Aleksei Putilov

List of Publications by Year
in descending order

14	161	1307594 7	1125743 13
papers	citations	h-index	g-index

17	17	17	334
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolution of Metastable Defects and Its Effect on the Electronic Properties of MoS2 Films. Scientific Reports, 2018, 8, 6724.	3.3	40
2	Inter-Layer Coupling Induced Valence Band Edge Shift in Mono- to Few-Layer MoS2. Scientific Reports, 2017, 7, 40559.	3.3	32
3	Peculiar superconducting properties of a thin film superconductorâ€“normal metal bilayer with large ratio of resistivities. Superconductor Science and Technology, 2018, 31, 115004.	3.5	15
4	Vortex-core properties and vortex-lattice transformation in FeSe. Physical Review B, 2019, 99, .	3.2	15
5	MoirÃ© superlattices and 2D electronic properties of graphite/MoS2 heterostructures. Journal of Physics and Chemistry of Solids, 2019, 128, 325-330.	4.0	14
6	The surface structures growthâ€™s features caused by Ge adsorption on the Au(111) surface. JETP Letters, 2017, 106, 217-222.	1.4	11
7	Phase transitions in superconductor/ferromagnet bilayer driven by spontaneous supercurrents. Physical Review B, 2021, 103, .	3.2	11
8	Edge superconductivity in Nb thin film microbridges revealed by electric transport measurements and visualized by scanning laser microscopy. Superconductor Science and Technology, 2013, 26, 095011.	3.5	8
9	Tunneling interferometry and measurement of the thickness of ultrathin metallic Pb(111) films. JETP Letters, 2017, 106, 491-497.	1.4	6
10	Nonuniform Quantum-Confined States and Visualization of Hidden Defects in Pb(111) Films. JETP Letters, 2019, 109, 755-761.	1.4	4
11	Anisotropic Superconducting Gaps and Boson Mode in FeSe 1â^'x S x Single Crystals. Journal of Superconductivity and Novel Magnetism, 2017, 30, 763-768.	1.8	2
12	Giant electromagnetic proximity effect in superconductor/ferromagnet superlattices. Physical Review B, 2022, 105, .	3.2	2
13	Metastable defects in monolayer and few-layer films of MoS2. AIP Conference Proceedings, 2018, , .	0.4	1
14	Peculiarities of the initial stage of growth of niobium-based nanostructures on a Si(111)-7 Ã— 7 surface. Journal of Surface Investigation, 2016, 10, 273-281.	0.5	0