

Mikhail Popov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Interplay of the Charge and Vortex Subsystems in Anisotropic Electron-Doped Superconductor $Nd_{2-x}Ce_xCuO_4$. <i>Physics of Metals and Metallography</i> , 2022, 123, 114-137.	1.0	0
2	Rashba Spin Splitting in HgCdTe Quantum Wells with Inverted and Normal Band Structures. <i>Nanomaterials</i> , 2022, 12, 1238.	4.1	2
3	Magnetic susceptibility anisotropy of electron overdoped high temperature superconductor Nd_2CeCuO_4 . <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109770.	4.0	3
4	Anisotropy of Magnetic Properties and the Permittivity of $Nd_{1.9}Ce_{0.1}CuO_4$ + δ Single Crystal. <i>Physics of Metals and Metallography</i> , 2021, 122, 485-490.	1.0	2
5	Unconventional reentrant quantum Hall effect in a HgTe/CdHgTe double quantum well. <i>Physical Review B</i> , 2020, 102, .	3.2	9
6	Magnetic Properties of Underdoped Epitaxial Films $Nd_{2-x}Ce_xCuO_4/\delta/SrTiO_3$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2020, 33, 3487-3492.	1.8	1
7	Effective Mass and g-Factor of Two-Dimensional HgTe δ -Band Electrons: Shubnikov-de Haas Oscillations. <i>Semiconductors</i> , 2020, 54, 982-990.	0.5	2
8	Lateral vortex motion in highly layered electron-doped superconductor $Nd_{2-x}Ce_xCuO_4$. <i>Physica C: Superconductivity and Its Applications</i> , 2020, 578, 1353738.	1.2	1
9	Normal state interlayer conductivity in epitaxial $Nd_{2-x}Ce_xCuO_4$ films deposited on $SrTiO_3$ (110) single crystal substrates. <i>Materials Research Express</i> , 2019, 6, 096005.	1.6	6
10	On the Thermal Activation of Conductivity Electrons in a p-Type HgTe/CdHgTe Double Quantum Well with HgTe Layers of Critical Width. <i>Semiconductors</i> , 2019, 53, 919-922.	0.5	3
11	Interlayer Hall Effect in n-type doped high temperature superconductor $Nd_{2-x}Ce_xCuO_4+\delta$. <i>Physica C: Superconductivity and Its Applications</i> , 2019, 566, 1353515.	1.2	2
12	HgTe quantum wells with inverted band structure: Quantum Hall effect and the large-scale impurity potential. <i>Low Temperature Physics</i> , 2019, 45, 412-418.	0.6	4
13	Anisotropy of the critical current density in a layered electron-doped superconductor $Nd_{2-x}Ce_xCuO_4+\delta$. <i>Low Temperature Physics</i> , 2019, 45, 212-216.	0.6	2
14	Anisotropic temperature dependence of normal state resistivity in underdoped region of a layered electron-doped superconductor $Nd_{2-x}Ce_xCuO_4$. <i>Low Temperature Physics</i> , 2019, 45, 217-223.	0.6	9
15	HgTe/CdHgTe double quantum well with a spectrum of bilayer graphene and peculiarities of its magnetotransport. <i>JETP Letters</i> , 2016, 104, 403-410.	1.4	11
16	Magnetotransport in double quantum well with inverted energy spectrum: HgTe/CdHgTe. <i>Physical Review B</i> , 2016, 93, .	3.2	16
17	2D δ -localization and delocalization effects in quantum Hall regime in HgTe wide quantum wells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2016, 13, 473-476.	0.8	4
18	Variable-Range Hopping Conductivity in Quantum Hall Regime for HgTe-Based Heterostructure. <i>Journal of Low Temperature Physics</i> , 2016, 185, 665-672.	1.4	6

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19	Temperature scaling in the quantum-Hall-effect regime in a HgTe quantum well with an inverted energy spectrum. Semiconductors, 2015, 49, 1545-1549.	0.5	11