

# Mucio A Continentino

## List of Publications by Year in descending order

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251  
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3,541  
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47  
g-index

257  
all docs

257  
docs citations

257  
times ranked

1670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Universal behavior in heavy fermions. Physical Review B, 1993, 47, 11587-11590.	3.2	114
2	Quantum scaling in many-body systems. Physics Reports, 1994, 239, 179-213.	25.6	92
3	Electron-magnon interaction in RNiBC (R=Er, Ho, Dy, Tb, and Gd) series of compounds based on magnetoresistance measurements. Physical Review B, 1999, 60, 6781-6789.	3.2	90
4	Critical approach to the coherence transition in Kondo lattices. Physical Review B, 1989, 39, 9734-9737.	3.2	81
5	Abrupt field-induced transition triggered by magnetocaloric effect in phase-separated manganites. Physical Review B, 2004, 69, .	3.2	76
6	Anisotropic quantum critical behavior in CeCoGe $3\hat{x}$ Si $6$ . Physical Review B, 2001, 64, .	3.2	72
7	Structural Transition and Pair Formation in Fe $3$ O $2$ BO $3$ . Physical Review Letters, 2001, 87, 147201.	7.8	69
8	Pressure study of the paraconductivity of high T $c$ superconductors. Solid State Communications, 1991, 80, 197-199.	1.9	68
9	Cation-mediated interaction and weak ferromagnetism in Fe $3$ O $2$ BO $3$ . Physical Review B, 1999, 60, 6617-6622.	3.2	64
10	Experimental observation of quantum entanglement in low-dimensional spin systems. Physical Review B, 2007, 75, .	3.2	59
11	Structure and magnetism of homometallic ludwigites: $\text{Co}_3\text{F}_2$ . Physical Review B, 2008, 77, .	3.2	54
12	The two-dimensional Heisenberg ferromagnet as an approach to adsorbed $^3\text{He}$ magnetism. Journal of Physics Condensed Matter, 1990, 2, 4161-4171.	1.8	48
13	Titanium-III warwickites: A family of one-dimensional disordered magnetic systems. Physical Review B, 1994, 50, 16754-16757.	3.2	46
14	Magnetic interactions in the ludwigite Ni $2$ FeO $2$ BO $3$ . Physical Review B, 1998, 58, 287-292.	3.2	45
15	Partial magnetic ordering and crystal structure of the ludwigites $\text{Co}_2\text{F}_2$ . Physical Review B, 2009, 79, .	3.2	45
16	Dynamic scaling and the field-dependent critical line in a fractal cluster model of spin glasses. Physical Review B, 1986, 33, 3591-3594.	3.2	44
17	Dynamical susceptibility of spin glasses in the fractal cluster model. Physical Review B, 1986, 34, 471-474.	3.2	42
18	Quantum critical behavior in a CePt ferromagnetic Kondo lattice. Physical Review B, 2005, 72, .	3.2	42

