

Enzo Marinari

List of Publications by Year in descending order

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233
papers

9,836
citations

41258

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43802

91
g-index

234
all docs

234
docs citations

234
times ranked

3948
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulated Tempering: A New Monte Carlo Scheme. Europhysics Letters, 1992, 19, 451-458.	0.7	1,440
2	Glueball masses and string tension in lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 192, 163-169.	1.5	618
3	A new method for updating SU(N) matrices in computer simulations of gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 119, 387-390.	1.5	407
4	A proposal for Monte Carlo simulations of fermionic systems. Nuclear Physics B, 1981, 180, 369-377.	0.9	276
5	Computer Estimates of Meson Masses in SU (2) Lattice Gauge Theory. Physical Review Letters, 1981, 47, 1795-1799.	2.9	242
6	Replica field theory for deterministic models. II. A non-random spin glass with glassy behaviour. Journal of Physics A, 1994, 27, 7647-7668.	1.6	173
7	Title is missing!. Journal of Statistical Physics, 2000, 98, 973-1074.	0.5	173
8	Complex zeros in the partition function of the four-dimensional SU(2) lattice gauge model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 108, 331-332.	1.5	161
9	Monte Carlo simulation of the massive Schwinger model. Nuclear Physics B, 1981, 190, 734-750.	0.9	142
10	MicroRNAs as a Selective Channel of Communication between Competing RNAs: a Steady-State Theory. Biophysical Journal, 2013, 104, 1203-1213.	0.2	141
11	Constrained Allocation Flux Balance Analysis. PLoS Computational Biology, 2016, 12, e1004913.	1.5	136
12	Random Walk in a Random Environment and IfNoise. Physical Review Letters, 1983, 50, 1223-1225.	2.9	124
13	Critical exponents of the KPZ equation via multi-surface coding numerical simulations. Journal of Physics A, 2000, 33, 8181-8192.	1.6	123
14	Replica field theory for deterministic models: I. Binary sequences with low autocorrelation. Journal of Physics A, 1994, 27, 7615-7645.	1.6	122
15	Numerical Evidence for Spontaneously Broken Replica Symmetry in 3D Spin Glasses. Physical Review Letters, 1996, 76, 843-846.	2.9	118
16	Violation of the fluctuation-dissipation theorem in finite-dimensional spin glasses. Journal of Physics A, 1998, 31, 2611-2620.	1.6	116
17	Order of the Deconfining Phase Transition in Pure-Gauge QCD. Physical Review Letters, 1988, 61, 1545-1548.	2.9	111
18	Considerations on numerical analysis of QCD. Nuclear Physics B, 1983, 225, 475-496.	0.9	98

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19	Phase structure of the three-dimensional Edwards-Anderson spin glass. <i>Physical Review B</i> , 1998, 58, 14852-14863.	1.1	97
20	Numerical simulations of quantum chromodynamics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 124, 99-104.	1.5	95
21	Complex zeroes of the $d = 3$ Ising model: Finite-size scaling and critical amplitudes. <i>Nuclear Physics B</i> , 1984, 235, 123-134.	0.9	93
22	The supersymmetric one-dimensional string. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 240, 375-380.	1.5	93
23	Width distributions and the upper critical dimension of Kardar-Parisi-Zhang interfaces. <i>Physical Review E</i> , 2002, 65, 026136.	0.8	83
24	An In-Depth View of the Microscopic Dynamics of Ising Spin Glasses at Fixed Temperature. <i>Journal of Statistical Physics</i> , 2009, 135, 1121-1158.	0.5	83
25	A non-perturbative ambiguity free solution of a string model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 242, 35-38.	1.5	82
26	Critical parameters of the three-dimensional Ising spin glass. <i>Physical Review B</i> , 2013, 88, .	1.1	82
27	Nonequilibrium Spin-Glass Dynamics from Picoseconds to a Tenth of a Second. <i>Physical Review Letters</i> , 2008, 101, 157201.	2.9	77
28	On the p -adic five-point function. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 203, 52-54.	1.5	76
29	Janus: An FPGA-Based System for High-Performance Scientific Computing. <i>Computing in Science and Engineering</i> , 2009, 11, 48-58.	1.2	75
30	On the masses of the glueballs in pure $SU(2)$ lattice gauge theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1982, 110, 295-298.	1.5	73
31	Localization of denaturation bubbles in random DNA sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4411-4416.	3.3	73
32	Nature of the spin-glass phase at experimental length scales. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P06026.	0.9	70
33	On the interpretation of $1/f$ noise. <i>Communications in Mathematical Physics</i> , 1983, 89, 1-12.	1.0	67
34	Spectral Content of a Single Non-Brownian Trajectory. <i>Physical Review X</i> , 2019, 9, .	2.8	65
35	Power spectral density of a single Brownian trajectory: what one can and cannot learn from it. <i>New Journal of Physics</i> , 2018, 20, 023029.	1.2	62
36	$\hat{\Gamma}^2=6.0$ quenched Wilson fermions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 258, 195-201.	1.5	61

