

# Mikhail Popov

## List of Publications by Year in descending order

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19  
papers

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citations

1478505

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h-index

1474206

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g-index

19  
all docs

19  
docs citations

19  
times ranked

61  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	The Interplay of the Charge and Vortex Subsystems in Anisotropic Electron-Doped Superconductor Nd <sub>2</sub> -xCe <sub>x</sub> CuO <sub>4</sub> . Physics of Metals and Metallography, 2022, 123, 114-137.	1.0	0