

Amnon Aharony

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anomalous Diffusion on Percolating Clusters. Physical Review Letters, 1983, 50, 77-80.	2.9	985
2	Magnetic phase diagram and magnetic pairing in doped La_2CuO_4 . Physical Review Letters, 1988, 60, 1330-1333.	2.9	656
3	Random field effects in disordered anisotropic antiferromagnets. Journal of Physics C: Solid State Physics, 1979, 12, L729-L733.	1.5	558
4	Magnetic excitations in pure, lightly doped, and weakly metallic La_2CuO_4 . Physical Review B, 1992, 46, 14034-14053.	1.1	557
5	Antisymmetric exchange and its influence on the magnetic structure and conductivity of La_2CuO_4 . Physical Review B, 1988, 38, 905-908.	1.1	444
6	Critical Phenomena on Fractal Lattices. Physical Review Letters, 1980, 45, 855-858.	2.9	408
7	Lowering of Dimensionality in Phase Transitions with Random Fields. Physical Review Letters, 1976, 37, 1364-1367.	2.9	401
8	Tricritical points in systems with random fields. Physical Review B, 1978, 18, 3318-3327.	1.1	377
9	Solvable Fractal Family, and Its Possible Relation to the Backbone at Percolation. Physical Review Letters, 1981, 47, 1771-1774.	2.9	364
10	Moriya's anisotropic superexchange interaction, frustration, and Dzyaloshinsky's weak ferromagnetism. Physical Review Letters, 1992, 69, 836-839.	2.9	296
11	Critical Behavior of Magnets with Dipolar Interactions. I. Renormalization Group near Four Dimensions. Physical Review B, 1973, 8, 3323-3341.	1.1	288
12	Two-scale-factor universality and the renormalization group. Physical Review B, 1976, 13, 2986-2996.	1.1	270
13	Geometric Implementation of Hypercubic Lattices with Noninteger Dimensionality by Use of Low Lacunarity Fractal Lattices. Physical Review Letters, 1983, 50, 145-148.	2.9	227
14	Critical Behavior of Magnets with Dipolar Interactions. V. Uniaxial Magnets in d Dimensions. Physical Review B, 1973, 8, 3363-3370.	1.1	218
15	Coupled order parameters, symmetry-breaking irrelevant scaling fields, and tetracritical points. Physical Review B, 1975, 11, 478-499.	1.1	217
16	Critical Behavior of Anisotropic Cubic Systems. Physical Review B, 1973, 8, 4270-4273.	1.1	207
17	Absence of Self-Averaging and Universal Fluctuations in Random Systems near Critical Points. Physical Review Letters, 1996, 77, 3700-3703.	2.9	201
18	Universal relations among thermodynamic critical amplitudes. Physical Review B, 1976, 13, 3081-3090.	1.1	185

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19	Critical behavior of amorphous magnets. Physical Review B, 1975, 12, 1038-1048.	1.1	184
20	Orientational and positional order in a tilted hexatic liquid-crystal phase. Physical Review Letters, 1986, 57, 98-101.	2.9	184
21	Three-terminal thermoelectric transport through a molecular junction. Physical Review B, 2010, 82, .	1.1	175
22	Low-temperature scaling for systems with random fields and anisotropies. Physical Review B, 1983, 27, 5872-5874.	1.1	161
23	Dipolar Interactions at Ferromagnetic Critical Points. Physical Review Letters, 1973, 30, 559-562.	2.9	158
24	Néel transition and sublattice magnetization of pure and doped La ₂ CuO ₄ . Physical Review B, 1992, 45, 7430-7435.	1.1	155
25	Spin-Glass Behavior in La _{1.96} Sr _{0.04} CuO ₄ . Physical Review Letters, 1995, 75, 2204-2207.	2.9	152
26	Polycritical Points and Floppy Displacive Transitions in Perovskites. Physical Review Letters, 1974, 33, 427-430.	2.9	151
27	Dynamics of Invasion Percolation. Physical Review Letters, 1988, 61, 2117-2120.	2.9	151
28	Competing Magnetic Phases on a Kagomé Staircase. Physical Review Letters, 2004, 93, 247201.	2.9	151
