalies of conductivity behavior near the paramagnetic-antiferromagnetic transition in single-crystals. Physica B: Condensed Matter, 2010, 405, 1307-1311.	2.7	1
27	1D AND 2D QUANTUM INTERFERENCE EFFECTS IN ELECTRON TRANSPORT IN Au FILM. International Journal of Modern Physics B, 2013, 27, 1350026.	2.0	1
28	Magnetic anisotropy and anisotropic tunneling magnetoresistance of compacted half-metal CrO ₂ nanopowders. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 278-281.	0.6	1
29	Effect of Composition Disorder in a System of Superconducting Granules on the Superconducting Properties of La _{2-x} Sr _x CuO ₄ Ceramic Samples. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 811-814.	0.6	1
30	Effect of an ac electric field on weak electron localization in Bi films. European Physical Journal D, 1996, 46, 2483-2484.	0.4	0
31	Mesoscopic conductance fluctuations in two-dimensional percolation gold films near the percolation threshold. European Physical Journal D, 1996, 46, 2363-2364.	0.4	0
32	Temperature behavior of conductivity in a La ₂ CuO ₄ + δ single crystal upon the paramagnetic-antiferromagnetic transition. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 692-694.	0.6	0
33	A "double exponential" increase in conductivity due to explosive crystallization of the amorphous layer of ultra-thin quench-condensed gold film. Low Temperature Physics, 2016, 42, 772-777.	0.6	0
34	Conductivity of pressed powders of chromium dioxide with spin-dependent electron tunneling: The effect of thickness and composition of dielectric layers. Low Temperature Physics, 2019, 45, 1281-1289.	0.6	0
35	Interplay of hopping conductivity and superconductivity in magnetic superconductor RuSr ₂ (Eu _{1.5} Ce _{0.5})Cu ₂ O ₁₀ . Low Temperature Physics, 2020, 46, 584-593.	0.6	0
36	Shift of superconducting transition temperatures in magnetic superconductor RuSr ₂ (Eu _{1.5} Ce _{0.5})Cu ₂ O ₁₀ -d under influence of annealing in high pressure oxygen atmosphere. Functional Materials, 2016, 23, 165-169.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Changes in the coercivity fields of magnetoresistance hysteresis loops under the influence of a spin-polarized current flowing through the half-metal CrO ₂ nanocomposite system. <i>Low Temperature Physics</i> , 2022, 48, 545-551.	0.6	0