Heiko Rieger

List of Publications by Year
in descending order

178 papers	6,329 citations	76326 40 h-index	82547 72 g-index
191 all docs	191 docs citations	191 times ranked	4581 citing authors

#	ARTICLE	IF	CITATIONS
1	Random Walks on Complex Networks. Physical Review Letters, 2004, 92, 118701.	7.8	891
2	Computational models for activeÂmatter. Nature Reviews Physics, 2020, 2, 181-199.	26.6	192
3	Numerical study of the random transverse-field Ising spin chain. Physical Review B, 1996, 53, 8486-8498.	3.2	188
4	Calcium microdomains at the immunological synapse: how ORAI channels, mitochondria and calcium pumps generate local calcium signals for efficient T-cell activation. EMBO Journal, 2011, 30, 3895-3912.	7.8	181
5	Off-equilibrium dynamics in finite-dimensional spin-glass models. Physical Review B, 1996, 53, 6418-6428.	3.2	147
6	Zero-temperature quantum phase transition of a two-dimensional Ising spin glass. Physical Review Letters, 1994, 72, 4141-4144.	7.8	146
7	Interstitial Fluid Flow and Drug Delivery in Vascularized Tumors: A Computational Model. PLoS ONE, 2013, 8, e70395.	2.5	126
8	Critical Behavior and Griffiths-McCoy Singularities in the Two-Dimensional Random Quantum Ising Ferromagnet. Physical Review Letters, 1998, 81, 5916-5919.	7.8	125
9	Quantum Phase Transition in the Sub-Ohmic Spin-Boson Model: Quantum MonteÂCarlo Study with a Continuous Imaginary Time Cluster Algorithm. Physical Review Letters, 2009, 102, 030601.	7.8	121
10	Critical behavior of the three-dimensional random-field Ising model: Two-exponent scaling and discontinuous transition. Physical Review B, 1995, 52, 6659-6667.	3.2	119
11	Griffiths singularities in the disordered phase of a quantum Ising spin glass. Physical Review B, 1996, 54, 3328-3335.	3.2	119
12	Long-Range Correlations in the Nonequilibrium Quantum Relaxation of a Spin Chain. Physical Review Letters, 2000, 85, 3233-3236.	7.8	117
13	Vascular network remodeling via vessel cooption, regression and growth in tumors. Journal of Theoretical Biology, 2006, 241, 903-918.	1.7	111
14	Anomalous front broadening during spontaneous imbibition in a matrix with elongated pores. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10245-10250.	7.1	110
15	Random transverse Ising spin chain and random walks. Physical Review B, 1998, 57, 11404-11420.	3.2	90
16	Semiclassical theory for quantum quenches in finite transverse Ising chains. Physical Review B, 2011, 84, .	3.2	90
17	Quantum Relaxation after a Quench in Systems with Boundaries. Physical Review Letters, 2011, 106, 035701.	7.8	88
18	Bose-glass and Mott-insulator phase in the disordered boson Hubbard model. Physical Review B, 1997, 55, R11981-R11984.	3.2	87