29	Nonlinear scaling fields and corrections to scaling near criticality. Physical Review B, 1983, 27, 4394-4400.	1.1	144
30	Gravity invasion percolation in two dimensions: Experiment and simulation. Physical Review Letters, 1991, 67, 584-587.	2.9	140
31	Anisotropic spin Hamiltonians due to spin-orbit and Coulomb exchange interactions. Physical Review B, 1995, 52, 10239-10267.	1.1	135
32	Universal Ratios Among Correction-to-Scaling Amplitudes and Effective Critical Exponents. Physical Review Letters, 1980, 44, 782-785.	2.9	128
33	Phase diagrams and multicritical points in randomly mixed magnets. I. Mixed anisotropies. Physical Review B, 1978, 18, 3507-3520.	1.1	121
34	Critical exponents of ferromagnets with dipolar interactions: Second-order ϵ -expansion. Physical Review B, 1974, 10, 2078-2087.	1.1	119
35	Theory of Chirality Induced Spin Selectivity: Progress and Challenges. Advanced Materials, 2022, 34, e2106629.	11.1	119
36	Decoupled Tetracritical Points in Quenched Random Alloys with Competing Anisotropies. Physical Review Letters, 1976, 37, 1587-1590.	2.9	117

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37	Scattering of fractons, the Ioffe-Regel criterion, and the $(4/3)$ conjecture. Physical Review Letters, 1987, 58, 132-135.	2.9	116
38	Spin-flop multicritical points in systems with random fields and in spin glasses. Physical Review B, 1978, 18, 3328-3336.	1.1	115
39	Breakdown of multifractal behavior in diffusion-limited aggregates. Physical Review Letters, 1989, 62, 2977-2980.	2.9	114
40	Scaling approach to phonon-fracton crossover. Physical Review B, 1985, 31, 2565-2567.	1.1	113
41	Field dependence of magnetic ordering in Kagomé-staircase compound $\text{Ni}_3\text{V}_2\text{O}_8$. Physical Review B, 2006, 74, .	1.1	113
42	Universal crossover in variable range hopping with Coulomb interactions. Physical Review Letters, 1992, 68, 3900-3903.	2.9	112
43	Series study of percolation moments in general dimension. Physical Review B, 1990, 41, 9183-9206.	1.1	111
44	Bond-dependent symmetric and antisymmetric superexchange interactions in La_2CuO_4 . Physical Review B, 1993, 47, 174-182.	1.1	111
45	Anomalous Diffusion, Superlocalization and Hopping Conductivity on Fractal Media. Europhysics Letters, 1987, 4, 1355-1360.	0.7	108
46	New singularities in the critical behavior of random Ising models at marginal dimensionalities. Physical Review B, 1976, 13, 2092-2098.	1.1	107
47	Spin-dependent transport through a chiral molecule in the presence of spin-orbit interaction and nonunitary effects. Physical Review B, 2016, 93, .	1.1	107
48	Trigonal-to-Tetragonal Transition in Stressed SrTiO_3 : A Realization of the Three-State Potts Model. Physical Review Letters, 1977, 38, 33-36.	2.9	106
49	Scaling and universality in the spanning probability for percolation. Physical Review E, 1996, 53, 235-253.	0.8	100
50	Universal critical amplitude ratios for percolation. Physical Review B, 1980, 22, 400-414.	1.1	99
51	Efficient Hopfield pattern recognition on a scale-free neural network. European Physical Journal B, 2003, 32, 395-399.	0.6	98
52	Single-ion anisotropy, crystal-field effects, spin reorientation transitions, and spin waves in R_2CuO_4 ($\text{R}=\text{Nd}, \text{Pr}, \text{and Sm}$). Physical Review B, 1997, 56, 260-286.	1.1	97
53	Scaling function for two-point correlations. I. Expansion near four dimensions. Physical Review B, 1974, 10, 2818-2833.	1.1	94
54	Localization and Quantum Percolation. Physical Review Letters, 1982, 49, 486-489.	2.9	94

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55	Towards a microscopic model of magnetoelectric interactions in Ni ₃ V ₂ O ₈ . Physical Review B, 2006, 73, .	1.1	91
