

# Gunter M Schätz

## List of Publications by Year in descending order

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188  
papers

7,420  
citations

50276

46  
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60623

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192  
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192  
docs citations

192  
times ranked

1876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge-Current Correlation Identities for Stochastic Interacting Particle Systems. Springer Proceedings in Mathematics and Statistics, 2021, , 321-333.	0.2	0
2	A lattice Gas Model for Generic One-Dimensional Hamiltonian Systems. Journal of Statistical Physics, 2021, 183, 1.	1.2	0
3	Defect-induced anticorrelations in molecular motor traffic. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 255601.	2.1	0
4	Molecular motor traffic with a slow binding site. Journal of Theoretical Biology, 2021, 518, 110644.	1.7	1
5	On the stationary frequency of programmed ribosomal $\sim 1$ frameshift. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 043502.	2.3	1
6	Duality from integrability: annihilating random walks with pair deposition. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 355003.	2.1	3
7	Stochastic thermodynamics and modes of operation of a ribosome: A network theoretic perspective. Physical Review E, 2020, 101, 032402.	2.1	6
8	On the phase transition in the sublattice TASEP with stochastic blockage. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 425004.	2.1	4
9	Transition between dissipatively stabilized helical states. Physical Review Research, 2020, 2, .	3.6	3
10	Fluctuations in Stochastic Interacting Particle Systems. Springer Proceedings in Mathematics and Statistics, 2019, , 67-134.	0.2	1
11	Duality, supersymmetry and non-conservative random walks. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 054004.	2.3	3
12	Large Fluctuations in Two-Level Systems With Stimulated Emission. Theoretical and Mathematical Physics(Russian Federation), 2019, 198, 118-128.	0.9	2
13	Exact Results for the Isotropic Spin-1/2 Heisenberg Chain With Dissipative Boundary Driving. Theoretical and Mathematical Physics(Russian Federation), 2019, 198, 296-315.	0.9	1
14	Kardar-Parisi-Zhang universality of the Nagel-Schreckenberg model. Physical Review E, 2019, 100, 052111.	2.1	9
15	Stationary RNA polymerase fluctuations during transcription elongation. Physical Review E, 2019, 99, 012405.	2.1	4
16	RNA Polymerase interactions and elongation rate. Journal of Theoretical Biology, 2019, 462, 370-380.	1.7	11
17	Charge-current correlation equalities for quantum systems far from equilibrium. SciPost Physics, 2019, 6, .	4.9	13
18	Dynamical Universality Class of the Nagel-Schreckenberg and Related Models. , 2019, , 53-60.		0

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19	Self-duality and shock dynamics in the n-species priority ASEP. Stochastic Processes and Their Applications, 2018, 128, 1165-1207.	0.9	18
20	Effective quantum Zeno dynamics in dissipative quantum systems. Physical Review A, 2018, 98, .	2.5	21
21	On the Fibonacci Universality Classes in Nonlinear Fluctuating Hydrodynamics. Springer Proceedings in Mathematics and Statistics, 2018, , 149-167.	0.2	2
22	Central limit theorem and related results for the elephant random walk. Journal of Mathematical Physics, 2017, 58, .	1.1	45
23	Large fluctuations of radiation in stochastically activated two-level systems. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 455203.	2.1	4
24	Kardar-Parisi-Zhang modes in $d$ -dimensional directed polymers. Physical Review E, 2017, 96, 032119.	2.1	3
25	Solution of the Lindblad equation for spin helix states. Physical Review E, 2017, 95, 042128.	2.1	28
26	Conformal invariance in conditioned stochastic particle systems. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 314002.	2.1	3
27	A strong invariance principle for the elephant random walk. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 123207.	2.3	26
28	Conformal Invariance in Driven Diffusive Systems at High Currents. Physical Review Letters, 2017, 118, 030601.	7.8	39
29	Slip of grip of a molecular motor on a crowded track: Modeling shift of reading frame of ribosome on RNA template. Europhysics Letters, 2016, 114, 68005.	2.0	6
30	Duality Relations for the Periodic ASEP Conditioned on a Low Current. Springer Proceedings in Mathematics and Statistics, 2016, , 323-350.	0.2	4
31	Exact scaling solution of the mode coupling equations for non-linear fluctuating hydrodynamics in one dimension. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 093211.	2.3	19
32	Scaling limits for the exclusion process with a slow site. Stochastic Processes and Their Applications, 2016, 126, 800-831.	0.9	6
33	Self-duality for the two-component asymmetric simple exclusion process. Journal of Mathematical Physics, 2015, 56, .	1.1	26
34	Density profiles, dynamics, and condensation in the ZRP conditioned on an atypical current. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P11023.	2.3	54
35	Quantum Algebra Symmetry of the ASEP with Second-Class Particles. Journal of Statistical Physics, 2015, 161, 821-842.	1.2	15
36	Universality Classes in Two-Component Driven Diffusive Systems. Journal of Statistical Physics, 2015, 160, 835-860.	1.2	18

