

Eduardo Miranda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1836688/publications.pdf>

Version: 2024-02-01

84
papers

2,230
citations

304743

22
h-index

223800

46
g-index

85
all docs

85
docs citations

85
times ranked

1468
citing authors

#	ARTICLE	IF	CITATIONS
1	Disorder-Driven Non-Fermi-Liquid Behavior in Kondo Alloys. Physical Review Letters, 1997, 78, 290-293.	7.8	206
2	Scaling Theory of Two-Dimensional Metal-Insulator Transitions. Physical Review Letters, 1997, 79, 455-458.	7.8	193
3	Disorder-driven non-Fermi liquid behaviour of correlated electrons. Reports on Progress in Physics, 2005, 68, 2337-2408.	20.1	192
4	Kondo disorder: a possible route towards non-Fermi-liquid behaviour. Journal of Physics Condensed Matter, 1996, 8, 9871-9900.	1.8	132
5	Odd-frequency pairing in the Kondo lattice. Physical Review B, 1994, 49, 8955-8982.	3.2	124
6	Multipartite Entanglement Signature of Quantum Phase Transitions. Physical Review Letters, 2006, 97, 170401.	7.8	120
7	Possible realization of odd-frequency pairing in heavy fermion compounds. Physical Review Letters, 1993, 70, 2960-2963.	7.8	116
8	Localization-Induced Griffiths Phase of Disordered Anderson Lattices. Physical Review Letters, 2001, 86, 264-267.	7.8	62
9	Introduction to bosonization. Brazilian Journal of Physics, 2003, 33, 3.	1.4	55
10	Evolution of the magnetic properties and magnetic structures along the $RmMIn3m+2$ ($R=Ce, Nd, Gd, Tb$); Tj ETQq0,0,0 rgBT /Overlock 1	2.5	53
11	Absence of Conventional Quantum Phase Transitions in Itinerant Systems with Disorder. Physical Review Letters, 2005, 94, 187203.	7.8	51
12	Correlation amplitude and entanglement entropy in random spin chains. Physical Review B, 2007, 76, .	3.2	49
13	Dimerization Induced by the RKKY Interaction. Physical Review Letters, 2003, 90, 247204.	7.8	47
14	Non-Fermi-Liquid Behavior in Metallic Quasicrystals with Local Magnetic Moments. Physical Review Letters, 2015, 115, 036403.	7.8	43
15	Electronic Griffiths Phase of the d Mott Transition. Physical Review Letters, 2009, 102, 206403.	7.8	41
16	Three-Body Bound States and the Development of Odd-Frequency Pairing. Physical Review Letters, 1995, 74, 1653-1656.	7.8	38
17	Magnetic structure and enhanced TN of the rare-earth intermetallic compound $TbRhIn5$: Experiments and mean-field model. Physical Review B, 2006, 74, .	3.2	38
18	Symmetry-breaking effects upon bipartite and multipartite entanglement in the XY model. Physical Review A, 2008, 77, .	2.5	33