56	Phase measurement in the mesoscopic Aharonov-Bohm interferometer. Physical Review B, 2002, 66, .	1.1	88
57	Scaling Function for Critical Scattering. Physical Review Letters, 1973, 31, 1238-1241.	2.9	85
58	Possible Breakdown of the Alexander-Orbach Rule at Low Dimensionalities. Physical Review Letters, 1984, 52, 2368-2370.	2.9	85
59	Absence of ferromagnetic long range order in random isotropic dipolar magnets and in similar systems. Solid State Communications, 1978, 28, 667-670.	0.9	83
60	Lifshitz-Point Critical and Tricritical Behavior in Anisotropically Stressed Perovskites. Physical Review Letters, 1979, 42, 462-465.	2.9	83
61	Path-Crossing Exponents and the External Perimeter in 2D Percolation. Physical Review Letters, 1999, 83, 1359-1362.	2.9	83
62	Applicability of the equations-of-motion technique for quantum dots. Physical Review B, 2006, 73, .	1.1	83
63	Universality in Analytic Corrections to Scaling for Planar Ising Models. Physical Review Letters, 1980, 45, 679-682.	2.9	79
64	Resistance fluctuations in randomly diluted networks. Physical Review B, 1987, 35, 3524-3535.	1.1	79
65	Critical Behavior of Magnets with Dipolar Interactions. III. Antiferromagnets. Physical Review B, 1973, 8, 3349-3357.	1.1	77
66	Coupling to anisotropic elastic media: Magnetic and liquid-crystal phase transitions. Physical Review B, 1976, 13, 2176-2185.	1.1	77
67	Exact Relations among Amplitudes at Critical Points of Marginal Dimensionality. Physical Review Letters, 1975, 35, 1308-1310.	2.9	73
68	Evidence for two exponent scaling in the random field Ising model. Physical Review Letters, 1993, 71, 1569-1572.	2.9	70
69	Critical Disordered Systems with Constraints and the Inequality $\nu > 2/d$. Physical Review Letters, 1998, 81, 252-255.	2.9	70
70	Broken Unitarity and Phase Measurements in Aharonov-Bohm Interferometers. Physical Review Letters, 2002, 88, 166801.	2.9	66
71	Unified description of phase lapses, population inversion, and correlation-induced resonances in double quantum dots. Physical Review B, 2007, 75, .	1.1	66
72	Comments on the critical behavior of random systems. Physical Review B, 1976, 13, 466-473.	1.1	63

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73	Low-concentration series in general dimension. Journal of Statistical Physics, 1990, 58, 511-538.	0.5	63
74	Ordering due to Quantum Fluctuations in Sr ₂ Cu ₃ O ₄ Cl ₂ . Physical Review Letters, 1999, 83, 852-855.	2.9	63
75	Weak Ferromagnetism and Tricriticality in Pure La ₂ CuO ₄ . Physical Review Letters, 1994, 73, 894-897.	2.9	62
76	Ferromagnetic Moment and Spin Rotation Transitions in Tetragonal Antiferromagnetic Sr ₂ Cu ₃ O ₄ Cl ₂ . Physical Review Letters, 1997, 78, 535-538.	2.9	62
77	Crossover of Fractal Dimension in Diffusion-Limited Aggregates. Physical Review Letters, 1983, 51, 1394-1394.	2.9	61
78	Crossover from linear to nonlinear resistance near percolation. Physical Review Letters, 1987, 58, 2726-2726.	2.9	61
79	Critical Behavior of Magnets with Dipolar Interactions. II. Feynman-Graph Expansion for Ferromagnets near Four Dimensions. Physical Review B, 1973, 8, 3342-3348.	1.1	60
80	Hexatic ordering in liquid crystal films. Contemporary Physics, 1989, 30, 321-335.	0.8	60
81	Anisotropic superexchange for nearest and next-nearest coppers in chain, ladder, and lamellar cuprates. Physical Review B, 1999, 60, 10206-10215.	1.1	60
82	Viscous fingering on percolation clusters. Nature, 1987, 329, 32-37.	13.7	59
83	Phase diagrams and multicritical points in randomly mixed magnets. II. Ferromagnet-antiferromagnet alloys. Physical Review B, 1979, 19, 3776-3787.	1.1	58
