Pavel Krapivsky

List of Publications by Year
in descending order

282	9,978	44069	46799
papers	citations	48 h-index	89 g-index

282	282	282	4440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Connectivity of Growing Random Networks. Physical Review Letters, 2000, 85, 4629-4632.	7.8	935
2	Organization of growing random networks. Physical Review E, 2001, 63, 066123.	2.1	651
3	Dynamics of Majority Rule in Two-State Interacting Spin Systems. Physical Review Letters, 2003, 90, 238701.	7.8	365
4	Degree Distributions of Growing Networks. Physical Review Letters, 2001, 86, 5401-5404.	7.8	244
5	Dynamics of social balance on networks. Physical Review E, 2005, 72, 036121.	2.1	221
6	Social balance on networks: The dynamics of friendship and enmity. Physica D: Nonlinear Phenomena, 2006, 224, 130-136.	2.8	196
7	Kinetics of clustering in traffic flows. Physical Review E, 1994, 50, 822-829.	2.1	180
8	Bifurcations and patterns in compromise processes. Physica D: Nonlinear Phenomena, 2003, 183, 190-204.	2.8	180
9	Kinetics of monomer-monomer surface catalytic reactions. Physical Review A, 1992, 45, 1067-1072.	2.5	178
10	Multiscaling in inelastic collisions. Physical Review E, 2000, 61, R5-R8.	2.1	170
11	Exact results for kinetics of catalytic reactions. Physical Review E, 1996, 53, R3009-R3012.	2.1	157
12	Coarsening and persistence in the voter model. Physical Review E, 1996, 53, 3078-3087.	2.1	147
13	Infinite-order percolation and giant fluctuations in a protein interaction network. Physical Review E, 2002, 66, 055101.	2.1	140
14	Duplication-divergence model of protein interaction network. Physical Review E, 2005, 71, 061911.	2.1	138
15	Network growth by copying. Physical Review E, 2005, 71, 036118.	2.1	135
16	Spatial organization in cyclic Lotka-Volterra systems. Physical Review E, 1996, 54, 6186-6200.	2.1	120
17	Fate of zero-temperature Ising ferromagnets. Physical Review E, 2001, 63, 036118.	2.1	118
18	Constrained opinion dynamics: freezing and slow evolution. Journal of Physics A, 2003, 36, L61-L68.	1.6	116

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19	Stochastic Theory of Early Viral Infection: Continuous versus Burst Production of Virions. PLoS Computational Biology, 2011, 7, e1001058.	3.2	114
20	Freezing in Ising ferromagnets. Physical Review E, 2001, 65, 016119.	2.1	112
21	Size distribution of particles in Saturnâ€™s rings from aggregation and fragmentation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9536-9541.	7.1	108
22	Survival of an evasive prey. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13696-13701.	7.1	101
23	Large Deviations in Single-File Diffusion. Physical Review Letters, 2014, 113, 078101.	7.8	96
24	Capture of the lamb: Diffusing predators seeking a diffusing prey. American Journal of Physics, 1999, 67, 1277-1283.	0.7	91
25	Finiteness and fluctuations in growing networks. Journal of Physics A, 2002, 35, 9517-9534.	1.6	91
26	Transitional aggregation kinetics in dry and damp environments. Physical Review E, 1996, 54, 3553-3561.	2.1	86
27	Collective properties of adsorptionâ€“desorption processes. Journal of Chemical Physics, 1994, 100, 6778-6782.	3.0	81
28	Segregation in a One-Dimensional Model of Interacting Species. Physical Review Letters, 1996, 77, 2125-2128.	7.8	80
29	Kinetics of a diffusive capture process: lamb besieged by a pride of lions. Journal of Physics A, 1996, 29, 5347-5357.	1.6	78
30	Nonuniversality and breakdown of scaling in two-species aggregation with annihilation. Physica A: Statistical Mechanics and Its Applications, 1993, 198, 135-149.	2.6	73
31	Logarithmic current fluctuations in nonequilibrium quantum spin chains. Physical Review E, 2008, 78, 061115.	2.1	70
32	Freezing into stripe states in two-dimensional ferromagnets and crossing probabilities in critical percolation. Physical Review E, 2009, 80, 040101.	2.1	68
33	Nonscaling and source-induced scaling behaviour in aggregation model of movable monomers and immovable clusters. Journal of Physics A, 1991, 24, 4789-4803.	1.6	67
34	Fluctuations of current in nonstationary diffusive lattice gases. Physical Review E, 2012, 86, 031106.	2.1	66
35	Scaling and multiscaling in models of fragmentation. Physical Review E, 1994, 50, 3502-3507.	2.1	63
36	Unity and discord in opinion dynamics. Physica A: Statistical Mechanics and Its Applications, 2003, 330, 99-106.	2.6	59