#	ARTICLE	IF	CITATIONS
19	Chiral Spin-Orbital Liquids with Nodal Lines. <i>Physical Review Letters</i> , 2016, 117, 017204.	7.8	32
20	Localization effects and inelastic scattering in disordered heavy electrons. <i>Physical Review B</i> , 2003, 68, .	3.2	24
21	Are Kondo insulators gapless?. <i>Physica B: Condensed Matter</i> , 1993, 186-188, 362-364.	2.7	22
22	Effective model of the electronic Griffiths phase. <i>Physical Review B</i> , 2004, 70, .	3.2	22
23	Small Fermi surface in the one-dimensional Kondo lattice model. <i>Physical Review B</i> , 2002, 65, .	3.2	21
24	Coulomb gas approach to the anisotropic one-dimensional Kondo lattice model at arbitrary filling. <i>Physical Review B</i> , 2002, 66, .	3.2	21
25	Phase diagrams and universality classes of random antiferromagnetic spin ladders. <i>Physical Review B</i> , 2004, 69, .	3.2	21
26	Mott transition in the Hubbard model away from particle-hole symmetry. <i>Physical Review B</i> , 2007, 75, .	3.2	19
27	Magnetically controlled impurities in quantum wires with strong Rashba coupling. <i>Physical Review B</i> , 2005, 71, .	3.2	18
28	Spin-Liquid Behavior in Electronic Griffiths Phases. <i>Physical Review Letters</i> , 2005, 95, 167204.	7.8	18
29	Quantum Ripples in Strongly Correlated Metals. <i>Physical Review Letters</i> , 2010, 104, 236401.	7.8	18
30	Luttinger liquid superlattices: Realization of gapless insulating phases. <i>Physical Review B</i> , 2002, 65, .	3.2	17
31	Temperature-dependent transport of correlated disordered electrons: Elastic vs. inelastic scattering. <i>Europhysics Letters</i> , 2004, 67, 226-232.	2.0	17
32	Quantum anisotropic Heisenberg chains with superlattice structure: A DMRG study. <i>Physical Review B</i> , 2005, 71, .	3.2	16
33	Edge magnetization and spin transport in an $SU(2)$ -symmetric Kitaev spin liquid. <i>Physical Review B</i> , 2018, 98, .	3.2	16
34	Non-Fermi liquid behavior as a consequence of Kondo disorder. <i>Physica B: Condensed Matter</i> , 1997, 230-232, 569-571.	2.7	14
35	Emergent $SU(3)$ Symmetry in Random Spin-1 Chains. <i>Physical Review Letters</i> , 2015, 115, 167201.	7.8	14
36	Random antiferromagnetic $SU(N)$ spin chains. <i>Physical Review B</i> , 2004, 70, .	3.2	13

#	ARTICLE	IF	CITATIONS
37	Domain-wall scattering in an interacting one-dimensional electron gas. <i>Physical Review B</i> , 2004, 69, .	3.2	13
38	Strong-disorder renormalization-group study of the one-dimensional tight-binding model. <i>Physical Review B</i> , 2014, 90, .	3.2	13
39	Induced spin-triplet pairing in the coexistence state of antiferromagnetism and singlet superconductivity: Collective modes and microscopic properties. <i>Physical Review B</i> , 2017, 96, .	3.2	13
40	Two-dimensional disordered Mott metal-insulator transition. <i>Physical Review B</i> , 2020, 101, .	3.2	13
41	Magnetization plateaus and Luttinger liquid behavior in XXZ chains with superlattice structure. <i>Physical Review B</i> , 2001, 65, .	3.2	11
42	Structurally tuned magnetic properties of (;) intermetallic antiferromagnets. <i>Physica B: Condensed Matter</i> , 2006, 384, 326-328.	2.7	10
43	Strong correlations generically protect d-wave superconductivity against disorder. <i>Physical Review B</i> , 2016, 93, .	3.2	10
44	Fragility of the Kondo insulating gap against disorder: Relevance to recent puzzles in topological Kondo insulators. <i>Physical Review Research</i> , 2020, 2, .	3.6	10
45	Griffiths phase of the Kondo insulator fixed point. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 110-114.	2.3	9
46	Luttinger liquid superlattices. <i>Journal of Physics Condensed Matter</i> , 2001, 13, L619-L625.	1.8	9
47	Phase Diagram of the Anisotropic Kondo Chain. <i>Physical Review Letters</i> , 2002, 88, 217201.	7.8	9
48	Quadrupolar spin liquid, octupolar Kondo coupling, and odd-frequency superconductivity in an exactly solvable model. <i>Physical Review B</i> , 2020, 102, .	3.2	9
49	Solution of the X-Ray Edge Problem for 2D Electrons in a Magnetic Field. <i>Physical Review Letters</i> , 1998, 80, 2953-2956.	7.8	8
50	Localization effects in disordered Kondo lattices. <i>Physica B: Condensed Matter</i> , 1999, 259-261, 359-361.	2.7	8
51	Correlation exponent κ of the one-dimensional Kondo lattice model. <i>Physical Review B</i> , 2004, 70, .	3.2	8
52	Energy-resolved spatial inhomogeneity of disordered Mott systems. <i>Physica B: Condensed Matter</i> , 2009, 404, 3167-3171.	2.7	8
53	Field induced phase transitions on NdRhIn5 and Nd2RhIn8 antiferromagnetic compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 954-956.	2.3	8
54	Strong-disorder approach for the Anderson localization transition. <i>Physical Review B</i> , 2017, 96, .	3.2	8