84	Series analysis of randomly diluted nonlinear resistor networks. Physical Review B, 1986, 34, 3424-3428.	1.1	57
85	Full-counting statistics for molecular junctions: Fluctuation theorem and singularities. Physical Review B, 2013, 87, .	1.1	56
86	Phase diagrams and multicritical points in randomly mixed magnets. III. Competing spin-glass and magnetic ordering. Physical Review B, 1980, 21, 280-295.	1.1	55
87	Series expansions for the Ising spin glass in general dimension. Physical Review B, 1991, 43, 11249-11273.	1.1	54
88	Critical properties of a simple soluble spin glass model. Solid State Communications, 1976, 20, 899-903.	0.9	53
89	Critical phenomena in disordered systems. Journal of Magnetism and Magnetic Materials, 1978, 7, 198-206.	1.0	53
90	Delocalization Transition in Two-Dimensional Quantum Percolation. Europhysics Letters, 1989, 10, 275-278.	0.7	53

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91	Critical behavior of the random-field Ising model. <i>Physical Review B</i> , 1996, 53, 6362-6384.	1.1	53
92	Enhanced performance of joint cooling and energy production. <i>Physical Review B</i> , 2015, 91, .	1.1	53
93	First-order transitions in anisotropic magnets with random fields and random uniaxial anisotropies. <i>Physical Review B</i> , 1985, 32, 264-276.	1.1	51
94	The mobility edge as a spin-glass problem. <i>Journal of Physics C: Solid State Physics</i> , 1977, 10, L487-L492.	1.5	50
95	Critical Behavior of Magnets with Lattice Coupling. <i>Physical Review B</i> , 1973, 8, 4314-4317.	1.1	49
96	Viscous Fingers and Diffusion-Limited Aggregates near Percolation. <i>Physical Review Letters</i> , 1986, 57, 1875-1878.	2.9	49
97	Filtering and analyzing mobile qubit information via Rashbaâ€Dresselhausâ€Aharonovâ€Bohm interferometers. <i>Physical Review B</i> , 2011, 84, .	1.1	49
98	Percolation with long-range interactions. <i>Journal of Physics C: Solid State Physics</i> , 1981, 14, 1665-1670.	1.5	47
99	Vibrational excitations in percolation: Localization and multifractality. <i>Physical Review Letters</i> , 1992, 69, 3189-3192.	2.9	47
100	Critical Behavior of Anisotropic Cubic Systems in the Limit of Infinite Spin Dimensionality. <i>Physical Review Letters</i> , 1973, 31, 1494-1497.	2.9	46
101	Symmetry, Spin-Orbit Interactions, and Spin Anisotropies. <i>Physical Review Letters</i> , 1994, 73, 2919-2922.	2.9	46
102	Crossover from Random Exchange to Random Field Critical Behaviour. <i>Europhysics Letters</i> , 1986, 1, 617-621.	0.7	45
103	Flory approximant for self-avoiding walks on fractals. <i>Journal of Statistical Physics</i> , 1989, 54, 1091-1097.	0.5	45
104	Kondo effect in complex mesoscopic structures. <i>Physical Review B</i> , 2005, 71, .	1.1	45
105	Tetracritical Points in Mixed Magnetic Crystals. <i>Physical Review Letters</i> , 1975, 34, 590-593.	2.9	44
106	Spin structures of tetragonal lamellar copper oxides. <i>Physical Review Letters</i> , 1994, 72, 3710-3713.	2.9	44
107	Voltage-induced singularities in transport through molecular junctions. <i>Physical Review B</i> , 2009, 80, .	1.1	44
108	A new multicritical point in anisotropic magnets. I. Ferromagnet in a random longitudinal field. <i>Journal of Physics C: Solid State Physics</i> , 1980, 13, 1065-1081.	1.5	43

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109	Measuring the Transmission Phase of a Quantum Dot in a Closed Interferometer. Physical Review Letters, 2003, 90, 156802.	2.9	43
110	Spin filtering by a periodic spintronic device. Physical Review B, 2008, 78, .	1.1	43