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19	Quantum-Critical Spin Dynamics in Quasi-One-Dimensional Antiferromagnets. Physical Review Letters, 2012, 109, 177206.	7.8	42
20	Specific heat of Fe <sub>3</sub> O <sub>2</sub> BO <sub>3</sub> : Evidence for a Wigner glass phase. Physical Review B, 2000, 61, R850-R853.	3.2	39
21	Magnetism and charge ordering in Fe <sub>3</sub> O <sub>2</sub> BO <sub>3</sub> studied by <sup>57</sup> Fe Mössbauer spectroscopy. Physical Review B, 2004, 70, .	3.2	39
22	Thermodynamic properties of Kondo insulators. Physical Review B, 1994, 49, 4432-4437.	3.2	37
23	Random spin-1 quantum chains. Solid State Communications, 1996, 98, 411-416.	1.9	36
24	Mean-field treatment of the hybridization influence on narrow-band superconductivity. Physical Review B, 1992, 45, 2986-2992.	3.2	35
25	Superconducting Quantum Critical Point in $\text{CeCoIn}_5$ . Physical Review Letters, 2010, 105, 126401.	7.8	35
26	Structural and magnetic properties of the oxyborate $\text{Co}_5\text{O}_2$ . Physical Review B, 2010, 81, .	3.2	35
27	Magnetic interactions in the monoclinic ludwigite $\text{Cu}_2\text{FeO}_2\text{BO}_2$ . European Physical Journal B, 1999, 9, 613-618.	1.5	34
28	Phase Diagram of the Random Heisenberg Antiferromagnetic Spin-1 Chain. Physical Review Letters, 2002, 89, 117202.	7.8	33
29	Multicritical behavior in topological phase transitions. Physical Review B, 2019, 100, .	3.2	32
30	Theoretical Investigation of the Spin Exchange Interactions and Magnetic Properties of the Homometallic Ludwigite Fe <sub>3</sub> O <sub>2</sub> BO <sub>3</sub> . Inorganic Chemistry, 2002, 41, 2193-2201.	4.0	31
31	On the zero temperature critical point in heavy fermions. Zeitschrift für Physik B-Condensed Matter, 1996, 101, 197-203.	1.1	30
32	Dimensional crossover in magnetic warwickites. Physical Review B, 1997, 56, 292-299.	3.2	30
33	Magnetism and charge order in the ladder compound $\text{Co}_3\text{O}_2$ . Physical Review B, 2016, 94, .	3.2	30
34	Physical properties of the $\text{Ce}(\text{Ru}_{1-x}\text{Fe}_x)_2\text{Ge}_2$ series. Physical Review B, 1996, 53, 11678-11684.	3.2	29
35	Strongly disordered Heisenberg spin-1 chains: Vanadium warwickites. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1996, 73, 601-609.	0.6	29
36	Nonmagnetic ions enhance magnetic order in the ludwigite $\text{Co}_5\text{O}_2$ . Physical Review B, 2015, 91, .	3.2	29

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37	Specific heat and magnetization studies of Fe <sub>2</sub> OBO <sub>3</sub> , Mn <sub>2</sub> OBO <sub>3</sub> , and MgScOBO <sub>3</sub> . Physical Review B, 2001, 64, .	3.2	28
38	On the apparent spin wave stiffness of amorphous ferromagnets. Journal of Physics F: Metal Physics, 1979, 9, L145-L150.	1.6	27
39	Dynamic theory of ferromagnetic "to" spin-glass transition. Physical Review B, 1983, 27, 4351-4358.	3.2	27
40	Quantum critical point in CeCo(Ge <sub>1-x</sub> Si <sub>x</sub> ) <sub>3</sub> . Physica B: Condensed Matter, 2000, 281-282, 340-342.	2.7	27
41	Spin-3/2 random quantum antiferromagnetic chains. Physical Review B, 2003, 68, .	3.2	27
42	Structure and magnetism of MnMgB <sub>2</sub> O <sub>5</sub> and Mn <sub>2</sub> B <sub>2</sub> O <sub>5</sub> . Physical Review B, 2003, 67, .	3.2	26
43	Ising spin glass in a transverse magnetic field. Physical Review B, 1994, 49, 6404-6407.	3.2	25
44	Thermodynamic quantum critical behavior of the Kondo necklace model. Physical Review B, 2007, 76, .	3.2	25
45	Transverse charge density waves in ladder systems. Physical Review B, 2002, 66, .	3.2	23
46	Quantum first-order phase transitions. Physica A: Statistical Mechanics and Its Applications, 2004, 339, 461-468.	2.6	22
47	Quantum critical point in heavy fermions. Brazilian Journal of Physics, 2005, 35, 197-203.	1.4	22
48	Strongly disordered antiferromagnetic spin-1 chains with random anisotropy. Physical Review B, 1998, 58, 58-61.	3.2	20
49	Quantum phase transition in the three-dimensional anisotropic frustrated Heisenberg antiferromagnetic model. Physical Review B, 2008, 77, .	3.2	20
50	Topological phase transitions. Physica B: Condensed Matter, 2017, 505, A1-A2.	2.7	20
51	The random field Ising model in one and two dimensions: A renormalization group approach. Physica A: Statistical Mechanics and Its Applications, 1990, 162, 458-476.	2.6	19
52	The low temperature contributions to <sup>238</sup> uranium hydride specific heat. Solid State Communications, 1985, 55, 1011-1015.	1.9	18
53	Entanglement entropy in random quantum spin-chains. Physical Review A, 2007, 75, .	2.5	18
54	On the resistivity of amorphous ferromagnets. Journal of Physics F: Metal Physics, 1978, 8, 1187-1200.	1.6	17