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19	Bose-Glass Phases of Ultracold Atoms due to Cavity Backaction. Physical Review Letters, 2013, 110, 075304.	7.8	81
20	Vascular remodelling of an arterio-venous blood vessel network during solid tumour growth. Journal of Theoretical Biology, 2009, 259, 405-422.	1.7	78
21	Finite-size scaling analysis of exact ground states for Â± J spin glass models in two dimensions. Europhysics Letters, 1997, 39, 85-90.	2.0	73
22	Fluctuation-dissipation ratio in three-dimensional spin glasses. Journal of Statistical Physics, 1995, 79, 749-758.	1.2	72
23	Domain growth in random magnets. Europhysics Letters, 2004, 68, 881-887.	2.0	71
24	Entanglement Entropy at Infinite-Randomness Fixed Points in Higher Dimensions. Physical Review Letters, 2007, 99, 147202.	7.8	71
25	Emergent vascular network inhomogeneities and resulting blood flow patterns in a growing tumor. Journal of Theoretical Biology, 2008, 250, 257-280.	1.7	71
26	Physical determinants of vascular network remodeling during tumor growth. European Physical Journal E, 2010, 33, 149-163.	1.6	70
27	Domain growth in Ising systems with quenched disorder. Physical Review E, 2005, 71, 061109.	2.1	67
28	Integrative models of vascular remodeling during tumor growth. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2015, 7, 113-129.	6.6	62
29	Mutations of the Ca2+-sensing Stromal Interaction Molecule STIM1 Regulate Ca2+ Influx by Altered Oligomerization of STIM1 and by Destabilization of the Ca2+ Channel Orai1. Journal of Biological Chemistry, 2013, 288, 1653-1664.	3.4	60
30	Two distinct secretory vesicleâ€"priming steps in adrenal chromaffin cells. Journal of Cell Biology, 2010, 190, 1067-1077.	5.2	58
31	Docking of Lytic Granules at the Immunological Synapse in Human CTL Requires Vti1b-Dependent Pairing with CD3 Endosomes. Journal of Immunology, 2011, 186, 6894-6904.	0.8	55
32	A calcium-redox feedback loop controls human monocyte immune responses: The role of ORAI Ca^{2+} channels. Science Signaling, 2016, 9, ra26.	3.6	55
33	Numerical Renormalization Group Study of Random Transverse Ising Models in One and Two Space Dimensions. Progress of Theoretical Physics Supplement, 2000, 138, 479-488.	0.1	54
34	The immunological synapse controls local and global calcium signals in T lymphocytes. Immunological Reviews, 2009, 231, 132-147.	6.0	48
35	Anomalous diffusion in aperiodic environments. Physical Review E, 1999, 59, 1465-1474.	2.1	44
36	Ultracold bosons with cavity-mediated long-range interactions: A local mean-field analysis of the phase diagram. Physical Review A, 2016, 94, .	2.5	44

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37	Random antiferromagnetic quantum spin chains: Exact results from scaling of rare regions. Physical Review B, 2000, 61, 11552-11568.	3.2	43
38	Anomalous diffusion in disordered media and random quantum spin chains. Physical Review E, 1998, 58, 4238-4241.	2.1	42
39	The number of solutions of the Thouless-Anderson-Palmer equations forp-spin-interaction spin glasses. Physical Review B, 1992, 46, 14655-14661.	3.2	41
40	Aging and Domain Growth in the Two-Dimensional Ising Spin Glass Model. Europhysics Letters, 1994, 27, 485-490.	2.0	41
41	Random-exchange quantum Heisenberg antiferromagnets on a square lattice. Physical Review B, 2006, 73, .	3.2	41
42	Stability of shortest paths in complex networks with random edge weights. Physical Review E, 2002, 66, 066127.	2.1	40
43	Quantum relaxation and finite-size effects in the XY chain in a transverse field after global quenches. Europhysics Letters, 2012, 99, 30004.	2.0	40
44	Density Profiles in Random Quantum Spin Chains. Physical Review Letters, 1997, 78, 2473-2476.	7.8	37
45	Ground-state properties of solid-on-solid models with disordered substrates. Physical Review B, 1997, 55, R7394-R7397.	3.2	35
46	Migration of Cytotoxic T Lymphocytes in 3D Collagen Matrices. Biophysical Journal, 2020, 119, 2141-2152.	0.5	35
47	Anomalous diffusion of self-propelled particles in directed random environments. Physical Review E, 2014, 90, 030701.	2.1	33
48	Superaging in two-dimensional random ferromagnets. Physical Review E, 2007, 75, 030104.	2.1	31
49	Co-chaperones of the Mammalian Endoplasmic Reticulum. Sub-Cellular Biochemistry, 2015, 78, 179-200.	2.4	31
50	Computational Model for Tumor Oxygenation Applied to Clinical Data on Breast Tumor Hemoglobin Concentrations Suggests Vascular Dilatation and Compression. PLoS ONE, 2016, 11, e0161267.	2.5	31
51	Run-and-pause dynamics of cytoskeletal motor proteins. Scientific Reports, 2016, 6, 37162.	3.3	31
52	Thiol dependent intramolecular locking of Orai1 channels. Scientific Reports, 2016, 6, 33347.	3.3	31
53	MONTE CARLO STUDIES OF ISING SPIN GLASSES AND RANDOM FIELD SYSTEMS. , 1995, , 295-341.		30
54	Persistent-random-walk approach to anomalous transport of self-propelled particles. Physical Review E, 2015, 91, 062715.	2.1	30