111	Efficiency bounds on thermoelectric transport in magnetic fields: The role of inelastic processes. Physical Review B, 2016, 94, .	1.1	43
112	Crossover from Fluctuation-Driven Continuous Transitions to First-Order Transitions. Physical Review Letters, 1981, 47, 439-442.	2.9	42
113	Magnetic structure of the Jahn-Teller system LaTiO ₃ . Physical Review B, 2005, 71, .	1.1	42
114	On the calculation of critical exponents by renormalisation group techniques. Journal of Physics C: Solid State Physics, 1974, 7, 3673-3685.	1.5	41
115	Potts models in random fields. Physical Review B, 1984, 29, 1263-1267.	1.1	41
116	Critical Behavior of Magnets with Dipolar Interactions. IV. Anisotropy. Physical Review B, 1973, 8, 3358-3362.	1.1	39
117	Measuring multifractals. Physica D: Nonlinear Phenomena, 1989, 38, 1-4.	1.3	39
118	Comment on "Bicritical and Tetracritical Phenomena and Scaling Properties of the SO(5) Theory". Physical Review Letters, 2002, 88, 059703.	2.9	39
119	Noise spectra of a biased quantum dot. Physical Review B, 2009, 79, .	1.1	39
120	Comment on "Spanning probability in 2D percolation". Physical Review Letters, 1994, 72, 1941-1941.2.9	2.9	38
121	Two-scale-factor universality and the μ -expansion. Physical Review B, 1974, 9, 2107-2109.	1.1	37
122	Critical properties of random and constrained dipolar magnets. Physical Review B, 1975, 12, 1049-1056.	1.1	37
123	Superlocalization, correlations and random walks on fractals. Physica A: Statistical Mechanics and Its Applications, 1990, 163, 38-46.	1.2	37
124	Old and New Results on Multicritical Points. Journal of Statistical Physics, 2003, 110, 659-669.	0.5	37
125	Low-temperature phase diagram and critical properties of a dilute spin glass. Journal of Physics C: Solid State Physics, 1978, 11, L457-L463.	1.5	36
126	First- and second-order transitions in the Potts model near four dimensions. Physical Review B, 1981, 23, 362-367.	1.1	36

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127	Dimensionality shift by three due to random fields in quantum spin systems. Journal of Physics C: Solid State Physics, 1982, 15, 673-679.	1.5	36
128	Multifractals in physics: Successes, dangers and challenges. Physica A: Statistical Mechanics and Its Applications, 1990, 168, 479-489.	1.2	36
129	Dipolar ordering in Fe ₈ . Europhysics Letters, 2001, 55, 273-279.	0.7	36
130	The Fano Effect in Aharonov-Bohm Interferometers. Journal of Low Temperature Physics, 2002, 126, 1251-1273.	0.6	36
131	Magnetism and magnetic fluctuations in La _{1-x} Sr _x CuO ₄ for x = 0 (2D antiferromagnet), 0.04 (3D spin) Tj ETQq1, 1.9, 0.784314 rgBT / 0v	1.9	34
132	Spin selectivity through time-reversal symmetric helical junctions. Physical Review B, 2020, 102, .	1.1	34
133	Magnetic correlations on fractals. Journal of Statistical Physics, 1984, 36, 795-805.	0.5	33
134	Series and Monte Carlo study of high-dimensional Ising models. Journal of Statistical Physics, 1993, 71, 1221-1230.	0.5	32
135	Critical behavior of uniaxial ferromagnetics with dipolar interactions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1973, 44, 313-314.	0.9	31
136	Equation of state and scaling relations for isotropic ferromagnets with dipolar interactions. Physical Review B, 1974, 10, 2973-2979.	1.1	31
137	Structure factor for dilute magnetic systems. Physical Review B, 1985, 31, 350-357.	1.1	31
138	Thermoelectricity near Anderson localization transitions. Physical Review B, 2017, 96, .	1.1	31
139	Critical behavior with axially correlated random bonds. Physical Review B, 1985, 31, 4305-4312.	1.1	29
140	Test of universality in the Ising spin glass using high temperature graph expansion. European Physical Journal B, 2004, 41, 231-254.	0.6	29