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55	Hidden excitations in amorphous ferromagnets. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 1419-1420.	2.3	17
56	Theory of dilute ferromagnets. Journal of Physics C: Solid State Physics, 1983, 16, L71-L75.	1.5	17
57	Bose-Einstein condensation in antiferromagnets close to the saturation field. Physical Review B, 2008, 77, .	3.2	17
58	Critical exponents of the disorder-driven superfluid-insulator transition in one-dimensional Bose-Einstein condensates. Physical Review A, 2011, 84, .	2.5	17
59	Metal-insulator transition in semi-metals and Kondo insulators. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 197, 417-422.	2.1	16
60	The anisotropic Kondo necklace model. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 644-648.	2.6	16
61	Asymmetric superconductivity in metallic systems. Journal of Physics Condensed Matter, 2008, 20, 095216.	1.8	16
62	Casimir amplitudes in topological quantum phase transitions. Physical Review E, 2018, 97, 012107.	2.1	16
63	Universality in heavy fermions. Physical Review B, 1998, 57, 5966-5971.	3.2	15
64	Exact results for the extended Anderson model with Falicov-Kimball interactions. Physical Review B, 2002, 65, .	3.2	15
65	Superconductivity and excitonic state in a two-band model. Physical Review B, 2002, 65, .	3.2	15
66	Ground states of the Falicov-Kimball model with hybridization. Physical Review B, 2004, 69, .	3.2	15
67	Magnetic, electronic, structural, and thermal properties of the $\text{Co}_3\text{O}_2$ ludwigite in the paramagnetic state. Physical Review B, 2019, 100, .	3.2	15
68	On the $\epsilon$ -dependence of the hybridization in two-band superconductors. Journal of Applied Physics, 1993, 73, 6648-6650.	2.5	14
69	Scaling close to a Mott transition in an exactly soluble model. Solid State Communications, 1994, 90, 619-622.	1.9	14
70	Metal-insulator transition in Kondo insulators: A functional-integral approach. Physical Review B, 1998, 57, 6943-6948.	3.2	14
71	Topological states in normal and superconducting p-wave chains. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 3340-3347.	2.1	14
72	Field-induced metamagnetic transitions and two-dimensional excitations in ludwigite $\text{Co}_4\text{Al}_7\text{O}_{16}$ .	3.2	14