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55	Scaling Theory for Spontaneous Imbibition in Random Networks of Elongated Pores. Physical Review Letters, 2013, 110, 144502.	7.8	29
56	Meniscus Arrest during Capillary Rise in Asymmetric Microfluidic Pore Junctions. Langmuir, 2015, 31, 2600-2608.	3.5	29
57	Strong-Disorder Fixed Point in the Dissipative Random Transverse-Field Ising Model. Physical Review Letters, 2006, 96, 227201.	7.8	28
58	Cytoskeleton rotation relocates mitochondria to the immunological synapse and increases calcium signals. Cell Calcium, 2016, 60, 309-321.	2.4	28
59	Non-equilibrium quantum dynamics after local quenches. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P10027.	2.3	27
60	Nonequilibrium quantum relaxation across a localization-delocalization transition. Physical Review B, 2014, 90, .	3.2	27
61	Random Quantum Magnets with Long-Range Correlated Disorder: Enhancement of Critical and Griffiths-McCoy Singularities. Physical Review Letters, 1999, 83, 3741-3744.	7.8	26
62	Condensation phenomena in nanopores: A Monte Carlo study. Journal of Chemical Physics, 2005, 123, 024708.	3.0	26
63	Quantum Relaxation and Metastability of Lattice Bosons with Cavity-Induced Long-Range Interactions. Physical Review Letters, 2018, 121, 095301.	7.8	26
64	Quantum critical dynamics of the random transverse-field Ising spin chain. Europhysics Letters, 1997, 39, 135-140.	2.0	25
65	Constrained spin-dynamics description of random walks on hierarchical scale-free networks. Physical Review E, 2004, 69, 036111.	2.1	25
66	Comment on "Dynamic and Static Properties of the Randomly Pinned Flux Array". Physical Review Letters, 1995, 74, 4964-4964.	7.8	24
67	Application of a minimum-cost flow algorithm to the three-dimensional gauge-glass model with screening. Physical Review B, 1998, 58, R8873-R8876.	3.2	24
68	Crossover effects in the random-exchange spin-$\frac{1}{2}$ antiferromagnetic chain. Physical Review B, 2004, 70, .	3.2	24
69	Physics of the tumor vasculature: Theory and experiment. European Physical Journal Plus, 2016, 131, 1.	2.6	23
70	Finite-size scaling of pseudocritical point distributions in the random transverse-field Ising chain. Physical Review B, 2007, 76, .	3.2	22
71	Quantum XX model with competing short- and long-range interactions: Phases and phase transitions in and out of equilibrium. Physical Review B, 2018, 98, .	3.2	22
72	Griffiths-McCoy Singularities in the Transverse Field Ising Model on the Randomly Diluted Square Lattice. Journal of the Physical Society of Japan, 1998, 67, 2671-2677.	1.6	21

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73	Quantum phase transition and correlations in the multi-spin-boson model. Physical Review B, 2014, 90, .	3.2	21
74	Spatial Cytoskeleton Organization Supports Targeted Intracellular Transport. Biophysical Journal, 2018, 114, 1420-1432.	0.5	21
75	Optimal Non-Markovian Search Strategies with n-Step Memory. Physical Review Letters, 2021, 127, 070601.	7.8	21
76	Domain walls and chaos in the disordered SOS model. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P08022.	2.3	20
77	Test of quantum thermalization in the two-dimensional transverse-field Ising model. Scientific Reports, 2016, 6, 38185.	3.3	20
78	Strong-disorder renormalization group study of $S=\frac{1}{2}$ Heisenberg antiferromagnet layers and bilayers with bond randomness, site dilution, and dimer dilution. Physical Review B, 2006, 74, .	3.2	19
79	Quantum phases of incommensurate optical lattices due to cavity backaction. Physical Review A, 2013, 88, .	2.5	19
80	Transient Anomalous Diffusion in Run-and-Tumble Dynamics. Frontiers in Physics, 2019, 7, .	2.1	19
81	Disordered p-spin interaction models on Husimi trees. Physical Review B, 1992, 45, 9772-9777.	3.2	18
82	Aging in disordered systems. Physica A: Statistical Mechanics and Its Applications, 1996, 224, 267-278.	2.6	18
83	Random-bond Potts model in the large-q limit. Physical Review E, 2001, 64, 056122.	2.1	18
84	Nonequilibrium dynamics below the super-roughening transition. Physical Review B, 2005, 71, .	3.2	17
85	Random-bond Ising chain in a transverse magnetic field: A finite-size scaling analysis. Journal of Statistical Physics, 1994, 77, 1087-1098.	1.2	16
86	The two-dimensional disordered Boson Hubbard model: Evidence for a direct Mott-insulator-to-superfluid transition and localization in the Bose glass phase. Physica A: Statistical Mechanics and Its Applications, 1997, 246, 348-376.	2.6	16
87	Frustrated systems: Ground state properties via combinatorial optimization. , 1998, , 122-158.		16
88	Critical properties of loop percolation models with optimization constraints. Physical Review E, 2003, 67, 056113.	2.1	16
89	Disorder-induced phases in higher-spin antiferromagnetic Heisenberg chains. Physical Review B, 2004, 69, .	3.2	16
90	Finite temperature behavior of strongly disordered quantum magnets coupled to a dissipative bath. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P04012.	2.3	16