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37	The Mpemba effect in spin glasses is a persistent memory effect. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15350-15355.	3.3	59
38	Scalings of Domain Wall Energies in Two Dimensional Ising Spin Glasses. Physical Review Letters, 2003, 91, 087201.	2.9	58
39	Strong Universality and Algebraic Scaling in Two-Dimensional Ising Spin Glasses. Physical Review Letters, 2006, 96, 237205.	2.9	58
40	The hadronic mass spectrum in quenched lattice QCD: Results at $\hat{\tau}^2 = 5.7$ and $\hat{\tau}^2 = 6.0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 214, 115-119.	1.5	57
41	Simulating spin systems on IANUS, an FPGA-based computer. Computer Physics Communications, 2008, 178, 208-216.	3.0	57
42	The hadronic mass spectrum in quenched lattice QCD: $\hat{\tau}^2=5.7$. Nuclear Physics B, 1989, 317, 509-525.	0.9	55
43	4D simplicial quantum gravity with a nontrivial measure. Physical Review Letters, 1993, 70, 1908-1911.	2.9	55
44	THE APE-100 COMPUTER: (I) THE ARCHITECTURE. International Journal of High Speed Computing, 1993, 05, 637-656.	0.2	54
45	Thermodynamic glass transition in a spin glass without time-reversal symmetry. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6452-6456.	3.3	54
46	Kogut-Susskind and Wilson fermions in the quenched approximation: A Monte Carlo simulation. Nuclear Physics B, 1985, 251, 141-154.	0.9	52
47	A numerical simulation of quenched SU(2) lattice gauge theory. Nuclear Physics B, 1985, 251, 581-623.	0.9	49
48	Evidence against temperature chaos in mean-field and realistic spin glasses. Journal of Physics A, 2000, 33, L265-L272.	1.6	49
49	Finite-size corrections in the Sherrington-Kirkpatrick model. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 324008.	0.7	49
50	Glueball masses and the loop-loop correlation functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 400-402.	1.5	48
51	General Method to Determine Replica Symmetry Breaking Transitions. Physical Review Letters, 1998, 81, 1698-1701.	2.9	45
52	Off-equilibrium dynamics at very low temperatures in three-dimensional spin glasses. Journal of Physics A, 2000, 33, 2373-2382.	1.6	44
53	Large-distance correlation functions for an SU(2) lattice gauge theory. Nuclear Physics B, 1983, 215, 265-277.	0.9	43
54	The APE computer: An array processor optimized for lattice gauge theory simulations. Computer Physics Communications, 1987, 45, 345-353.	3.0	43