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37	Extreme value statistics and traveling fronts: various applications. Physica A: Statistical Mechanics and Its Applications, 2003, 318, 161-170.	2.6	59
38	Scaling, multiscaling, and nontrivial exponents in inelastic collision processes. Physical Review E, 2002, 66, 011309.	2.1	58
39	Kinetics of random sequential parking on a line. Journal of Statistical Physics, 1992, 69, 135-150.	1.2	57
40	Kinetics of heterogeneous single-species annihilation. Physical Review E, 1994, 50, 2474-2481.	2.1	57
41	Life and death in an expanding cage and at the edge of a receding cliff. American Journal of Physics, 1996, 64, 546-552.	0.7	56
42	Traveling Waves, Front Selection, and Exact Nontrivial Exponents in a Random Fragmentation Problem. Physical Review Letters, 2000, 85, 5492-5495.	7.8	56
43	Fixation in a cyclic Lotka - Volterra model. Journal of Physics A, 1998, 31, L287-L293.	1.6	54
44	Exchange-driven growth. Physical Review E, 2003, 68, 031104.	2.1	53
45	Domain statistics in coarsening systems. Physical Review E, 1997, 56, 3788-3798.	2.1	51
46	Reinforcement-driven spread of innovations and fads. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P12003.	2.3	51
47	Dynamics of an idealized model of microtubule growth and catastrophe. Physical Review E, 2007, 76, 041907.	2.1	50
48	Fractal Formation and Ordering in Random Sequential Adsorption. Physical Review Letters, 1996, 76, 4058-4061.	7.8	49
49	Statistics of Changes in Lead Node in Connectivity-Driven Networks. Physical Review Letters, 2002, 89, 258703.	7.8	49
50	Size of outbreaks near the epidemic threshold. Physical Review E, 2004, 69, 050901.	2.1	49
51	Weight-driven growing networks. Physical Review E, 2005, 71, 026103.	2.1	49
52	Kinetics of aggregation-annihilation processes. Physical Review E, 1995, 52, 6066-6070.	2.1	45
53	Influence of island diffusion on submonolayer epitaxial growth. Physical Review B, 1999, 59, 15950-15958.	3.2	45
54	Extreme value statistics and traveling fronts: Application to computer science. Physical Review E, 2002, 65, 036127.	2.1	45

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55	Exact solution of a two-type branching process: models of tumor progression. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P08018.	2.3	45
56	Fate of 2D Kinetic Ferromagnets and Critical Percolation Crossing Probabilities. Physical Review Letters, 2012, 109, 195702.	7.8	45
57	Dynamics of the spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></m Heisenberg chain initialized in a domain-wall state. Physical Review B, 2017, 96, .	3.7	45
58	Kinetic theory of random graphs: From paths to cycles. Physical Review E, 2005, 71, 026129.	2.1	44
59	Diffusion-limited annihilation with initially separated reactants. Physical Review E, 1995, 51, 4774-4777.	2.1	41
60	Nucleation and growth in one dimension. Physical Review E, 1996, 54, 3562-3568.	2.1	40
61	Aggregation with multiple conservation laws. Physical Review E, 1996, 53, 291-298.	2.1	40
62	Nontrivial velocity distributions in inelastic gases. Journal of Physics A, 2002, 35, L147-L152.	1.6	40
63	Kinetics ofA+Bâ†'0 with driven diffusive motion. Physical Review E, 1995, 52, 2540-2545.	2.1	39
64	Tagged Particle in Single-File Diffusion. Journal of Statistical Physics, 2015, 160, 885-925.	1.2	39
65	Survival of Classical and Quantum Particles in the Presence of Traps. Journal of Statistical Physics, 2014, 154, 1430-1460.	1.2	38
66	Structural Transitions in Densifying Networks. Physical Review Letters, 2016, 117, 218301.	7.8	38
67	On irreversible deposition on disordered substrates. Journal of Physics A, 1994, 27, 3575-3577.	1.6	37
68	Extremal paths on a random Cayley tree. Physical Review E, 2000, 62, 7735-7742.	2.1	37
69	Cliques and duplicationâ€“divergence network growth. New Journal of Physics, 2005, 7, 145-145.	2.9	37
70	Oscillations in Aggregation-Shattering Processes. Physical Review Letters, 2017, 119, 260601.	7.8	37
71	Correlations in Ballistic Processes. Physical Review Letters, 2003, 91, 218302.	7.8	36
72	Facilitated Asymmetric Exclusion. Physical Review Letters, 2010, 105, 210603.	7.8	35