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91	Interplay of channels, pumps and organelle location in calcium microdomain formation. New Journal of Physics, 2013, 15, 055022.	2.9	16
92	Bystander cells enhance NK cytotoxic efficiency by reducing search time. Scientific Reports, 2017, 7, 44357.	3.3	16
93	Thermo-cycling experiments with the three-dimensional Ising spin glass model. Journal De Physique, I, 1994, 4, 883-892.	1.2	16
94	Search for a spin glass phase in finite-dimensional spin models with random multisite interactions. Physica A: Statistical Mechanics and Its Applications, 1992, 184, 279-289.	2.6	15
95	The one-dimensional ANNNI model in a transverse field: analytic and numerical study of effective Hamiltonians. Zeitschrift Fär Physik B-Condensed Matter, 1996, 101, 597-611.	1.1	15
96	Chaos in the random field Ising model. Physical Review E, 1998, 58, 4284-4287.	2.1	15
97	Average persistence of random walks. Europhysics Letters, 1999, 45, 673-679.	2.0	15
98	Disorder-Driven Critical Behavior of Periodic Elastic Media in a Crystal Potential. Physical Review Letters, 2001, 87, 176102.	7.8	15
99	Optimality of Spatially Inhomogeneous Search Strategies. Physical Review Letters, 2016, 117, 068101.	7.8	15
100	Search and Capture Efficiency of Dynamic Microtubules for Centrosome Relocation during ISâFormation. Biophysical Journal, 2019, 116, 2079-2091.	0.5	15
101	Comment on â€œAging Effects in a Lennard-Jones Glassâ€. Physical Review Letters, 1998, 81, 930-930.	7.8	14
102	Griffiths-McCoy singularities in the random transverse-field Ising spin chain. Physical Review B, 1999, 59, 11308-11314.	3.2	14
103	Comment on â€œDisorder Induced Quantum Phase Transition in Random-Exchange Spin-1/2Chainsâ€. Physical Review Letters, 2003, 91, 229701.	7.8	14
104	Comparative study of the transcriptional regulatory networks of E. coli and yeast: Structural characteristics leading to marginal dynamic stability. Journal of Theoretical Biology, 2007, 248, 618-626.	1.7	14
105	Spatial organization of the cytoskeleton enhances cargo delivery to specific target areas on the plasma membrane of spherical cells. Physical Biology, 2016, 13, 066003.	1.8	14
106	Ground State Properties of Fluxlines in a Disordered Environment. Physical Review Letters, 1998, 81, 4488-4491.	7.8	13
107	Exact combinatorial algorithms: Ground states of disordered systems. Phase Transitions and Critical Phenomena, 2001, 18, 143-317.	1.2	13
108	Superconductor-to-normal phase transition in a vortex glass model: numerical evidence for a new percolation universality class. Journal of Physics Condensed Matter, 2002, 14, 2361-2369.	1.8	13