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37	Fibonacci family of dynamical universality classes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12645-12650.	7.1	83
38	The Space-Time Structure of Extreme Current and Activity Events in the ASEP. Springer Proceedings in Physics, 2015, , 13-28.	0.2	1
39	Conditioned Stochastic Particle Systems and Integrable Quantum Spin Systems. Springer Proceedings in Mathematics and Statistics, 2015, , 371-393.	0.2	3
40	Superdiffusive Modes in Two-Species Driven Diffusive Systems. Physical Review Letters, 2014, 112, .	7.8	19
41	Shocks and Antishocks in the ASEP Conditioned on a Low Current. Springer Proceedings in Mathematics and Statistics, 2014, , 113-128.	0.2	0
42	Microscopic Structure of Shocks and Antishocks in the ASEP Conditioned on Low Current. Journal of Statistical Physics, 2013, 152, 93-111.	1.2	51
43	Strong Reactivity Enhancement through Molecular Traffic Control in Zeolites. Chemie-Ingenieur-Technik, 2013, 85, 1671-1679.	0.8	9
44	Localization for a Random Walk in Slowly Decreasing Random Potential. Journal of Statistical Physics, 2013, 150, 285-298.	1.2	3
45	Non-Gaussian propagator for elephant random walks. Physical Review E, 2013, 88, 022115.	2.1	31
46	Dynamics of Instantaneous Condensation in the ZRP Conditioned on an Atypical Current. Entropy, 2013, 15, 5065-5083.	2.2	29
47	Antishocks in the ASEP with open boundaries conditioned on low current. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 295004.	2.1	12
48	Driven isotropic Heisenberg spin chain with arbitrary boundary twisting angle: Exact results. Physical Review E, 2013, 88, 062118.	2.1	47
49	Emergent motion of condensates in mass-transport models. Physical Review E, 2013, 87, 052116.	2.1	5
50	Exact Matrix Product Solution for the Boundary-Driven Lindblad $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">X \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{Chain}$ . Physical Review Letters, 2013, 110, 047201.	7.8	117
51	Unusual shock wave in two-species driven systems with an umbilic point. Physical Review E, 2012, 86, 031139.	2.1	5
52	Behavior of magnetic currents in anisotropic Heisenberg spin chains out of equilibrium. Physical Review E, 2012, 85, 031137.	2.1	14
53	Motion of condensates in non-Markovian zero-range dynamics. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P08014.	2.3	13
54	Diffusion in a logarithmic potential: scaling and selection in the approach to equilibrium. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P02001.	2.3	22