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73	Zero-temperature relaxation of three-dimensional Ising ferromagnets. Physical Review E, 2011, 83, 051104.	2.1	35
74	Ballistic annihilation kinetics: The case of discrete velocity distributions. Physical Review E, 1995, 51, 3977-3987.	2.1	34
75	Stationary velocity distributions in traffic flows. Physical Review E, 1997, 56, 6680-6686.	2.1	34
76	Molecular spiders with memory. Physical Review E, 2007, 76, 021121.	2.1	33
77	Zero-temperature freezing in the three-dimensional kinetic Ising model. Physical Review E, 2011, 83, 030104.	2.1	33
78	â€œBurnt-bridgeâ€•mechanism of molecular motor motion. Physical Review E, 2005, 72, 046104.	2.1	32
79	Alignment of rods and partition of integers. Physical Review E, 2006, 73, 031109.	2.1	32
80	Analytical results for the distribution of shortest path lengths in random networks. Europhysics Letters, 2015, 111, 26006.	2.0	32
81	Shattering transitions in collision-induced fragmentation. Physical Review E, 2003, 68, 021102.	2.1	31
82	Universal properties of growing networks. Physica A: Statistical Mechanics and Its Applications, 2004, 340, 714-724.	2.6	31
83	A model of ballistic aggregation and fragmentation. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P06011.	2.3	31
84	Additionâ€“deletion networks. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 8607-8619.	2.1	30
85	Survival of a static target in a gas of diffusing particles with exclusion. Physical Review E, 2014, 90, 022120.	2.1	30
86	Dynamical properties of single-file diffusion. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P09007.	2.3	30
87	Extremal properties of random trees. Physical Review E, 2001, 64, 035101.	2.1	29
88	Aggregation-annihilation processes with injection. Physica A: Statistical Mechanics and Its Applications, 1993, 198, 157-178.	2.6	28
89	Scale invariance and lack of self-averaging in fragmentation. Physical Review E, 2000, 61, R993-R996.	2.1	28
90	Diffusion-limited-aggregation processes with three-particle elementary reactions. Physical Review E, 1994, 49, 3233-3238.	2.1	27

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91	Ballistic Annihilation with Continuous Isotropic Initial Velocity Distribution. Physical Review Letters, 2001, 86, 2494-2497.	7.8	27
92	Nucleation and growth in systems with many stable phases. Physical Review A, 1992, 45, 2263-2269.	2.5	26
93	Extremal properties of random systems. Physical Review E, 1995, 52, R5727-R5730.	2.1	26
94	Maxwell model of traffic flows. Physical Review E, 1999, 59, 88-97.	2.1	26
95	War: The dynamics of vicious civilizations. Physical Review E, 1996, 54, 1274-1289.	2.1	25
96	Random walk with shrinking steps. American Journal of Physics, 2004, 72, 591-598.	0.7	25
97	Molecular spiders in one dimension. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P08027-P08027.	2.3	25
98	Heterogeneous Catalysis on a Disordered Surface. Physical Review Letters, 1995, 75, 2891-2894.	7.8	24
99	Domain Number Distribution in the Nonequilibrium Ising Model. Journal of Statistical Physics, 1998, 93, 583-601.	1.2	24
100	The power of choice in growing trees. European Physical Journal B, 2007, 59, 535-543.	1.5	24
101	Temporal Correlations of the Running Maximum of a Brownian Trajectory. Physical Review Letters, 2016, 117, 080601.	7.8	24
102	Steady-state properties of traffic flows. Journal of Physics A, 1998, 31, 8073-8080.	1.6	23
103	Fragmentation with a steady source. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 275, 48-53.	2.1	23
104	Maximum ofNindependent Brownian walkers till the first exit from the half-space. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 315001.	2.1	23
105	Void formation in diffusive lattice gases. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P12014.	2.3	23
106	Generalized exclusion processes: Transport coefficients. Physical Review E, 2014, 90, 052108.	2.1	22
107	Dynamics of efficiency:â€ƒA simple model. Physical Review E, 2001, 63, 045101.	2.1	21
108	Impurity in a Maxwellian unforced granular fluid. European Physical Journal E, 2002, 8, 507-515.	1.6	21

