

AVYanovsky

List of Publications by Year in descending order

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17
papers

108
citations

1478505

6
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of electron-electron scattering on electron-beam propagation in a two-dimensional electron gas. <i>Physical Review B</i> , 2000, 62, 2057-2064.	3.2	31
2	Spin-guide source for the generation of highly spin-polarized currents. <i>Physical Review B</i> , 2003, 68, .	3.2	14
3	On dynamic properties of a two-dimensional degenerate electron gas. <i>Low Temperature Physics</i> , 1998, 24, 737-741.	0.6	13
4	Angle-resolved spectroscopy of electron-electron scattering in a 2D system. <i>Europhysics Letters</i> , 2001, 56, 709-715.	2.0	11
5	A magnetic-field-effect transistor and spin transport. <i>Applied Physics Letters</i> , 2003, 83, 4577-4579.	3.3	10
6	Dynamics of a spin-polarized electron liquid: Spin oscillations with a low decay. <i>Physical Review B</i> , 2006, 73, .	3.2	10
7	Spin-Polarized Current in a Nonmagnetic Conductor and the Role of Electron- μ Electron Scattering. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003, 16, 201-203.	0.5	5
8	Spin-transport effects in electron systems on liquid helium surfaces. <i>Low Temperature Physics</i> , 2014, 40, 960-966.	0.6	3
9	Relaxation of high-energy quasiparticle distributions: Electron-electron scattering in a two-dimensional electron gas. <i>Physical Review B</i> , 2003, 68, .	3.2	2
10	Influence of electron- μ electron scattering on spin-polarized current states in magnetically wrapped nanowires. <i>Low Temperature Physics</i> , 2003, 29, 606-608.	0.6	2
11	Hydrodynamics of spin-polarized transport and spin pendulum. <i>Journal of Experimental and Theoretical Physics</i> , 2007, 105, 185-189.	0.9	2
12	Spin field-effect transistor with electric control. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	2
13	Accumulation of spin-polarized states of charge carriers and a spintronic battery. <i>Low Temperature Physics</i> , 2020, 46, 724-733.	0.6	2
14	Spectroscopy of electron- μ electron scattering in a 2DEG. <i>Physics-Uspexhi</i> , 2001, 44, 57-61.	2.2	1
15	Generations and properties on narrow electron flows in mesoscopic solid-state structures. <i>Physical Review B</i> , 2005, 72, .	3.2	0
16	On phonon-wind-driven spin injection and the conductivity mismatch problem. <i>Journal of Experimental and Theoretical Physics</i> , 2007, 105, 149-151.	0.9	0
17	Electrical resistance of spatially varying magnetic interfaces. The role of normal scattering. <i>Low Temperature Physics</i> , 2011, 37, 149-156.	0.6	0