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55	Microscopic position and structure of a shock in CA 184. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 445003.	2.1	3
56	Strong Molecular Traffic Control Effect in TNU-9 Zeolite Channel Topology. Journal of Physical Chemistry B, 2011, 115, 15289-15294.	2.6	3
57	Generalized Green Functions and Current Correlations in the TASEP. Journal of Statistical Physics, 2011, 142, 754-791.	1.2	7
58	Transition Probabilities and Dynamic Structure Function in the ASEP Conditioned on Strong Flux. Journal of Statistical Physics, 2011, 142, 627-639.	1.2	56
59	Loss of Ergodicity in the Transition from Annealed to Quenched Disorder in a Finite Kinetic Ising Model. Journal of Statistical Physics, 2011, 142, 984-999.	1.2	3
60	Current Symmetries for Particle Systems with Several Conservation Laws. Journal of Statistical Physics, 2011, 145, 1499-1512.	1.2	22
61	Mean bubble formation time in DNA denaturation. Europhysics Letters, 2011, 96, 68003.	2.0	2
62	Large deviation functions in a system of diffusing particles with creation and annihilation. Physical Review E, 2011, 84, 021131.	2.1	5
63	Approach to equilibrium of diffusion in a logarithmic potential. Physical Review E, 2011, 84, 041111.	2.1	39
64	Cellular automaton model for molecular traffic jams. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P07007.	2.3	5
65	Bethe Ansatz Solution of the Finite Bernoulli Matching Model of Sequence Alignment. Springer Proceedings in Mathematics, 2011, , 599-606.	0.5	0
66	Quenched invariance principle for the Knudsen stochastic billiard in a random tube. Annals of Probability, 2010, 38, .	1.8	19
67	Determinant Representation for Some Transition Probabilities in the TASEP with Second Class Particles. Journal of Statistical Physics, 2010, 140, 900-916.	1.2	11
68	Knudsen Gas in a Finite Random Tube: Transport Diffusion and First Passage Properties. Journal of Statistical Physics, 2010, 140, 948-984.	1.2	28
69	The importance of boundary effects in diffusion of hydrocarbon molecules in a one-dimensional zeolite channel. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P01017.	2.3	1
70	ASEP on a ring conditioned on enhanced flux. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P10007.	2.3	84
71	Green functions for the TASEP with sublattice parallel update. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P04022.	2.3	11
72	Condensation in Temporally Correlated Zero-Range Dynamics. Physical Review Letters, 2009, 103, 090602.	7.8	35

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73	The robustness of spontaneous symmetry breaking in a bridge model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 485002.	2.1	18
74	Short-time behaviour of demand and price viewed through an exactly solvable model for heterogeneous interacting market agents. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 4126-4144.	2.6	7
75	Billiards in a General Domain with Random Reflections. <i>Archive for Rational Mechanics and Analysis</i> , 2009, 191, 497-537.	2.4	51
76	Diffusion of a hydrocarbon mixture in a one-dimensional zeolite channel: An exclusion model approach. <i>Microporous and Mesoporous Materials</i> , 2009, 125, 143-148.	4.4	9
77	RNA polymerase motors: dwell time distribution, velocity and dynamical phases. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P08018.	2.3	17
78	Discontinuous Condensation Transition and Nonequivalence of Ensembles in a Zero-Range Process. <i>Journal of Statistical Physics</i> , 2008, 132, 77-108.	1.2	36
79	Instability of condensation in the zero-range process with random interaction. <i>Physical Review E</i> , 2008, 78, 030101.	2.1	21
80	Molecular traffic control for a cracking reaction. <i>Journal of Catalysis</i> , 2008, 253, 191-199.	6.2	15
81	Asymmetric simple exclusion process with periodic boundary driving. <i>Physical Review E</i> , 2008, 78, 011122.	2.1	24
82	Exact solution of the Bernoulli matching model of sequence alignment. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2008, 2008, P09007.	2.3	9
83	Exact solution of a stochastic susceptible-infectious-recovered model. <i>Physical Review E</i> , 2008, 78, 061132.	2.1	11
84	Phase transition in the two-component symmetric exclusion process with open boundaries. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P08028-P08028.	2.3	19
85	Phase transitions in a cellular automaton model of a highway on-ramp. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 11221-11243.	2.1	18
86	Fluctuation theorems for stochastic dynamics. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P07020-P07020.	2.3	303
87	Hydrodynamics of the Zero-Range Process in the Condensation Regime. <i>Journal of Statistical Physics</i> , 2007, 127, 419-430.	1.2	13
88	Rigorous Results on Spontaneous Symmetry Breaking in a One-Dimensional Driven Particle System. <i>Journal of Statistical Physics</i> , 2007, 128, 587-606.	1.2	22
89	Mini-Workshop: Particle Systems with Several Conservation Laws: Fluctuations and Hydrodynamic Limit. <i>Oberwolfach Reports</i> , 2006, 2, 1199-1230.	0.0	0
90	Phase separation in one-dimensional stochastic particle systems?. <i>Bulletin of the Brazilian Mathematical Society</i> , 2006, 37, 523-535.	0.8	10

