

Jose A Riera

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42
papers

1,301
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36
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45
ext. papers

1,368
ext. citations

3.6
avg, IF

4
L-index

#	Paper	IF	Citations
42	Magnetic susceptibility in the spin-Peierls system CuGeO ₃ . <i>Physical Review B</i> , 1995 , 51, 16098-16102	3.3	203
41	Incommensurate correlations in the t-J and frustrated spin-1/2 Heisenberg models. <i>Physical Review B</i> , 1990 , 42, 6283-6293	3.3	111
40	Local Enhancement of Antiferromagnetic Correlations by Nonmagnetic Impurities. <i>Physical Review Letters</i> , 1997 , 78, 3563-3566	7.4	93
39	Phase Diagram of Electronic Models for Transition Metal Oxides in One Dimension. <i>Physical Review Letters</i> , 1997 , 79, 713-716	7.4	78
38	Enhancement of antiferromagnetic correlations induced by nonmagnetic impurities: Origin and predictions for NMR experiments. <i>Physical Review B</i> , 1998 , 57, 10755-10769	3.3	77
37	Dynamical pair susceptibilities in the t-J and Hubbard models. <i>Physical Review B</i> , 1990 , 42, 2347-2352	3.3	64
36	Magnetic and metallic state at intermediate Hubbard U coupling in multiorbital models for undoped iron pnictides. <i>Physical Review B</i> , 2009 , 79,	3.3	59
35	Influence of the anion potential on the charge ordering in quasi-one-dimensional charge-transfer salts. <i>Physical Review B</i> , 2001 , 63,	3.3	53
34	Magnetic states of the two-leg-ladder alkali metal iron selenides AFe ₂ Se ₃ . <i>Physical Review B</i> , 2013 , 87,	3.3	51
33	Rapid suppression of the spin gap in Zn-doped CuGeO ₃ and SrCu ₂ O ₃ . <i>Physical Review B</i> , 1996 , 54, 16032-16038	3.3	47
32	Competing pairing symmetries in a generalized two-orbital model for the pnictide superconductors. <i>Physical Review Letters</i> , 2011 , 106, 217002	7.4	45
31	Hole-doping evolution of the quasiparticle band in models of strongly correlated electrons for the high-T _c cuprates. <i>Physical Review B</i> , 1997 , 56, 5597-5609	3.3	40
30	dx ₂ -y ₂ superconductivity in a model of correlated fermions. <i>Physical Review B</i> , 1996 , 54, R768-R771	3.3	40
29	d-wave bound state of holes in an antiferromagnet. <i>Physical Review B</i> , 1994 , 49, 12318-12321	3.3	32
28	Dynamical properties of antiferromagnetic Heisenberg spin chains. <i>Physical Review B</i> , 1993 , 48, 3281-3286	3.3	30
27	Two holes in a locally antiferromagnetic background: The role of retardation and Coulomb repulsion effects. <i>Physical Review B</i> , 1998 , 57, 8609-8621	3.3	27
26	Cluster study of the t-J model: Chiral fluctuations. <i>Physical Review B</i> , 1991 , 43, 7899-7912	3.3	19

25	Magnetic excitations and effects of magnetic fields on the spin-Peierls transition in CuGeO ₃ . <i>Physical Review B</i> , 1996 , 53, 770-774	3-3	18
24	Spin polarization in the Hubbard model with Rashba spin-orbit coupling on a ladder. <i>Physical Review B</i> , 2013 , 88,	3-3	17
23	Soliton width in the incommensurate phase of spin-Peierls systems. <i>Physical Review B</i> , 1997 , 56, R2912-R2915	3-3	17
22	Role of degeneracy, hybridization, and nesting in the properties of multiorbital systems. <i>Physical Review B</i> , 2011 , 84,	3-3	15
21	Pairing symmetries of a hole-doped extended two-orbital model for the pnictides. <i>Physical Review B</i> , 2012 , 85,	3-3	15
20	Quantum Monte Carlo simulations of the tJz model with stripes on the square lattice. <i>Physical Review B</i> , 2001 , 64,	3-3	15
19	Cluster diagonalization in systematically expanded Hilbert spaces: Application to models of correlated electrons. <i>Physical Review B</i> , 1993 , 48, 9515-9523	3-3	15
18	Binding of holes in two-dimensional lattices with different boundary conditions. <i>Physical Review B</i> , 1991 , 43, 3681-3683	3-3	15
17	Hole pairs in a spin liquid: Influence of electrostatic hole-hole repulsion. <i>Physical Review B</i> , 1999 , 59, R709-R712	3-3	14
16	Optical conductivity of the Hubbard model at finite temperature. <i>Physical Review B</i> , 1994 , 50, 452-456	3-3	14
15	Magnetic state of K _{0.8} Fe _{1.6} Se ₂ from a five-orbital Hubbard model in the Hartree-Fock approximation. <i>Physical Review B</i> , 2011 , 84,	3-3	13
14	Random-exchange disorder in the spin-1/2 XXZ chain. <i>Physical Review B</i> , 1993 , 48, 13174-13177	3-3	12
13	Phase separation and pairing in coupled chains and planes. <i>Physical Review B</i> , 1994 , 49, 3629-3632	3-3	12
12	Raman spectra of two-dimensional spin-1/2 Heisenberg antiferromagnets. <i>Journal of Applied Physics</i> , 1994 , 75, 6340-6342	2.5	10
11	Magnetic and transport signatures of Rashba spin-orbit coupling on the ferromagnetic Kondo lattice model in two dimensions. <i>Physical Review B</i> , 2014 , 90,	3-3	5
10	Superconductivity in the multiband Hubbard model with long-range Coulomb repulsion. <i>Physical Review B</i> , 1994 , 50, 3215-3220	3-3	5
9	Inhomogeneous charge textures stabilized by electron-phonon interactions in the tJ model. <i>Physical Review B</i> , 2006 , 73,	3-3	4
8	Effects of interladder couplings in the trellis lattice. <i>Physical Review B</i> , 2001 , 63,	3-3	3

7	Superconductivity and antiferromagnetism in a hard-core boson spin-1 model in two dimensions. <i>Physical Review B</i> , 2002 , 65,	3-3	3
6	Phase separation in effective hard-core boson and triplet models in one and two dimensions. <i>Physical Review B</i> , 2002 , 66,	3-3	3
5	Dagotto and Riera Reply:. <i>Physical Review Letters</i> , 1998 , 81, 4028-4028	7-4	3
4	Helical currents in metallic Rashba strips. <i>Physical Review B</i> , 2016 , 93,	3-3	2
3	Charge and spin ordering and charge transport properties in a two-dimensional inhomogeneous $t\tilde{J}$ model. <i>Physical Review B</i> , 2002 , 65,	3-3	2
2	Ferromagnetic Kondo lattice model with Rashba coupling: effects of antiferromagnetic coupling between localized spins.. <i>Journal of Physics: Conference Series</i> , 2014 , 568, 052026	0-3	
1	Quantum Monte Carlo simulations of the $t\tilde{J}z$ model with stripes on the square lattice. <i>Physica B: Condensed Matter</i> , 2002 , 312-313, 569-570	2-8	