

Jose A Riera

List of Publications by Year in descending order

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citations

394286

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45
all docs

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docs citations

45
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic susceptibility in the spin-Peierls system CuGeO_3 . Physical Review B, 1995, 51, 16098-16102.	1.1	212
2	Incommensurate correlations in the J- J' frustrated spin-1/2 Heisenberg models. Physical Review B, 1990, 42, 6283-6293.	1.1	116
3	Local Enhancement of Antiferromagnetic Correlations by Nonmagnetic Impurities. Physical Review Letters, 1997, 78, 3563-3566.	2.9	101
4	Phase Diagram of Electronic Models for Transition Metal Oxides in One Dimension. Physical Review Letters, 1997, 79, 713-716.	2.9	89
5	Enhancement of antiferromagnetic correlations induced by nonmagnetic impurities: Origin and predictions for NMR experiments. Physical Review B, 1998, 57, 10755-10769.	1.1	84
6	Dynamical pair susceptibilities in the J- J' Hubbard models. Physical Review B, 1990, 42, 2347-2352.	1.1	66
7	Magnetic and metallic state at intermediate Hubbard U coupling in multiorbital models for undoped iron pnictides. Physical Review B, 2014, 89, 040407.	1.1	62
8	Magnetic states of the two-leg ladder alkali metal iron selenides AFe_2Se_2 . Physical Review B, 2014, 89, 040408.	1.1	58
9	Influence of the anion potential on the charge ordering in quasi-one-dimensional charge-transfer salts. Physical Review B, 2001, 63, .	1.1	55
10	Rapid suppression of the spin gap in Zn-doped CuGeO_3 and SrCu_2O_3 . Physical Review B, 1996, 54, 16032-16038.	1.1	47
11	Competing Pairing Symmetries in a Generalized Two-Orbital Model for the Pnictide Superconductors. Physical Review Letters, 2011, 106, 217002.	2.9	46
12	$d_{x^2-y^2}$ superconductivity in a model of correlated fermions. Physical Review B, 1996, 54, R768-R771.	1.1	42
13	Hole-doping evolution of the quasiparticle band in models of strongly correlated electrons for the high- T_c cuprates. Physical Review B, 1997, 56, 5597-5609.	1.1	41
14	d -wave bound state of holes in an antiferromagnet. Physical Review B, 1994, 49, 12318-12321.	1.1	38
15	Dynamical properties of antiferromagnetic Heisenberg spin chains. Physical Review B, 1993, 48, 3281-3286.	1.1	30
16	Two holes in a locally antiferromagnetic background: The role of retardation and Coulomb repulsion effects. Physical Review B, 1998, 57, 8609-8621.	1.1	30
17	Spin polarization in the Hubbard model with Rashba spin-orbit coupling on a ladder. Physical Review B, 2013, 88, .	1.1	23
18	Magnetic excitations and effects of magnetic fields on the spin-Peierls transition in CuGeO_3 . Physical Review B, 1996, 53, 770-774.	1.1	20

#	ARTICLE	IF	CITATIONS
19	Cluster study of the J -model: Chiral fluctuations. <i>Physical Review B</i> , 1991, 43, 7899-7912.	1.1	19
20	Soliton width in the incommensurate phase of spin-Peierls systems. <i>Physical Review B</i> , 1997, 56, R2912-R2915.	1.1	17
21	Quantum Monte Carlo simulations of the t^*J -model with stripes on the square lattice. <i>Physical Review B</i> , 2001, 64, .	1.1	17
22	Pairing symmetries of a hole-doped extended two-orbital model for the pnictides. <i>Physical Review B</i> , 2012, 85, .	1.1	16
23	Binding of holes in two-dimensional lattices with different boundary conditions. <i>Physical Review B</i> , 1991, 43, 3681-3683.	1.1	15
24	Cluster diagonalization in systematically expanded Hilbert spaces: Application to models of correlated electrons. <i>Physical Review B</i> , 1993, 48, 9515-9523.	1.1	15
25	Hole pairs in a spin liquid: Influence of electrostatic hole-hole repulsion. <i>Physical Review B</i> , 1999, 59, R709-R712.	1.1	15
26	Role of degeneracy, hybridization, and nesting in the properties of multiorbital systems. <i>Physical Review B</i> , 2011, 84, .	1.1	15
27	Magnetic state of $K_0.8Fe_{1.6}Se_2$ from a five-orbital Hubbard model in the Hartree-Fock approximation. <i>Physical Review B</i> , 2011, 84, .	1.1	15
28	Optical conductivity of the Hubbard model at finite temperature. <i>Physical Review B</i> , 1994, 50, 452-456.	1.1	14
29	Random-exchange disorder in the spin-1/2 XXZ chain. <i>Physical Review B</i> , 1993, 48, 13174-13177.	1.1	12
30	Phase separation and pairing in coupled chains and planes. <i>Physical Review B</i> , 1994, 49, 3629-3632.	1.1	12
31	Raman spectra of two-dimensional spin-1/2 Heisenberg antiferromagnets. <i>Journal of Applied Physics</i> , 1994, 75, 6340-6342.	1.1	10
32	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, .	1.1	10
33	Superconductivity in the multiband Hubbard model with long-range Coulomb repulsion. <i>Physical Review B</i> , 1994, 50, 3215-3220.	1.1	6
34	Helical currents in metallic Rashba strips. <i>Physical Review B</i> , 2016, 93, .	1.1	6
35	Charge and spin ordering and charge transport properties in a two-dimensional inhomogeneous t^*J -model. <i>Physical Review B</i> , 2002, 65, .	1.1	4
36	Superconductivity and antiferromagnetism in a hard-core boson spin-1 model in two dimensions. <i>Physical Review B</i> , 2002, 65, .	1.1	4

#	ARTICLE	IF	CITATIONS
37	Phase separation in effective hard-core boson and triplet models in one and two dimensions. Physical Review B, 2002, 66, .	1.1	4
38	Inhomogeneous charge textures stabilized by electron-phonon interactions in the $t\hat{c}^2J$ model. Physical Review B, 2006, 73, .	1.1	4
39	Dagotto and Riera Reply:. Physical Review Letters, 1998, 81, 4028-4028.	2.9	3
40	Effects of interladder couplings in the trellis lattice. Physical Review B, 2001, 63, .	1.1	3
41	Longitudinal optical and spin Hall conductivities of Rashba conducting strips coupled to ferromagnetic and antiferromagnetic layers. Physical Review B, 2017, 95, .	1.1	1
42	Quantum Monte Carlo simulations of the $t\hat{c}^2Jz$ model with stripes on the square lattice. Physica B: Condensed Matter, 2002, 312-313, 569-570.	1.3	0
43	Effects of domain walls on hole motion in the two-dimensional anisotropic $t\hat{c}^2J$ model at finite temperature. Physical Review B, 2003, 68, .	1.1	0
44	Ferromagnetic Kondo lattice model with Rashba coupling: effects of antiferromagnetic coupling between localized spins.. Journal of Physics: Conference Series, 2014, 568, 052026.	0.3	0
45	Transport properties of Rashba conducting strips coupled to magnetic moments with spiral order. Physical Review B, 2018, 97, .	1.1	0