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91	Breakdown of Gallavotti-Cohen symmetry for stochastic dynamics. Europhysics Letters, 2006, 75, 227-233.	2.0	66
92	Dynamical scaling for probe particles in a driven fluid. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P11001-P11001.	2.3	10
93	Amplification of molecular traffic control in catalytic grains with novel channel topology design. Journal of Chemical Physics, 2006, 124, 214701.	3.0	12
94	Shocks in the asymmetric exclusion process with internal degree of freedom. Physical Review E, 2006, 74, 051108.	2.1	27
95	Molecular traffic control in porous nanoparticles. Applied Catalysis A: General, 2005, 288, 194-202.	4.3	18
96	Current Distribution and Random Matrix Ensembles for an Integrable Asymmetric Fragmentation Process. Journal of Statistical Physics, 2005, 118, 511-530.	1.2	73
97	Zero-Range Process with Open Boundaries. Journal of Statistical Physics, 2005, 120, 759-778.	1.2	85
98	Dynamical origin of spontaneous symmetry breaking in a field-driven nonequilibrium system. Europhysics Letters, 2005, 71, 542-548.	2.0	35
99	Long-range attraction between probe particles mediated by a driven fluid. Europhysics Letters, 2005, 70, 565-571.	2.0	31
100	Absorbing phase transitions of unidirectionally coupled nonequilibrium systems. Physical Review E, 2005, 71, 046122.	2.1	2
101	Real-time dynamics in spin-1/2 chains with adaptive time-dependent density matrix renormalization group. Physical Review E, 2005, 71, 036102.	2.1	226
102	Entangling power of permutation-invariant quantum states. Physical Review A, 2005, 72, .	2.5	25
103	Diffusion of Particles on Lattices. , 2005, , 745-792.		6
104	Current fluctuations in the zero-range process with open boundaries. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P08003-P08003.	2.3	90
105	Diffusion on Fractals. , 2005, , 793-811.		3
106	Why spontaneous symmetry breaking disappears in a bridge system with PDE-friendly boundaries. Journal of Statistical Mechanics: Theory and Experiment, 2004, 2004, P12004.	2.3	36
107	Phase transitions and correlations in the bosonic pair contact process with diffusion: exact results. Journal of Physics A, 2004, 37, 4709-4722.	1.6	18
108	Exclusion process for particles of arbitrary extension: hydrodynamic limit and algebraic properties. Journal of Physics A, 2004, 37, 8215-8231.	1.6	44