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55	Evidence for the existence of gribov copies in landau gauge lattice QCD. Nuclear Physics B, 1991, 362, 487-497.	0.9	43
56	The phase diagram of fluid random surfaces with extrinsic curvature. Nuclear Physics B, 1993, 394, 791-821.	0.9	43
57	Pion propagator in quenched lattice QCD. Nuclear Physics B, 1983, 220, 137-148.	0.9	41
58	Effects of a Bulk Perturbation on the Ground State of 3D Ising Spin Glasses. Physical Review Letters, 2001, 86, 3887-3890.	2.9	40
59	Counting and Correcting Thermodynamically Infeasible Flux Cycles in Genome-Scale Metabolic Networks. Metabolites, 2013, 3, 946-966.	1.3	40
60	Janus II: A new generation application-driven computer for spin-system simulations. Computer Physics Communications, 2014, 185, 550-559.	3.0	40
61	Scattering lengths from fluctuations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 188-192.	1.5	39
62	Random self-interacting chains: a mechanism for protein folding. Journal of Physics A, 1991, 24, 5349-5362.	1.6	39
63	Energy metabolism and glutamate-glutamine cycle in the brain: a stoichiometric modeling perspective. BMC Systems Biology, 2013, 7, 103.	3.0	38
64	The three-dimensional Ising spin glass in an external magnetic field: the role of the silent majority. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P05014.	0.9	38
65	Critical Thermodynamics of the Two-Dimensional $\pm J$ Ising Spin Glass. Physical Review Letters, 2004, 92, 117202.	2.9	37
66	Static versus Dynamic Heterogeneities in the $D=3$ Edwards-Anderson Ising Spin Glass. Physical Review Letters, 2010, 105, 177202.	2.9	37
67	Zero-Temperature Responses of a 3D Spin Glass in a Magnetic Field. Physical Review Letters, 2001, 87, 197204.	2.9	36
68	Fluid random surfaces with extrinsic curvature. II. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 102-106.	1.5	35
69	On the 3D Ising spin glass. Journal of Physics A, 1994, 27, 2687-2708.	1.6	35
70	Complex singularities in the specific heat of the SU(2) lattice gauge model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 102, 270-272.	1.5	34
71	Staggered fermions at $\hat{t}^2 = 5.7$: Smeared operators on large lattices. Nuclear Physics B, 1990, 343, 228-240.	0.9	34
72	Numerical simulations of the four-dimensional Edwards-Anderson spin glass with binary couplings. Journal of Physics A, 1999, 32, 7447-7461.	1.6	34

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73	The deconfining phase transition in lattice gauge SU(3). Nuclear Physics B, 1989, 318, 553-578.	0.9	31
74	Optimized monte carlo methods. , 1998, , 50-81.		31
75	Identifying essential genes in Escherichia coli from a metabolic optimization principle. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2607-2611.	3.3	31
76	Matching Microscopic and Macroscopic Responses in Glasses. Physical Review Letters, 2017, 118, 157202.	2.9	31
77	Effects of changing the boundary conditions on the ground state of Ising spin glasses. Physical Review B, 2000, 62, 11677-11685.	1.1	30
78	Overlap among states at different temperatures in the SK model. Europhysics Letters, 2002, 60, 775-781.	0.7	30
79	Dynamical transition in the spin glass in an external magnetic field. Physical Review E, 2014, 89, 032140.	0.8	30
80	Mean-field behavior of the sandpile model below the upper critical dimension. Physical Review E, 1998, 57, R6241-R6244.	0.8	29
81	Aging Rate of Spin Glasses from Simulations Matches Experiments. Physical Review Letters, 2018, 120, 267203.	2.9	29
82	On the link between strong and weak coupling expansions for the SU(2) lattice gauge theory. Nuclear Physics B, 1981, 190, 782-790.	0.9	28
83	Computing the hadronic mass spectrum. Eight is better than one. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 162, 160-164.	1.5	28
84	On toy ageing. Journal of Physics A, 1993, 26, L1149-L1156.	1.6	28
85	Energy Constrained Sandpile Models. Physical Review Letters, 1998, 80, 4217-4220.	2.9	28
86	On the number of circuits in random graphs. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P06019-P06019.	0.9	28
87	RNA-Based Regulation: Dynamics and Response to Perturbations of Competing RNAs. Biophysical Journal, 2014, 107, 1011-1022.	0.2	27
88	A stochastic approach to simulations of fermionic systems. Nuclear Physics B, 1981, 190, 266-278.	0.9	26
89	On the large distance exponentiation: A new determination of the SU(2) string tension. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 139, 399-402.	1.5	26
90	Small window overlaps are effective probes of replica symmetry breaking in three-dimensional spin glasses. Journal of Physics A, 1998, 31, L481-L487.	1.6	26