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109	Growing Length Scales during Aging in 2d Disordered Systems. Progress of Theoretical Physics Supplement, 2005, 157, 111-119.	0.1	13
110	Computer Simulations of the Tumor Vasculature: Applications to Interstitial Fluid Flow, Drug Delivery, and Oxygen Supply. Advances in Experimental Medicine and Biology, 2016, 936, 31-72.	1.6	13
111	Disorder-induced phases in the $S=1$ antiferromagnetic Heisenberg chain. Physical Review B, 2005, 72, .	3.2	12
112	Broad edge of chaos in strongly heterogeneous Boolean networks. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 415001.	2.1	12
113	Efficient kinetic Monte Carlo method for reaction–diffusion problems with spatially varying annihilation rates. Journal of Computational Physics, 2013, 237, 396-410.	3.8	12
114	Tumorcode. European Physical Journal E, 2018, 41, 55.	1.6	12
115	Fast vectorized algorithm for the Monte Carlo simulation of the random field Ising model. Journal of Statistical Physics, 1993, 70, 1063-1073.	1.2	11
116	Aging and scaling laws in β-hydroquinone-clathrate. Physical Review B, 2004, 69, .	3.2	10
117	Variational Monte-Carlo study of the extended Bose-Hubbard model with short- and infinite-range interactions. European Physical Journal B, 2019, 92, 1.	1.5	10
118	Reaction-diffusion model for STIM-ORAI interaction: The role of ROS and mutations. Journal of Theoretical Biology, 2019, 470, 64-75.	1.7	10
119	Vortex lines in the three-dimensional XY model with random phase shifts. Physical Review B, 1996, 54, 16024-16031.	3.2	9
120	Flocking and reorientation transition in the 4-state active Potts model. Europhysics Letters, 2020, 130, 66001.	2.0	9
121	Non-equilibrium dynamics in the random bond Ising chain: A reminiscence of aging in spin glasses. Physica A: Statistical Mechanics and Its Applications, 1994, 210, 326-340.	2.6	8
122	A prognosis oriented microscopic stock market model. Physica A: Statistical Mechanics and Its Applications, 1999, 267, 443-452.	2.6	8
123	Dislocations in the ground state of the solid-on-solid model on a disordered substrate. Journal of Physics A, 2000, 33, 2489-2497.	1.6	8
124	Path integral Monte Carlo study of the interacting quantum double-well model: Quantum phase transition and phase diagram. Physical Review E, 2007, 75, 016702.	2.1	8
125	Fine-grained simulations of the microenvironment of vascularized tumours. Scientific Reports, 2019, 9, 11698.	3.3	8
126	Flocking with a q -fold discrete symmetry: Band-to-lane transition in the active Potts model. Physical Review E, 2020, 102, 042601.	2.1	8

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127	Oxygen in the Tumor Microenvironment: Mathematical and Numerical Modeling. Advances in Experimental Medicine and Biology, 2020, 1259, 53-76.	1.6	8
128	Entanglement transition of elastic lines in a strongly disordered environment. Europhysics Letters, 2004, 66, 778-784.	2.0	7
129	Meniscus arrest dominated imbibition front roughening in porous media with elongated pores. Journal of Physics: Conference Series, 2015, 638, 012007.	0.4	7
130	Numerical analysis of homogeneous and inhomogeneous intermittent search strategies. Physical Review E, 2016, 94, 042133.	2.1	7
131	Reentrant random quantum Ising antiferromagnet. Physical Review B, 2020, 101, .	3.2	7
132	Capillary Action in Scalar Active Matter. Physical Review Letters, 2020, 124, 048001.	7.8	7
133	Dilution-Controlled Quantum Criticality in Rare-Earth Nickelates. Physical Review Letters, 2004, 93, 156401.	7.8	6
134	Lattice model for spontaneous imbibition in porous media: The role of effective tension and universality class. Physical Review E, 2014, 90, 013016.	2.1	6
135	The narrow escape problem in a circular domain with radial piecewise constant diffusivity. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 424002.	2.1	6
136	Stochastic Model of T Cell Repolarization during Target Elimination I. Biophysical Journal, 2020, 118, 1733-1748.	0.5	6
137	Polynomial combinatorial optimization methods for analysing the ground states of disordered systems. Journal of Physics A, 2003, 36, 11095-11109.	1.6	5
138	Phase diagrams of the disordered Bose-Hubbard model with cavity-mediated long-range and nearest-neighbor interactions. European Physical Journal B, 2020, 93, 1.	1.5	5
139	Haldane insulator in the 1D nearest-neighbor extended Bose-Hubbard model with cavity-mediated long-range interactions. European Physical Journal B, 2020, 93, 1.	1.5	5
140	Polar flocks with discretized directions: The active clock model approaching the Vicsek model. Europhysics Letters, 2022, 138, 41001.	2.0	5
141	Dynamic vessel adaptation in synthetic arteriovenous networks. Journal of Theoretical Biology, 2019, 483, 109989.	1.7	4
142	The Effect of Disorder on the Phase Diagrams of Hard-Core Lattice Bosons With Cavity-Mediated Long-Range and Nearest-Neighbor Interactions. Frontiers in Physics, 2020, 7, .	2.1	4
143	Narrow escape problem in two-shell spherical domains. Physical Review E, 2021, 104, 044124.	2.1	4
144	On the energy minima of the Sherrington-Kirkpatrick model. Journal of Physics A, 2000, 33, 3851-3862.	1.6	3