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109	On the universality of the fluctuation-dissipation ratio in non-equilibrium critical dynamics. <i>Journal of Physics A</i> , 2004, 37, 591-604.	1.6	32
110	Molecular traffic control in single-file networks with fast catalysts. <i>Physical Review E</i> , 2004, 69, 031102.	2.1	20
111	Exact Shock Measures and Steady-State Selection in a Driven Diffusive System with Two Conserved Densities. <i>Journal of Statistical Physics</i> , 2004, 117, 55-76.	1.2	32
112	Generalized scaling relations for unidirectionally coupled nonequilibrium systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 341, 136-144.	2.6	3
113	Elephants can always remember: Exact long-range memory effects in a non-Markovian random walk. <i>Physical Review E</i> , 2004, 70, 045101.	2.1	181
114	Reaction fronts in stochastic exclusion models with three-site interactions. <i>New Journal of Physics</i> , 2004, 6, 120-120.	2.9	15
115	Shocks and Excitation Dynamics in a Driven Diffusive Two-Channel System. <i>Journal of Statistical Physics</i> , 2003, 112, 523-540.	1.2	77
116	Condensation in the Zero Range Process: Stationary and Dynamical Properties. <i>Journal of Statistical Physics</i> , 2003, 113, 389-410.	1.2	161
117	Critical phenomena and universal dynamics in one-dimensional driven diffusive systems with two species of particles. <i>Journal of Physics A</i> , 2003, 36, R339-R379.	1.6	117
118	Microscopic structure of travelling wave solutions in a class of stochastic interacting particle systems. <i>New Journal of Physics</i> , 2003, 5, 145-145.	2.9	56
119	Diffusion in a generalized Rubinstein-Duke model of electrophoresis with kinematic disorder. <i>Physical Review E</i> , 2003, 67, 061806.	2.1	1
120	Localization of shocks in driven diffusive systems without particle number conservation. <i>Physical Review E</i> , 2003, 67, 066117.	2.1	134
121	Hysteresis in One-Dimensional Reaction-Diffusion Systems. <i>Physical Review Letters</i> , 2003, 91, 238302.	7.8	29
122	Phase-separation transition in one-dimensional driven models. <i>Physical Review E</i> , 2003, 68, 035101.	2.1	57
123	Criterion for Phase Separation in One-Dimensional Driven Systems. <i>Physical Review Letters</i> , 2002, 89, 035702.	7.8	152
124	Density matrix renormalization group studies of the effect of constraint release on the viscosity of polymer melts. <i>Physical Review E</i> , 2002, 66, 021806.	2.1	11
125	A sufficient criterion for integrability of stochastic many-body dynamics and quantum spin chains. <i>Journal of Physics A</i> , 2002, 35, 7187-7204.	1.6	23
126	The distribution function of a semiflexible polymer and random walks with constraints. <i>Europhysics Letters</i> , 2002, 60, 546-551.	2.0	41