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91	Circuits in random graphs: from local trees to global loops. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2004, 2004, P09004.	0.9	26
92	Scaling in lattice QCD: Glueball masses and string tension. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 205, 535-539.	1.5	25
93	Critical and topological properties of cluster boundaries in the 3D Ising model. <i>Physical Review Letters</i> , 1993, 71, 811-814.	2.9	25
94	How (super) rough is the glassy phase of a crystalline surface with a disordered substrate?. <i>Journal of Physics A</i> , 1995, 28, 3975-3984.	1.6	25
95	Hadronic spectroscopy in lattice QCD with dynamical staggered quark loops. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 184, 381-385.	1.5	24
96	lanus: an adaptive FPGA computer. <i>Computing in Science and Engineering</i> , 2006, 8, 41-49.	1.2	24
97	Intrinsic limitations of the susceptibility propagation inverse inference for the mean field Ising spin glass. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P02008.	0.9	24
98	Zero-temperature properties of RNA secondary structures. <i>Physical Review E</i> , 2002, 65, 041919.	0.8	23
99	Inference of DNA Sequences from Mechanical Unzipping: An Ideal-Case Study. <i>Physical Review Letters</i> , 2006, 96, 128102.	2.9	23
100	A statics-dynamics equivalence through the fluctuation-dissipation ratio provides a window into the spin-glass phase from nonequilibrium measurements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1838-1843.	3.3	23
101	The 3D Z3 spin model and the deconfinement transition in QCD: A problem of universality. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 217, 309-313.	1.5	22
102	The fully frustrated hypercubic model is glassy and aging at large D. <i>Journal of Physics A</i> , 1995, 28, 327-334.	1.6	22
103	Four-dimensional spin glasses in a magnetic field have a mean-field-like phase. <i>Journal of Physics A</i> , 1998, 31, 1181-1187.	1.6	22
104	Critical behaviour of the four-dimensional spin glass in magnetic field. <i>Journal of Physics A</i> , 1998, 31, 6355-6366.	1.6	22
105	Correlation timescales in the Sherrington-Kirkpatrick model. <i>Journal of Physics A</i> , 2001, 34, L727-L734.	1.6	22
106	An algorithm for counting circuits: Application to real-world and random graphs. <i>Europhysics Letters</i> , 2006, 73, 8-14.	0.7	22
107	A Scalable Algorithm to Explore the Gibbs Energy Landscape of Genome-Scale Metabolic Networks. <i>PLoS Computational Biology</i> , 2012, 8, e1002562.	1.5	22
108	Glueball masses and string tension Smearred loop-loop correlation functions. <i>Nuclear Physics B</i> , 1988, 295, 51-64.	0.9	21

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109	$\hat{\mu}^2=6.0$ staggered quenched fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 258, 202-206.	1.5	21
110	Weighted mean-field theory for the random field Ising model. Journal of Physics A, 1995, 28, 3959-3973.	1.6	21
111	3D spin glass and 2D ferromagnetic XY model: a comparison. Journal of Physics A, 1997, 30, 7337-7347.	1.6	21
112	Reconfigurable computing for Monte Carlo simulations: Results and prospects of the Janus project. European Physical Journal: Special Topics, 2012, 210, 33-51.	1.2	21
113	Universal critical behavior of the two-dimensional Ising spin glass. Physical Review B, 2016, 94, .	1.1	21
114	1/f noise, disorder and dimensionality. Journal De Physique, 1984, 45, 657-663.	1.8	21
115	The hadronic mass spectrum and the heavy quark potential in quenched and unquenched QCD. Nuclear Physics, Section B, Proceedings Supplements, 1989, 9, 209-226.	0.5	20
116	Strings with extrinsic curvature: An analysis of the crossover regime. Nuclear Physics, Section B, Proceedings Supplements, 1993, 30, 795-798.	0.5	20
117	Comment on "Evidence of Non-Mean-Field-Like Low-Temperature Behavior in the Edwards-Anderson Spin-Glass Model". Physical Review Letters, 2013, 110, 219701.	2.9	20
118	Marinari et al. Reply:. Physical Review Letters, 1999, 82, 5175-5175.	2.9	19
119	Spatial correlations in the relaxation of the Kob-Andersen model. Europhysics Letters, 2005, 69, 235-241.	0.7	19
120	Sample-to-sample fluctuations of power spectrum of a random motion in a periodic Sinai model. Physical Review E, 2016, 94, 032131.	0.8	19
121	Eigenstates and limit cycles in the SK model. Journal of Physics A, 1988, 21, 4201-4210.	1.6	18
122	The string tension in gauge theories. A suggestion for a new measurement method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 400-404.	1.5	18
123	Self-avoiding surfaces in the 3d Ising model. Nuclear Physics B, 1995, 448, 577-620.	0.9	18
124	Light psuedoscalars and symmetry restoration in SU(2) lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 136, 418-422.	1.5	17
125	On Polymers with Long-Range Repulsive Forces. Europhysics Letters, 1991, 15, 721-724.	0.7	17
126	Numerical simulations of the dynamical behavior of the SK model. European Physical Journal B, 1998, 2, 495-500.	0.6	17