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145	GROUND-STATES OF TWO DIRECTED POLYMERS. International Journal of Modern Physics C, 2001, 12, 421-436.	1.7	3
146	Collective roughening of elastic lines with hard core interaction in a disordered environment. Journal of Statistical Mechanics: Theory and Experiment, 2004, 2004, P10010.	2.3	3
147	Antiferromagnetic Heisenberg Chains with Bond Alternation and Quenched Disorder. Journal of the Physical Society of Japan, 2004, 73, 1602-1606.	1.6	3
148	Elastic lines on splayed columnar defects studied numerically. Physical Review B, 2006, 73, .	3.2	3
149	Light cone in the two-dimensional transverse-field Ising model in time-dependent mean-field theory. Europhysics Letters, 2016, 116, 60002.	2.0	3
150	Decay of the remanent magnetization in the asymmetric spin chain. Journal of Statistical Physics, 1991, 64, 329-361.	1.2	2
151	Numerical study of the disorder-driven roughening transition in an elastic manifold in a periodic potential. Physical Review E, 2002, 66, 036117.	2.1	2
152	Application of exact combinatorial optimization algorithms to the physics of disordered systems. Computer Physics Communications, 2002, 147, 702-706.	7.5	2
153	New developments in the Nonequilibrium Dynamics of spin glasses. Phase Transitions, 2004, 77, 497-523.	1.3	2
154	Disordered systems near quantum critical points. Physica A: Statistical Mechanics and Its Applications, 1999, 266, 471-476.	2.6	1
155	Approximation Methods for Spin Glasses. , 0, , 185-226.		1
156	Interorganelle Tethering to Endocytic Organelles Determines Directional Cytokine Transport in CD4+ T Cells. Journal of Immunology, 2020, 205, 2988-3000.	0.8	1
157	Blood Vessel Network Remodeling During Tumor Growth. , 2012, , 335-360.		1
158	Spatially Inhomogeneous Search Strategies. , 2019, , 285-302.		1
159	Combinatorial Optimization and the Physics of Disordered Systems. Lecture Notes in Physics, 0, , 299-324.	0.7	1
160	Suppression of discontinuous phase transitions by particle diffusion. Physical Review E, 2022, 105, .	2.1	1
161	Disordered systems near quantum critical points. Computer Physics Communications, 1999, 121-122, 505-509.	7.5	0
162	Introduction to Optimization. , 0, , 1-7.		0

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163	Matchings. , 0, , 227-254.		0
164	Branch-and-Bound Methods. , 0, , 273-292.		0
165	Practical Issues. , 0, , 293-357.		0
166	Complexity Theory. , 0, , 9-35.		0
167	Simple Graph Algorithms. , 0, , 53-72.		0
168	Introduction to Statistical Physics. , 0, , 73-90.		0
169	Maximum-Flow Methods. , 0, , 91-127.		0
170	Minimum-Cost Flows. , 0, , 129-157.		0
171	Disorder-induced roughening transition of many elastic lines in a periodic potential. Europhysics Letters, 2001, 55, 719-725.	2.0	0
172	Quantum Spin Glasses. Lecture Notes in Physics, 2005, , 69-99.	0.7	0
173	Computer Simulations of Phase Transitions and Dynamics in Confined Systems. Zeitschrift Fur Physikalische Chemie, 2008, 222, 433-469.	2.8	0
174	Publisherâ€™s Note: Quantum Relaxation after a Quench in Systems with Boundaries [Phys. Rev. Lett.106, 035701 (2011)]. Physical Review Letters, 2011, 107, .	7.8	0
175	Publisher's Note: Semiclassical theory for quantum quenches in finite transverse Ising chains [Phys. Rev. B84, 165117 (2011)]. Physical Review B, 2011, 84, .	3.2	0
176	Recent advances in the theory of disordered systems. European Physical Journal B, 2020, 93, 1.	1.5	0
177	Computer Simulations of Phase Transitions and Dynamics in Confined Systems. , 2008, , 209-245.		0
178	Stochastic model of TÂcell repolarization during target elimination (II). Biophysical Journal, 2022, 121, 1246-1265.	0.5	0