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73	Chaotic renormalization approach to electronic systems. <i>Physical Review B</i> , 1984, 29, 2808-2810.	3.2	13
74	Heisenberg ferromagnet with Dzyaloshinsky-Moriya interactions: A real space renormalization group approach. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1991, 85, 307-310.	1.1	13
75	Low-energy excitations in the random magnetic chain system MgTiBO <sub>4</sub> . <i>Physica B: Condensed Matter</i> , 1997, 233, 37-42.	2.7	13
76	Magnetic and transport properties of low-dimensional oxi-borates. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 427-430.	2.3	13
77	Magnetism and charge ordering in Fe <sub>3</sub> O <sub>2</sub> BO <sub>3</sub> ludwigite. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 1079-1080.	2.3	13
78	Studies of electrical resistivity under pressure on superconducting Sn-doped CeCoIn. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 398-400.	2.7	13
79	Current controlled negative differential resistance behavior in Co <sub>2</sub> FeO <sub>2</sub> BO <sub>3</sub> and Fe <sub>3</sub> O <sub>2</sub> BO <sub>3</sub> single crystals. <i>Journal of Physics and Chemistry of Solids</i> , 2016, 90, 65-68.	4.0	13
80	Topological disorder in amorphous semiconductors: a real-space renormalisation for Husimi cacti alloys. <i>Journal of Physics C: Solid State Physics</i> , 1984, 17, 4101-4109.	1.5	12
81	Relaxation and internal topology of magnetic alloys. <i>Solid State Communications</i> , 1985, 55, 609-610.	1.9	12
82	Scaling Theory of the Metal-Insulator Transition in the Highly Correlated Electron Gas. <i>Europhysics Letters</i> , 1989, 9, 77-82.	2.0	12
83	Anomaly close to an electronic topological semimetal-insulator transition in elemental fcc-Yb under pressure. <i>Journal of Applied Physics</i> , 2013, 114, 143711.	2.5	12
84	Renormalization group approach to a p-wave superconducting model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 1561-1565.	2.1	12
85	Structural relaxation in ferromagnetic glasses. <i>Journal of Physics C: Solid State Physics</i> , 1981, 14, 3527-3539.	1.5	11
86	Two-dimensional ferromagnetism in metallic films. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 3131-3134.	1.8	11
87	Charging effects and quantum crossover in granular superconductors. <i>Physical Review B</i> , 1993, 48, 15977-15982.	3.2	11
88	Short-range antiferromagnetic correlations in Kondo insulators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 264, 497-504.	2.1	11
89	Role of disorder on the quantum critical point of a model for heavy fermions. <i>Physical Review B</i> , 2001, 64, .	3.2	11
90	Phase diagram of the heavy fermion system $\text{Yb}_{1-x}\text{Fe}_x\text{Ge}_2$ under pressure. <i>Physical Review B</i> , 2006, 74, .	3.2	11

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91	Pressure induced FFLO instability in multi-band superconductors. Journal of Physics Condensed Matter, 2009, 21, 095603.	1.8	11
92	Pressure induced superconductor quantum critical point in multi-band systems. Journal of Magnetism and Magnetic Materials, 2009, 321, 3466-3471.	2.3	11
93	Topological transitions in multi-band superconductors. Annals of Physics, 2014, 348, 1-14.	2.8	11
94	A two-band model for p-wave superconductivity. Annals of Physics, 2017, 384, 211-224.	2.8	11
95	Dynamics of a random ferromagnet with long-range interactions. Journal of Physics C: Solid State Physics, 1977, 10, 3613-3619.	1.5	10
96	Spin wave spectrum of amorphous ferromagnets. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 793-795.	0.9	10
97	Echoes in glasses. Physical Review B, 1980, 22, 6127-6134.	3.2	10
98	Site-diluted antiferromagnet in a uniform field. Physica A: Statistical Mechanics and Its Applications, 1988, 152, 477-493.	2.6	10
99	Hybridization effect on superconductivity in transition metals. Physica B: Condensed Matter, 1991, 171, 98-101.	2.7	10
100	Twisted boundary conditions and effective mass close to a Mott transition. Physical Review B, 1992, 45, 11312-11313.	3.2	10
101	Scaling theory for the quantum spin-glass transition. Physical Review B, 1994, 50, 13528-13532.	3.2	10
102	Low-temperature properties and ESR in the quasi-one-dimensional random compound MnMgB <sub>2</sub> O <sub>5</sub> . Physical Review B, 2004, 69, .	3.2	10
103	Quantum corrections to the phase diagram of heavy-fermion superconductors. Physical Review B, 2004, 70, .	3.2	10
104	Thermodynamic quantum critical behavior of the anisotropic Kondo necklace model. Journal of Magnetism and Magnetic Materials, 2009, 321, 348-353.	2.3	10
105	Planar magnetic interactions in the hulsite-type oxyborate Co <sub>5.52</sub> Sb <sub>0.48</sub> (O <sub>2</sub> BO <sub>3</sub> ) <sub>2</sub> . Physical Review B, 2010, 81, .	3.2	10
106	Magnetic resonance in gold-iron alloys near the percolation limit. Physical Review B, 1986, 33, 7474-7480.	3.2	9
107	Metal-Insulator Transition in Ytterbium Under Pressure: an EPR Study. Europhysics Letters, 1995, 31, 485-490.	2.0	9
108	Magnetoresistance in CeTGe <sub>3</sub> (T=Fe, Co). Physica B: Condensed Matter, 1999, 259-261, 118-120.	2.7	9