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127	Glassy Potts model: A disordered Potts model without a ferromagnetic phase. <i>Physical Review B</i> , 1999, 59, 8401-8404.	1.1	17
128	The mean-field infinite range $p = 3$ spin glass: Equilibrium landscape and correlation time scales. <i>Europhysics Letters</i> , 2005, 71, 824-830.	0.7	17
129	Sample-to-sample fluctuations of the overlap distributions in the three-dimensional Edwards-Anderson spin glass. <i>Physical Review B</i> , 2011, 84, .	1.1	17
130	The quenched mass spectrum in lattice QCD on a 1 Gigaflops computer. <i>Nuclear Physics B</i> , 1992, 378, 616-632.	0.9	16
131	Comment on "Scaling Spin Glasses in a Magnetic Field". <i>Physical Review Letters</i> , 2000, 84, 1056-1056.	2.9	16
132	Temperature chaos in two-dimensional Ising spin glasses with binary couplings: a further case for universality. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2006, 2006, L10001-L10001.	0.9	16
133	Quantitative constraint-based computational model of tumor-to-stroma coupling via lactate shuttle. <i>Scientific Reports</i> , 2015, 5, 11880.	1.6	16
134	Temperature chaos is a non-local effect. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 123301.	0.9	16
135	Two Ising models coupled to two-dimensional gravity. <i>Nuclear Physics B</i> , 1994, 419, 665-684.	0.9	15
136	Ranking Vertices or Edges of a Network by Loops: A New Approach. <i>Physical Review Letters</i> , 2008, 101, 098701.	2.9	15
137	Finite-size scaling analysis of the distributions of pseudo-critical temperatures in spin glasses. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P10019.	0.9	15
138	The deconfining phase transition and the glueball channels in pure gauge QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 220, 607-610.	1.5	14
139	A new computation of the correlation length near the deconfining transition in SU(3). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 224, 333-338.	1.5	14
140	A non perturbative definition of 2D quantum gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 247, 537-542.	1.5	14
141	A numerical study of ultrametricity in finite-dimensional spin glasses. <i>Journal of Physics A</i> , 1997, 30, L263-L269.	1.6	14
142	Finding long cycles in graphs. <i>Physical Review E</i> , 2007, 75, 066708.	0.8	14
143	Spin glass phase in the four-state three-dimensional Potts model. <i>Physical Review B</i> , 2009, 79, .	1.1	14
144	Cumulative overlap distribution function in realistic spin glasses. <i>Physical Review B</i> , 2014, 90, .	1.1	14