141	Steps and dips in the ac conductance and noise of mesoscopic structures. Physical Review B, 2007, 75, . Effect of inversion symmetry on the incommensurate order in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	28
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145	Spin filtering in all-electrical three-terminal interferometers. <i>Physical Review B</i> , 2017, 95, .	1.1	26
146	Dilute spin glasses at zero temperature and the $1/2$ -state Potts model. <i>Journal of Physics C: Solid State Physics</i> , 1979, 12, L125-L128.	1.5	25
147	Effects of symmetry-breaking perturbations on the three-state Potts model. <i>Journal of Physics C: Solid State Physics</i> , 1980, 13, 4635-4648.	1.5	25
148	Percolation, fractals, and anomalous diffusion. <i>Journal of Statistical Physics</i> , 1984, 34, 931-939.	0.5	25
149	Quantum Percolation in Magnetic Fields. <i>Physical Review Letters</i> , 1986, 56, 976-979.	2.9	25
150	Dynamic Transition in a Hierarchical Ising System. <i>Physical Review Letters</i> , 1986, 56, 2229-2232.	2.9	25
151	Effective renormalization group algorithm for transport in oil reservoirs. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1991, 177, 260-266.	1.2	25
152	Localization Length Exponent in Quantum Percolation. <i>Physical Review Letters</i> , 1995, 74, 2094-2097.	2.9	25
153	Fractal geometry of critical Potts clusters. <i>European Physical Journal B</i> , 2003, 34, 479-487.	0.6	25
154	Transport through molecular junctions with a nonequilibrium phonon population. <i>Physical Review B</i> , 2010, 81, .	1.1	25
155	Spin-polarized electric currents in quantum transport through tubular two-dimensional electron gases. <i>Physical Review B</i> , 2010, 81, .	1.1	24
156	Absence of long-range order in systems with random p -fold anisotropies. <i>Journal of Physics C: Solid State Physics</i> , 1981, 14, L841-L843.	1.5	23
157	Rigorous relations for the cross-over behaviour due to random perturbations. <i>Journal of Physics C: Solid State Physics</i> , 1981, 14, L905-L910.	1.5	23
158	Magnetic anisotropies and general on-site Coulomb interactions in the cuprates. <i>Physical Review B</i> , 1996, 53, 11661-11670.	1.1	23
159	Order parameters and phase diagrams of multiferroics. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 434202.	0.7	23
160	Novel Lifshitz tricritical point and critical dynamics. <i>Physical Review B</i> , 1985, 32, 3358-3360.	1.1	22
161	Series study of random animals in general dimensions. <i>Physical Review B</i> , 1988, 38, 4941-4954.	1.1	22
162	Multifractal localization. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1992, 191, 365-378.	1.2	22

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163	An Infinite Number of Effectively Infinite Clusters in Critical Percolation. Journal of Statistical Physics, 1998, 92, 325-330.	0.5	22
164	Transient quantum transport in double-dot Aharonov-Bohm interferometers. Physical Review B, 2012, 86, .	1.1	22
165	Diffraction Patterns from Thin Hexatic Films. Physical Review Letters, 1988, 61, 2855-2858.	2.9	21
166	Crossover scaling from multifractal theory: Dielectric breakdown with cutoffs. Physical Review Letters, 1989, 63, 2005-2009.	2.9	21
167	Was superlocalization observed in carbon-blackâ€“polymer composites?. Physical Review Letters, 1993, 70, 4160-4160.	2.9	21
168	Retrieving qubit information despite decoherence. Physical Review B, 2010, 82, .	1.1	21
169	Rashba Splitting of Cooper Pairs. Physical Review Letters, 2016, 116, 217001.	2.9	21
170	Stability of commensurate phases near the critical temperature: A renormalization-group calculation. Physical Review B, 1981, 23, 4770-4772.	1.1	20