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109	Quantum effects on the competition between antiferromagnetism and superconductivity in heavy-fermion systems. <i>Solid State Communications</i> , 2004, 130, 321-325.	1.9	9
110	Dimensional crossover in anisotropic Kondo lattices. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 406203.	1.8	9
111	First-order quantum phase transitions. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 828-834.	2.3	9
112	The renormalisation of probability distributions in the random field problem. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 5277-5282.	1.8	8
113	Mass enhancement close to a Mott transition. <i>Physical Review B</i> , 1991, 43, 6292-6294.	3.2	8
114	Dilute antiferromagnetism and random fields in two-dimensional Ising systems. <i>Physical Review B</i> , 1991, 44, 11767-11772.	3.2	8
115	Two-band model for Kondo insulators: Thermodynamic and scaling properties. <i>Journal of Applied Physics</i> , 1994, 75, 6734-6736.	2.5	8
116	Magnetoresistance of the compound CeRu <sub>2</sub> Ge <sub>2</sub> . <i>Physica B: Condensed Matter</i> , 1999, 270, 255-261.	2.7	8
117	Magnetic behaviour of ludwigites. <i>Physica B: Condensed Matter</i> , 2000, 281-282, 694-695.	2.7	8
118	Temperature-dependent Raman scattering study of Fe <sub>3</sub> O <sub>2</sub> BO <sub>3</sub> ludwigite. <i>Journal of Raman Spectroscopy</i> , 2002, 33, 1-5.	2.5	8
119	Universal behaviour at discontinuous quantum phase transitions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2005, 2005, P05005.	2.3	8
120	Transport properties of the transverse charge-density-wave system Fe <sub>3</sub> O <sub>2</sub> BO <sub>3</sub> . <i>Physical Review B</i> , 2005, 72, .	3.2	8
121	Electron density distribution in the pyroborate Mn <sub>2</sub> B <sub>2</sub> O <sub>5</sub> studied by the maximum-entropy method. <i>Physical Review B</i> , 2005, 71, .	3.2	8
122	First and second order quantum phase transitions in multi-band superconductors. <i>Physica B: Condensed Matter</i> , 2009, 404, 2920-2923.	2.7	8
123	Crossover from weak to strong coupling superconductivity in multi-band systems. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 075701.	1.8	8
124	Quantum normal-to-inhomogeneous superconductor phase transition in nearly two-dimensional metals. <i>Physical Review B</i> , 2012, 86, .	3.2	8
125	Mechanism for enhancement of superconductivity in multi-band systems with odd parity hybridization. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P07015.	2.3	8
126	Induced $\langle m_m \rangle$ $\text{altimg}=\text{si15.gif}$ $\text{display}=\text{inline}$ $\text{overflow}=\text{scroll}$ $\text{xmlns:xocs}=\text{"http://www.elsevier.com/xml/xocs/dtd"}$ $\text{xmlns:xs}=\text{"http://www.w3.org/2001/XMLSchema"}$ $\text{xmlns:xsi}=\text{"http://www.w3.org/2001/XMLSchema-instance"}$ $\text{xmlns}=\text{"http://www.elsevier.com/xml/ja/dtd"}$ $\text{xmlns:ja}=\text{"http://www.elsevier.com/xml/ja/dtd"}$ $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}$ $\text{xmlns:tb}=\text{"http://www.elsevier.com/xml/common/table/dtd"}$ $\text{xmlns:sb}=\text{"http://www.elsevier.com/xml/common/struct-bib/dtd"}$ $\text{xmlns:ce}=\text{"http://www.elsevier.com/x"}$	2.8	8