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109	Percolation with multiple giant clusters. Journal of Physics A, 2005, 38, L417-L423.	1.6	21
110	Strong Mobility in Weakly Disordered Systems. Physical Review Letters, 2009, 102, 190602.	7.8	21
111	Annihilation of charged particles. Physical Review E, 1996, 53, 3154-3159.	2.1	20
112	Slow coarsening in an Ising chain with competing interactions. Journal of Physics A, 1998, 31, 9229-9240.	1.6	20
113	Ordering of random walks: the leader and the laggard. Journal of Physics A, 2003, 36, 1789-1799.	1.6	20
114	Phase transition with nonthermodynamic states in reversible polymerization. Physical Review E, 2008, 77, 061132.	2.1	20
115	Exciting hard spheres. Physical Review E, 2008, 78, 030301.	2.1	20
116	Exact solution of a two-type branching process: clone size distribution in cell division kinetics. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P07028.	2.3	20
117	First-passage exponents of multiple random walks. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 495008.	2.1	20
118	Densification and structural transitions in networks that grow by node copying. Physical Review E, 2016, 94, 062302.	2.1	20
119	Free fermions with a localized source. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 113108.	2.3	20
120	Aggregation processes with n-particle elementary reactions. Journal of Physics A, 1991, 24, 4697-4703.	1.6	18
121	Pattern formation by growing droplets: The touch-and-stop model of growth. Journal of Statistical Physics, 1994, 75, 507-523.	1.2	18
122	Statistics of weighted treelike networks. Physical Review E, 2005, 71, 036124.	2.1	18
123	Kinetics of first passage in a cone. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 495007.	2.1	18
124	Dynamics of repulsion processes. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P06012.	2.3	18
125	Steady oscillations in aggregation-fragmentation processes. Physical Review E, 2018, 98, 012109.	2.1	18
126	Kinetics of a monomer-monomer model of heterogeneous catalysis. Journal of Physics A, 1992, 25, 5831-5839.	1.6	17

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127	Random space-filling-tiling: fractal properties and kinetics. Journal of Physics A, 1994, 27, L381-L386.	1.6	17
128	Growth and structure of stochastic sequences. Journal of Physics A, 2002, 35, L557-L563.	1.6	17
129	Stable distributions in stochastic fragmentation. Journal of Physics A, 2004, 37, 2863-2880.	1.6	17
130	Transition from small to large world in growing networks. Europhysics Letters, 2008, 81, 30004.	2.0	17
131	Synchronization as Aggregation: Cluster Kinetics of Pulse-Coupled Oscillators. Physical Review Letters, 2015, 115, 064101.	7.8	17
132	Dynamics of microtubule instabilities. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, L05004-L05004.	2.3	16
133	Spatial evolution of tumors with successive driver mutations. Physical Review E, 2015, 92, 022705.	2.1	16
134	Smoothing a rock by chipping. Physical Review E, 2007, 75, 031119.	2.1	15
135	Optimally frugal foraging. Physical Review E, 2018, 97, 022110.	2.1	15
136	First-passage duality. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 093208.	2.3	15
137	Diffusive escape in a nonlinear shear flow: Life and death at the edge of a windy cliff. Journal of Statistical Physics, 1996, 82, 999-1014.	1.2	14
138	Two scales in asynchronous ballistic annihilation. Journal of Physics A, 1996, 29, L561-L568.	1.6	14
139	Aging and its distribution in coarsening processes. Physical Review E, 1997, 55, 6684-6689.	2.1	14
140	Mean-field theory of polynuclear surface growth. Journal of Physics A, 1998, 31, 5001-5012.	1.6	14
141	Coarsening in a driven Ising chain with conserved dynamics. Physical Review E, 1999, 60, 2670-2676.	2.1	14
142	Leadership statistics in random structures. Europhysics Letters, 2004, 65, 151-157.	2.0	14
143	Slow cooling of an Ising ferromagnet. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P02014.	2.3	14
144	Zero-temperature coarsening in the 2d Potts model. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P06018.	2.3	14