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145	Dynamic variational study of chaos: spin glasses in three dimensions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 033302.	0.9	14
146	Statistical mechanics of heteropolymer folding. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1992, 185, 98-103.	1.2	13
147	More on the exponential bound of four dimensional simplicial quantum gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 349, 35-41.	1.5	13
148	Inferring DNA sequences from mechanical unzipping data: the large-bandwidth case. <i>Physical Review E</i> , 2007, 75, 011904.	0.8	13
149	Temperature chaos is present in off-equilibrium spin-glass dynamics. <i>Communications Physics</i> , 2021, 4, .	2.0	13
150	From APE to APE-100: From 1 to 100 gflops in lattice gauge theory simulations. <i>Computer Physics Communications</i> , 1989, 57, 285-289.	3.0	12
151	A Multi-Grid Cluster Labeling Scheme. <i>Europhysics Letters</i> , 1992, 17, 189-194.	0.7	12
152	NEW SIMD ALGORITHMS FOR CLUSTER LABELING ON PARALLEL COMPUTERS. <i>International Journal of Modern Physics C</i> , 1993, 04, 749-763.	0.8	12
153	Some numerical results on the block spin transformation for the 2D Ising model at the critical point. <i>Journal of Statistical Physics</i> , 1995, 78, 731-757.	0.5	12
154	Replica theory and large-D Josephson junction hypercubic models. <i>Journal of Physics A</i> , 1995, 28, 4481-4503.	1.6	12
155	The use of optimized Monte Carlo methods for studying spin glasses. <i>Journal of Physics A</i> , 2001, 34, 383-390.	1.6	12
156	Zero-temperature behavior of the random-anisotropy model in the strong-anisotropy limit. <i>Physical Review B</i> , 2007, 76, .	1.1	12
157	Critical properties of the four-state commutative random permutation glassy Potts model in three and four dimensions. <i>Physical Review B</i> , 2008, 77, .	1.1	12
158	Scaling Law Describes the Spin-Glass Response in Theory, Experiments, and Simulations. <i>Physical Review Letters</i> , 2020, 125, 237202.	2.9	12
159	On the tail of the overlap probability distribution in the Sherrington-Kirkpatrick model. <i>Journal of Physics A</i> , 2003, 36, 15-27.	1.6	11
160	Spatial correlation functions in three-dimensional Ising spin glasses. <i>Physical Review B</i> , 2005, 72, .	1.1	11
161	Noise processing by microRNA-mediated circuits: The Incoherent Feed-Forward Loop, revisited. <i>Heliyon</i> , 2016, 2, e00095.	1.4	11
162	Evidence for $12\hat{\Lambda}$ baryonic states in the numerical analysis of staggered quenched QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 148, 166-170.	1.5	10

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163	Maximal mean-field solutions in the random field Ising model: the pattern of the symmetry breaking. <i>Journal of Physics A</i> , 1993, 26, 5675-5685.	1.6	10
164	Non-Exponential Relaxation Time Scales in Disordered Systems: An Application to Protein Dynamics. <i>Europhysics Letters</i> , 1994, 25, 491-496.	0.7	10
165	Comment on "Evidence for the Droplet Picture of Spin Glasses". <i>Physical Review Letters</i> , 1999, 82, 5176-5176.	2.9	10
166	An experiment-oriented analysis of 2D spin-glass dynamics: a twelve time-decades scaling study. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 224002.	0.7	10
167	Spin-glass dynamics in the presence of a magnetic field: exploration of microscopic properties. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 033301.	0.9	10
168	On the stability of the mean-field spin glass broken phase under non-Hamiltonian perturbations. <i>Journal of Physics A</i> , 1997, 30, 4489-4511.	1.6	9
169	Numerical Evidence for Continuity of Mean-Field and Finite-Dimensional Spin Glasses. <i>Physical Review Letters</i> , 1999, 82, 434-437.	2.9	9
170	A non-disordered glassy model with a tunable interaction range. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, L05003.	0.9	9
171	Numerical Construction of the Aizenman-Wehr Metastate. <i>Physical Review Letters</i> , 2017, 119, 037203.	2.9	9
172	Comment on "Triviality of the Ground State Structure in Ising Spin Glasses". <i>Physical Review Letters</i> , 2000, 85, 3332-3332.	2.9	8
173	Spin-glass ordering in diluted magnetic semiconductors: A Monte Carlo study. <i>Physical Review B</i> , 2000, 62, 4999-5002.	1.1	8
174	Edwards-Anderson spin glasses undergo simple cumulative aging. <i>Physical Review B</i> , 2005, 72, .	1.1	8
175	Finite-size scaling in Villain's fully frustrated model and singular effects of plaquette disorder. <i>Europhysics Letters</i> , 2006, 73, 779-785.	0.7	8
176	The solution space of metabolic networks: Producibility, robustness and fluctuations. <i>Journal of Physics: Conference Series</i> , 2010, 233, 012019.	0.3	8
177	Critical behavior of three-dimensional disordered Potts models with many states. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P05002.	0.9	8
178	Supervised perceptron learning vs unsupervised Hebbian unlearning: Approaching optimal memory retrieval in Hopfield-like networks. <i>Journal of Chemical Physics</i> , 2022, 156, 104107.	1.2	8
179	The ape with a small jump. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1990, 17, 218-222.	0.5	7
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