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127	s- and d-wave superconductivity in a two-band model. <i>Annals of Physics</i> , 2016, 373, 257-272.	2.8	8
128	Breakdown of the perturbative renormalization group for $S=1$ random antiferromagnetic spin chains. <i>Physical Review B</i> , 2001, 63, .	3.2	7
129	Intergranular pinning potential and critical current in the magnetic superconductor $\text{RuSr}_2\text{Gd}_{1.5}\text{Ce}_{0.5}\text{Cu}_2\text{O}_{10}$ . <i>Physical Review B</i> , 2005, 71, .	3.2	7
130	Interplay of Quantum and Classical Fluctuations Near Quantum Critical Points. <i>Brazilian Journal of Physics</i> , 2011, 41, 201-211.	1.4	7
131	Nesting and lifetime effects in the FFLO state of quasi-one-dimensional imbalanced Fermi gases. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 155301.	1.5	7
132	Influence of induced interactions on superfluid properties of quasi-two-dimensional dilute Fermi gases with spin-orbit coupling. <i>Physical Review A</i> , 2013, 88, .	2.5	7
133	Magnetic frustration in low-dimensional substructures of the site $\text{Ni}_{5.15}\text{Sn}_{0.85}(\text{O}_2\text{BO}_3)_2$ . <i>Physical Review B</i> , 2018, 98, .	3.2	7
134	Quantum annealed criticality: A scaling description. <i>Physical Review Research</i> , 2020, 2, .	3.6	7
135	Magnetic Excitations in Amorphous Ferromagnets. <i>Physica Status Solidi (B): Basic Research</i> , 1979, 93, 721-733.	1.5	6
136	Superconductivity in two-band systems: application to transition metals and high $T_c$ materials. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1945-1946.	2.3	6
137	Effect of pressure on the resistivity of the $\text{Ce}(\text{Ru}_{1-x}\text{Fe}_x)_2\text{Ge}_2$ series. <i>Physica B: Condensed Matter</i> , 1996, 217, 111-117.	2.7	6
138	Quantum phase transition in the random antiferromagnetic spin-1 chain. <i>Physical Review B</i> , 2000, 62, 5541-5545.	3.2	6
139	Phase diagram of $\text{Ce}(\text{Co}_{1-x}\text{Fe}_x)\text{Ge}_3$ : from complex magnetic ordering to a non-magnetic Fermi liquid. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 152-154.	2.3	6
140	Electron paramagnetic resonance in $\text{Fe}_3\text{O}_2\text{BO}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 468-469.	2.3	6
141	Pomeranchuk effect in unstable materials based on $\text{YbInCu}_4$ . <i>Physical Review B</i> , 2004, 69, .	3.2	6
142	Phase diagram of the Kondo necklace model at finite temperatures. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 714-716.	2.7	6
143	Quantum criticality in inter-band superconductors. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 485701.	1.8	6
144	Adiabatic charge and spin pumping through interacting quantum dots. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 356001.	1.8	6