#	ARTICLE	IF	CITATIONS
55	Disentangling superconducting and magnetic orders in NaFeAsO using muon spin rotation. Physical Review B, 2018, 97, .	3.2	8
56	Odd-frequency pair density wave in the Kitaev-Kondo lattice model. Physical Review B, 2021, 103, .	3.2	8
57	Metal-insulator transition in correlated systems: A new numerical approach. Physica B: Condensed Matter, 2007, 398, 407-411.	2.7	7
58	The metal-insulator transition in the paramagnetic Hubbard Model. Physica B: Condensed Matter, 2008, 403, 1465-1467.	2.7	7
59	Doping effects on the magnetic properties of NdRhIn ₅ intermetallic antiferromagnet. Physica B: Condensed Matter, 2009, 404, 3059-3062.	2.7	7
60	Adaptive density matrix renormalization group for disordered systems. Physical Review B, 2018, 98, .	3.2	7
61	Highly symmetric random one-dimensional spin models. Physical Review B, 2019, 100, .	3.2	7
62	Odd-frequency superconductivity in dilute magnetic superconductors. Physical Review Research, 2020, 2, .	3.6	7
63	Phase diagram of the two-leg Kondo ladder. Physical Review B, 2004, 70, .	3.2	6
64	One-dimensional Kondo lattice model at quarter filling. Physical Review B, 2008, 78, .	3.2	6
65	La-dilution effects in antiferromagnetic TbRhIn_5 crystals. Physical Review B, 2009, 79, .	3.2	6
66	Random $\text{SU}(2)$ -symmetric spin- S chains. Physical Review B, 2016, 94, .	3.2	6
67	Mottness-induced healing in strongly correlated superconductors. Physical Review B, 2015, 91, .	3.2	5
68	Emergent $\text{SU}(N)$ symmetry in disordered $\text{SO}(N)$ spin chains. European Physical Journal B, 2020, 93, 1.	1.5	5
69	Valence-bond theory of highly disordered quantum antiferromagnets. Europhysics Letters, 2009, 87, 27003.	2.0	4
70	The case of $\text{SU}(3)$ criticality in spin-2 chains. Physical Review B, 2022, 105, .	3.2	3
71	Magnetic properties of frustrated Y-doped. Physica B: Condensed Matter, 2007, 398, 430-433.	2.7	2
72	Symmetry breaking and physical properties of the bosonic single-impurity Anderson model. European Physical Journal B, 2012, 85, 1.	1.5	2

#	ARTICLE	IF	CITATIONS
73	Mechanism for Enhanced Disordered Screening in Strongly Correlated Metals: Local vs. Nonlocal Effects. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1399-1402.	1.8	2
74	Non-Gaussian Spatial Correlations Dramatically Weaken Localization. <i>Physical Review Letters</i> , 2015, 114, 056401.	7.8	2
75	Unusually thick metal-insulator domain walls around the Mott point. <i>Physical Review B</i> , 2021, 104, .	3.2	2
76	Instabilities of the Abrikosov-Suhl resonance. <i>Physica B: Condensed Matter</i> , 1994, 199-200, 197-201.	2.7	1
77	Three-body bound states and the development of odd-frequency pairing. <i>Physica B: Condensed Matter</i> , 1996, 223-224, 40-43.	2.7	1
78	An RKKY-induced dimerized phase of the Kondo lattice model. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 179-180.	1.2	1
79	Ground-state properties of the disordered spin-1 Bose-Hubbard model: A stochastic mean-field theory study. <i>Physical Review B</i> , 2012, 85, .	3.2	1
80	Possible relevance of odd frequency pairing to heavy fermion superconductivity. <i>Physica B: Condensed Matter</i> , 1995, 206-207, 628-630.	2.7	0
81	Mixed valence and small moment magnetism. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996, 217, 176-180.	2.1	0
82	Nonuniform phases in metals with local moments. <i>Physical Review B</i> , 2004, 70, .	3.2	0
83	Ground state phases of the two-leg Kondo ladder. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 102-104.	2.7	0
84	When silicon is like a cuprate. <i>Nature Physics</i> , 2021, 17, 554-555.	16.7	0