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145	Variational calculation of transport coefficients in diffusive lattice gases. Physical Review E, 2017, 95, 032121.	2.1	14
146	Phase transitions in systems with aggregation and shattering. Physical Review E, 2017, 96, 042138.	2.1	14
147	Epidemics with containment measures. Physical Review E, 2020, 102, 032305.	2.1	14
148	Stokes laws for ions in solutions with ion-induced inhomogeneity. The Journal of Physical Chemistry, 1991, 95, 6055-6057.	2.9	13
149	Growth of a single drop formed by diffusion and adsorption of monomers on a two-dimensional substrate. Physical Review E, 1993, 47, 1199-1202.	2.1	13
150	Comment on â€œKinematic Scaling and Crossover to Scale Invariance in Martensite Growthâ€• Physical Review Letters, 1996, 76, 3234-3234.	7.8	13
151	Aggregationâ€“fragmentation processes and decaying three-wave turbulence. Physical Review E, 2010, 81, 035303.	2.1	13
152	Fluctuations in polymer translocation. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P07007.	2.3	13
153	Stochastic aggregation: rate equations approach. Journal of Physics A, 2000, 33, 5465-5475.	1.6	12
154	Unicyclic components in random graphs. Journal of Physics A, 2004, 37, L189-L195.	1.6	12
155	Compact waves in microscopic nonlinear diffusion. Physical Review E, 2012, 85, 060103.	2.1	12
156	Interacting quantum walkers: two-body bosonic and fermionic bound states. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 475301.	2.1	12
157	Bulk diffusion in a kinetically constrained lattice gas. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 125002.	2.1	12
158	Dynamics of an unbounded interface between ordered phases. Physical Review E, 2004, 69, 026125.	2.1	11
159	Understanding search trees via statistical physics. Pramana - Journal of Physics, 2005, 64, 1175-1189.	1.8	11
160	Driven Brownian coagulation of polymers. Journal of Chemical Physics, 2012, 136, 204901.	3.0	11
161	Limiting shapes of Ising droplets, Ising fingers, and Ising solitons. Physical Review E, 2012, 85, 011152.	2.1	11
162	Outbreak size distributions in epidemics with multiple stages. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P07018.	2.3	11

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163	Joint distributions of partial and global maxima of a Brownian bridge. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 335002.	2.1	11
164	Emergent network modularity. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 073405.	2.3	11
165	Blast in a One-Dimensional Cold Gas: From Newtonian Dynamics to Hydrodynamics. Physical Review Letters, 2021, 126, 244503.	7.8	11
166	Polydisperse adsorption: Pattern formation kinetics, fractal properties, and transition to order. Physical Review E, 1998, 58, 3530-3536.	2.1	10
167	Does Good Mutation Help You Live Longer?. Physical Review Letters, 1999, 83, 1251-1254.	7.8	10
168	Kinetic anomalies in addition-aggregation processes. Journal of Physics A, 2003, 36, 4533-4542.	1.6	10
169	Finite-size fluctuations in interacting particle systems. Physical Review E, 2004, 69, 046113.	2.1	10
170	Growth Inside a Corner: The Limiting Interface Shape. Physical Review Letters, 2012, 108, 016102.	7.8	10
171	Reaction-diffusion process driven by a localized source: First-passage properties. Physical Review E, 2012, 85, 031124.	2.1	10
172	Symmetric exclusion process with a localized source. Physical Review E, 2012, 86, 041103.	2.1	10
173	Statistics of superior records. Physical Review E, 2013, 88, 022145.	2.1	10
174	Simple parking strategies. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 093404.	2.3	10
175	Occupation-time statistics of a gas of interacting diffusing particles. Physical Review E, 2019, 99, 052102.	2.1	10
176	Free bosons with a localized source. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 063101.	2.3	10
177	Divergence and consensus in majority rule. Physical Review E, 2021, 103, L060301.	2.1	10
178	Nonextensive Supercluster States in Aggregation with Fragmentation. Physical Review Letters, 2021, 127, 250602.	7.8	10
179	COLLAPSE OF SPHERICAL BUBBLES IN VISCOELASTIC LIQUIDS. Quarterly Journal of Mechanics and Applied Mathematics, 1991, 44, 549-557.	1.3	9
180	Cluster approximation for the contact process. Journal of Physics A, 1994, 27, L481-L487.	1.6	9

