

Jose A Riera

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9357960/jose-a-riera-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

1,301
citations

18
h-index

36
g-index

45
ext. papers

1,368
ext. citations

3.6
avg, IF

4
L-index

#	Paper	IF	Citations
42	Helical currents in metallic Rashba strips. <i>Physical Review B</i> , 2016 , 93,	3.3	2
41	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
40	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	
39	Spin polarization in the Hubbard model with Rashba spin-orbit coupling on a ladder. <i>Physical Review B</i> , 2013 , 88,	3.3	17
38	Magnetic states of the two-leg-ladder alkali metal iron selenides AFe_2Se_3 . <i>Physical Review B</i> , 2013 , 87,	3.3	51
37	Pairing symmetries of a hole-doped extended two-orbital model for the pnictides. <i>Physical Review B</i> , 2012 , 85,	3.3	15
36	Competing pairing symmetries in a generalized two-orbital model for the pnictide superconductors. <i>Physical Review Letters</i> , 2011 , 106, 217002	7.4	45
35	Role of degeneracy, hybridization, and nesting in the properties of multiorbital systems. <i>Physical Review B</i> , 2011 , 84,	3.3	15
34	Magnetic state of $\text{K}_{0.8}\text{Fe}_{1.6}\text{Se}_2$ from a five-orbital Hubbard model in the Hartree-Fock approximation. <i>Physical Review B</i> , 2011 , 84,	3.3	13
33	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
32	Inhomogeneous charge textures stabilized by electron-phonon interactions in the $t\tilde{J}$ model. <i>Physical Review B</i> , 2006 , 73,	3.3	4
31	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	
30	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
29	Superconductivity and antiferromagnetism in a hard-core boson spin-1 model in two dimensions. <i>Physical Review B</i> , 2002 , 65,	3.3	3
28	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
27	Quantum Monte Carlo simulations of the $t\tilde{J}z$ model with stripes on the square lattice. <i>Physical Review B</i> , 2001 , 64,	3.3	15
26	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

25	Effects of interladder couplings in the trellis lattice. <i>Physical Review B</i> , 2001 , 63,	3-3	3
24	Hole pairs in a spin liquid: Influence of electrostatic hole-hole repulsion. <i>Physical Review B</i> , 1999 , 59, R709-R712	3-3	14
23	Dagotto and Riera Reply:. <i>Physical Review Letters</i> , 1998 , 81, 4028-4028	7-4	3
22	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
21	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
20	Soliton width in the incommensurate phase of spin-Peierls systems. <i>Physical Review B</i> , 1997 , 56, R2912-R2915	3-3	17
19	Phase Diagram of Electronic Models for Transition Metal Oxides in One Dimension. <i>Physical Review Letters</i> , 1997 , 79, 713-716	7-4	78
18	Local Enhancement of Antiferromagnetic Correlations by Nonmagnetic Impurities. <i>Physical Review Letters</i> , 1997 , 78, 3563-3566	7-4	93
17	Hole-doping evolution of the quasiparticle band in models of strongly correlated electrons for the high-Tc cuprates. <i>Physical Review B</i> , 1997 , 56, 5597-5609	3-3	40
16	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
15	dx ² -y ² superconductivity in a model of correlated fermions. <i>Physical Review B</i> , 1996 , 54, R768-R771	3-3	40
14	Rapid suppression of the spin gap in Zn-doped CuGeO ₃ and SrCu ₂ O ₃ . <i>Physical Review B</i> , 1996 , 54, 16032-16034	3-3	17
13	Magnetic susceptibility in the spin-Peierls system CuGeO ₃ . <i>Physical Review B</i> , 1995 , 51, 16098-16102	3-3	203
12	Superconductivity in the multiband Hubbard model with long-range Coulomb repulsion. <i>Physical Review B</i> , 1994 , 50, 3215-3220	3-3	5
11	d-wave bound state of holes in an antiferromagnet. <i>Physical Review B</i> , 1994 , 49, 12318-12321	3-3	32
10	Optical conductivity of the Hubbard model at finite temperature. <i>Physical Review B</i> , 1994 , 50, 452-456	3-3	14
9	Phase separation and pairing in coupled chains and planes. <i>Physical Review B</i> , 1994 , 49, 3629-3632	3-3	12
8	Raman spectra of two-dimensional spin-1/2 Heisenberg antiferromagnets. <i>Journal of Applied Physics</i> , 1994 , 75, 6340-6342	2-5	10

7	Dynamical properties of antiferromagnetic Heisenberg spin chains. <i>Physical Review B</i> , 1993 , 48, 3281-3286		30
6	Random-exchange disorder in the spin-1/2 XXZ chain. <i>Physical Review B</i> , 1993 , 48, 13174-13177	3-3	12
5	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
4	Cluster study of the t-J model: Chiral fluctuations. <i>Physical Review B</i> , 1991 , 43, 7899-7912	3-3	19
3	Binding of holes in two-dimensional lattices with different boundary conditions. <i>Physical Review B</i> , 1991 , 43, 3681-3683	3-3	15
2	Dynamical pair susceptibilities in the t-J and Hubbard models. <i>Physical Review B</i> , 1990 , 42, 2347-2352	3-3	64
1	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