171	Fluctuation-induced tricritical points. Physical Review B, 1983, 28, 386-401.	1.1	20
172	Multicritical phase diagram and random field effects in superconducting bismuthates. Physical Review Letters, 1993, 70, 1874-1877.	2.9	20
173	Weak ferromagnetism in the low-temperature tetragonal phase of the cuprates. Physical Review B, 1996, 53, 775-784.	1.1	20
174	Hidden symmetries and their consequences in 2g cubic perovskites. Physical Review B, 2004, 69, .	1.1	20
175	Equation of state for cubic ferromagnets. Physical Review B, 1974, 10, 3006-3009.	1.1	19
176	Scaling function for two-point correlations. II. Expansion to order $1/n$. Physical Review B, 1974, 10, 2834-2844.	1.1	19
177	Renormalization-group analysis of Lifshitz tricritical behavior. Physical Review B, 1987, 36, 2006-2014.	1.1	19
178	Gap Independence and Lacunarity in Percolation Clusters. Physical Review Letters, 1996, 77, 877-880.	2.9	19
179	Low-concentration series expansions for dilute spin glasses at zero temperature. Journal of Physics C: Solid State Physics, 1980, 13, 4091-4108.	1.5	18
180	Cross-over from phonons to fractons. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1987, 56, 949-955.	0.6	18

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181	Diffusion-limited aggregation near the percolation threshold. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1989, 155, 1-20.	1.2	18
182	Superexchange anisotropy in the cuprates. <i>Physical Review B</i> , 1994, 50, 3068-3076.	1.1	18
183	Renormalization group calculation of distribution functions: Structural properties for percolation clusters. <i>Physical Review E</i> , 1997, 56, 172-184.	0.8	18
184	Order Parameters and Phase Diagram of Multiferroic RMn_2O_5 . <i>Physical Review Letters</i> , 2008, 100, 217202.	2.9	18
185	Quadrupolar interactions at ferromagnetic critical points. <i>Physical Review B</i> , 1974, 9, 2416-2417.	1.1	17
186	Percolation in dimensions $d \geq 4$. <i>Physical Review B</i> , 1984, 30, 2832-2838.	1.1	17
187	Spin filtering in a Rashba-Dresselhaus-Aharonov-Bohm double-dot interferometer. <i>New Journal of Physics</i> , 2013, 15, 125017.	1.2	17
188	Temporal evolution of resonant transmission under telegraph noise. <i>Physical Review B</i> , 2016, 94, .	1.1	17
189	Time-reversal symmetry violation and the oscillating universe. <i>International Journal of Theoretical Physics</i> , 1970, 3, 437-441.	0.5	16
190	Critical and tricritical points near the Potts model transition of uniaxially stressed SrTiO_3 . <i>Journal of Physics C: Solid State Physics</i> , 1981, 14, 1919-1944.	1.5	16
191	A new multicritical point in anisotropic magnets: II. Ferromagnetic in a random skew field. <i>Journal of Physics C: Solid State Physics</i> , 1981, 14, 3603-3619.	1.5	16
192	High-temperature series and exact relations for the Ising model in a random field. <i>Journal of Physics C: Solid State Physics</i> , 1982, 15, 1361-1380.	1.5	16
193	Shekhtman, Entin-Wohlman, and Aharony reply. <i>Physical Review Letters</i> , 1993, 71, 468-468.	2.9	16
194	Real-Space Renormalization Estimates for Two-Phase Flow in Porous Media. <i>Transport in Porous Media</i> , 1997, 29, 247-279.	1.2	16
195	Field-dependent antiferromagnetism and ferromagnetism of the two copper sublattices in $\text{Sr}_2\text{Cu}_3\text{O}_4\text{Cl}_2$. <i>Physical Review B</i> , 1999, 59, 14702-14711.	1.1	16
196	Suspended Nanowires as Mechanically Controlled Rashba Spin Splitters. <i>Physical Review Letters</i> , 2013, 111, 176602.	2.9	16
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