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181	Kinetics of catalytic reactions with diffusional relaxation. Physical Review E, 1995, 52, 3455-3461.	2.1	9
182	Alternating kinetics of annihilating random walks near a free interface. Journal of Physics A, 1998, 31, 2791-2799.	1.6	9
183	Stochastic aggregation: scaling properties. Journal of Physics A, 2000, 33, 5477-5487.	1.6	9
184	Phase transition in a traffic model with passing. Physical Review E, 2000, 62, 5935-5939.	2.1	9
185	Stratification in the preferential attachment network. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 475001.	2.1	9
186	Dynamics of random graphs with bounded degrees. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P11008.	2.3	9
187	Kinetics of ring formation. Physical Review E, 2011, 83, 061102.	2.1	9
188	Scaling behavior of threshold epidemics. European Physical Journal B, 2012, 85, 1.	1.5	9
189	Kinetic regimes in aggregating systems with spontaneous and collisional fragmentation. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 205001.	2.1	9
190	Slowly divergent drift in the field-driven Lorentz gas. Physical Review E, 1997, 56, 3822-3830.	2.1	8
191	Deterministic soluble model of coarsening. Physical Review E, 1997, 55, 252-256.	2.1	8
192	Condensates in driven aggregation processes. Physical Review E, 2007, 75, 011103.	2.1	8
193	Partition of networks into basins of attraction. Physical Review E, 2008, 78, 066111.	2.1	8
194	First-passage properties of the PÃ³lya urn process. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P07009.	2.3	8
195	Highly dispersed networks generated by enhanced redirection. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P04009.	2.3	8
196	Slow Kinetics of Brownian Maxima. Physical Review Letters, 2014, 113, 030604.	7.8	8
197	Emergence of clustering in an acquaintance model without homophily. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P11035.	2.3	8
198	Melting of an Ising quadrant. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 015005.	2.1	8

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199	Blast in the one-dimensional cold gas: Comparison of microscopic simulations with hydrodynamic predictions. Physics of Fluids, 2021, 33, 087113.	4.0	8
200	Domain growth with a finite critical radius of nucleation. Physical Review B, 1992, 45, 12699-12703.	3.2	7
201	Polymerization with freezing. Journal of Physics Condensed Matter, 2005, 17, S4249-S4262.	1.8	7
202	Random ancestor trees. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P06004.	2.3	7
203	On stochastic differential equations with random delay. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P10008.	2.3	7
204	Popularity-driven networking. Europhysics Letters, 2012, 97, 48003.	2.0	7
205	Persistence of random walk records. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 255002.	2.1	7
206	Quantum return probability of a system ofNnon-interacting lattice fermions. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 023104.	2.3	7
207	Kinetic models of a binary alloy at zero temperature. Journal of Statistical Physics, 1994, 74, 1211-1225.	1.2	6
208	Shepherd model for knot-limited polymer ejection from a capsid. Journal of Theoretical Biology, 2009, 261, 488-493.	1.7	6
209	Dynamics of a quantum particle in low-dimensional disordered systems with extended states. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P02031.	2.3	6
210	Discrete analogue of the Burgers equation. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 455003.	2.1	6
211	Molecular spiders on a plane. Physical Review E, 2012, 85, 061927.	2.1	6
212	Highly dispersed networks by enhanced redirection. Physical Review E, 2013, 88, 050802.	2.1	6
213	Limiting shapes in two-dimensional Ising ferromagnets. Physical Review E, 2013, 87, 062111.	2.1	6
214	Native ultrametricity of sparse random ensembles. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 035101.	2.1	6
215	Large deviations in one-dimensional random sequential adsorption. Physical Review E, 2020, 102, 062108.	2.1	6
216	Hopf bifurcation in addition-shattering kinetics. Physical Review E, 2021, 103, L040101.	2.1	6

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217	Kinetics of multilayer deposition: Models without screening. Journal of Chemical Physics, 1992, 97, 2134-2138.	3.0	5
218	Random geometric series. Journal of Physics A, 2004, 37, 5949-5957.	1.6	5
219	Probing non-integer dimensions. Journal of Physics Condensed Matter, 2007, 19, 065119.	1.8	5
220	Light impurity in an equilibrium gas. Physical Review E, 2011, 83, 011107.	2.1	5
221	Asymmetric exclusion process with global hopping. Physical Review E, 2013, 88, 042120.	2.1	5
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