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145	Experimental consequences of quantum critical points at high temperatures. Physical Review B, 2015, 92, .	3.2	6
146	Scaling in heavy fermions: the case of CeRu <sub>2</sub> Si <sub>2</sub> . Journal De Physique, I, 1991, 1, 693-701.	1.2	6
147	Spin-glass behavior in $\text{CoMn}_3$ with weak disorder. Physical Review Materials, 2020, 4, .	2.4	6
148	Structural and spectroscopic investigation of the charge-ordered, short-range ordered, and disordered phases of the $\text{CoMn}_3$ ludwigite.	3.2	6
149	Acoustic properties of glasses at low temperatures and low frequencies. Solid State Communications, 1981, 40, 781-783.	1.9	5
150	Amplitude relations near a zero temperature transition. Solid State Communications, 1990, 75, 89-90.	1.9	5
151	Electron paramagnetic resonance study of the warwickites $\text{Mg}_{1+x}\text{Ti}_x\text{BO}_4$ . Solid State Communications, 1998, 106, 35-38.	1.9	5
152	Magnetic-field-driven metal-insulator transition in Kondo insulators. Physical Review B, 1999, 60, 1444-1447.	3.2	5
153	Phase diagram of the Kondo necklace: a mean-field renormalization group approach. Journal of Physics A, 2001, 34, 10829-10837.	1.6	5
154	Solid state Pomeranchuk effect. Physica B: Condensed Matter, 2005, 359-361, 744-746.	2.7	5
155	Bose-Einstein condensation and entanglement in magnetic systems. Journal of Physics Condensed Matter, 2006, 18, 8395-8401.	1.8	5
156	Applying experimental constraints to a one-dimensional model for BiS <sub>2</sub> superconductivity. Solid State Communications, 2016, 244, 57-63.	1.9	5
157	Multiband superconductivity in BiS <sub>2</sub> -based layered compounds. Journal of Physics Condensed Matter, 2017, 29, 305601.	1.8	5
158	Kramers doublet ground state in topological Kondo insulators. Physical Review B, 2019, 99, .	3.2	5
159	Dimensional crossover in Cr-doped $\text{CoMn}_3$ Physical Review B, 2020, 102, .	3.2	5
160	Magnetic resonance in $\text{EuSr}_{1-x}\text{S}$ : evidence for a critical field in spin glasses. European Physical Journal B, 1988, 72, 471-475.	1.5	4
161	Metal-insulator transition in the presence of excitonic correlation. Journal of Applied Physics, 1996, 79, 6345.	2.5	4
162	Mean-field renormalization-group approach to the boson Hubbard model. Physical Review B, 2002, 66, .	3.2	4

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163	Local criticality close to a quantum Lifshitz point. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 231-233.	2.3	4
164	Transport properties and spin-wave instabilities in heavy fermions. Physical Review B, 2006, 73, .	3.2	4
165	Interior gap superconductivity in heavy fermions. Physica B: Condensed Matter, 2008, 403, 764-765.	2.7	4
166	Coexistence of superfluid and metallic-like state in two-component fermionic systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 599-604.	2.1	4
167	Fermi points and topological quantum phase transitions in a multi-band superconductor. Journal of Physics Condensed Matter, 2015, 27, 422002.	1.8	4
168	Non-linear conduction due to depinning of charge order domains in $\text{Fe}_3\text{O}_2\text{BO}_3$ . Journal of Physics Condensed Matter, 2017, 29, 205401.	1.8	4
169	Quantum corrections for the phase diagram of systems with competing order. Journal of Physics Condensed Matter, 2018, 30, 225402.	1.8	4
170	Influence of the symmetry of hybridization on the critical temperature of multiband superconductors. Physical Review B, 2019, 99, .	3.2	4
171	Finite temperature effects in quantum systems with competing scalar orders. Journal of Physics Condensed Matter, 2020, 32, 415601.	1.8	4
172	Magnetic properties of $\text{Ni}_5\text{Sn}(\text{O}_2\text{BO}_3)_2$ ludwigite. Physical Review B, 2021, 103, .	3.2	4
173	On the thermal conductivity of glasses. Solid State Communications, 1979, 32, 1193-1195.	1.9	3
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