

Laszlo Borda

List of Publications by Year in descending order

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24
papers

1,029
citations

623734

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677142

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24
all docs

24
docs citations

24
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	SU(4) Fermi Liquid State and Spin Filtering in a Double Quantum Dot System. Physical Review Letters, 2003, 90, 026602.	7.8	188
2	Kondo Effect in the Presence of Itinerant-Electron Ferromagnetism Studied with the Numerical Renormalization Group Method. Physical Review Letters, 2003, 91, 247202.	7.8	186
3	A tunable two-impurity Kondo system in an atomic point contact. Nature Physics, 2011, 7, 901-906.	16.7	104
4	Kondo screening cloud in a one-dimensional wire: Numerical renormalization group study. Physical Review B, 2007, 75, .	3.2	80
5	Theory of Inelastic Scattering from Magnetic Impurities. Physical Review Letters, 2004, 93, 107204.	7.8	69
6	Non-equilibrium current and relaxation dynamics of a charge-fluctuating quantum dot. Europhysics Letters, 2010, 90, 30003.	2.0	67
7	Friedel oscillations and the Kondo screening cloud. Physical Review B, 2008, 77, .	3.2	66
8	Theory of a resonant level coupled to several conduction-electron channels in equilibrium and out of equilibrium. Physical Review B, 2007, 75, .	3.2	46
9	Theory of inelastic scattering from quantum impurities. Physical Review B, 2007, 75, .	3.2	44
10	Energy-resolved inelastic electron scattering off a magnetic impurity. Physical Review B, 2005, 72, .	3.2	42
11	Maximized orbital and spin Kondo effects in a single-electron transistor. Physical Review B, 2004, 69, .	3.2	32
12	Dissipation-induced quantum phase transition in a quantum box. Physical Review B, 2005, 72, .	3.2	23
13	Underscreened Kondo effect in quantum dots coupled to ferromagnetic leads. Physical Review B, 2010, 81, .	3.2	16
14	Slow two-level systems in point contacts. Advances in Physics, 2004, 53, 939-1010.	14.4	15
15	Phase transition, spin-charge separation, and spin filtering in a quantum dot. Physical Review B, 2006, 73, .	3.2	14
16	Kondo cloud and spin-spin correlations around a partially screened magnetic impurity. Physical Review B, 2009, 79, .	3.2	14
17	Theory of magnetoresistance in films of dilute magnetic alloys. Physical Review B, 2000, 61, 3570-3578.	3.2	7
18	Surface anisotropy and the Kondo effect in restricted geometry (invited). Journal of Applied Physics, 2000, 87, 6083-6087.	2.5	5

#	ARTICLE	IF	CITATIONS
19	Mean-field quantum phase transition in graphene and in general gapless systems. Physical Review B, 2010, 82, .	3.2	5
20	Toward a microscopic description of Kondo dimers on metallic surfaces. Europhysics Letters, 2009, 85, 47002.	2.0	3
21	Inelastic scattering from quantum impurities. Physica E: Low-Dimensional Systems and Nanostructures, 2007, 40, 5-11.	2.7	2
22	Publisher's Note: Friedel oscillations and the Kondo screening cloud [Phys. Rev. B, 180404 (2008)]. Physical Review B, 2008, 78, .	3.2	1
23	Numerical renormalization study of a tunneling atom with Kondo spin. Solid State Communications, 2001, 118, 603-606.	1.9	0
24	Dynamics of a Tunneling Magnetic Impurity: Kondo Effect Induced Incoherence. Physical Review Letters, 2002, 88, 247203.	7.8	0