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127	Exact Hurst exponent and crossover behavior in a limit order market model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 316, 430-440.	2.6	37
128	Diffusion and Scattering of Shocks in the Partially Asymmetric Simple Exclusion Process. <i>Electronic Journal of Probability</i> , 2002, 7, .	1.0	39
129	Exactly Solvable Models for Many-Body Systems Far from Equilibrium. <i>Phase Transitions and Critical Phenomena</i> , 2001, 19, 1-251.	1.2	210
130	Minimal current phase and universal boundary layers in driven diffusive systems. <i>Physical Review E</i> , 2001, 63, 056110.	2.1	125
131	Empirical evidence for a boundary-induced nonequilibrium phase transition. <i>Journal of Physics A</i> , 2001, 34, L45-L52.	1.6	92
132	Symmetry effects and equivalences in lattice models of hydrophobic interaction. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 291, 24-38.	2.6	9
133	A Cellular Automaton Model for Two-Lane Traffic. <i>Journal of Statistical Physics</i> , 2001, 103, 945-971.	1.2	41
134	Nonequilibrium tube length fluctuations of entangled polymers. <i>Journal of Chemical Physics</i> , 2001, 114, 8737-8740.	3.0	2
135	Exact time-dependent correlation functions for the symmetric exclusion process with open boundary. <i>Physical Review E</i> , 2001, 64, 036107.	2.1	25
136	Exact Tracer Diffusion Coefficient in the Asymmetric Random Average Process. <i>Journal of Statistical Physics</i> , 2000, 99, 1045-1049.	1.2	8
137	Relaxation spectrum of the asymmetric exclusion process with open boundaries. <i>Journal of Physics A</i> , 2000, 33, 8351-8363.	1.6	56
138	Shocks in the asymmetric simple exclusion process in a discrete-time update. <i>Journal of Physics A</i> , 2000, 33, 7919-7933.	1.6	31
139	Reaction-controlled diffusion. <i>Physical Review E</i> , 2000, 62, 6071-6077.	2.1	4
140	Asymmetric exclusion process with next-nearest-neighbor interaction: Some comments on traffic flow and a nonequilibrium reentrance transition. <i>Physical Review E</i> , 2000, 62, 83-93.	2.1	99
141	Gustavâ€Hertzâ€Preis: Phasenübergänge in offenen Vielteilchensystemen fern vom Gleichgewicht: Das Zusammenspiel von Stoßwellen und Dichtefluktuationen führt zu randinduzierten Phasenübergängen erster und zweiter Ordnung. <i>Physik Journal</i> , 2000, 56, 69-73.	0.1	1
142	Dynamical Theory of Steady State Selection in Open Driven Diffusive Systems. , 2000, , 227-232.		7
143	Relaxation and aging in quantum spin systems. <i>Europhysics Letters</i> , 1999, 47, 164-170.	2.0	20
144	Global Phase Diagram of a One-Dimensional Driven Lattice Gas. <i>Physical Review Letters</i> , 1999, 82, 10-13.	7.8	28

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145	Transport in the XX chain at zero temperature: Emergence of flat magnetization profiles. Physical Review E, 1999, 59, 4912-4918.	2.1	157
146	Steady-state selection in driven diffusive systems with open boundaries. Europhysics Letters, 1999, 48, 257-263.	2.0	183
147	Non-equilibrium relaxation law for entangled polymers. Europhysics Letters, 1999, 48, 623-628.	2.0	49
148	Dynamic matrix ansatz for integrable reaction-diffusion processes. European Physical Journal B, 1998, 5, 589-597.	1.5	25
149	Isotropic transverse XY chain with energy and magnetization currents. Physical Review E, 1998, 57, 5184-5189.	2.1	56
150	Phase diagram of one-dimensional driven lattice gases with open boundaries. Journal of Physics A, 1998, 31, 6911-6919.	1.6	322
151	Branching-annihilating random walks in one dimension: some exact results. Journal of Physics A, 1998, 31, 4381-4394.	1.6	15
152	Aging in two- and three-particle annihilation processes. Physical Review E, 1998, 57, 1388-1394.	2.1	7
153	Annihilating random walks in one-dimensional disordered media. Physical Review E, 1998, 57, 2563-2567.	2.1	13
154	Reaction-diffusion mechanisms and quantum spin systems. , 1998, , 78-102.		0
155	The Heisenberg Chain as a Dynamical Model for Protein Synthesis - Some Theoretical and Experimental Results. International Journal of Modern Physics B, 1997, 11, 197-202.	2.0	44
156	Inhomogeneous reptation of polymers. Physica A: Statistical Mechanics and Its Applications, 1997, 235, 440-450.	2.6	9
157	Duality relations for asymmetric exclusion processes. Journal of Statistical Physics, 1997, 86, 1265-1287.	1.2	70
158	Exact solution of the master equation for the asymmetric exclusion process. Journal of Statistical Physics, 1997, 88, 427-445.	1.2	203
159	Diffusion-limited annihilation in inhomogeneous environments. Zeitschrift für Physik B-Condensed Matter, 1997, 104, 583-590.	1.1	20
160	Pairwise balance and invariant measures for generalized exclusion processes. Journal of Physics A, 1996, 29, 837-843.	1.6	61
161	Diffusion-annihilation dynamics in one spatial dimension. Journal of Chemical Physics, 1996, 105, 2399-2407.	3.0	23
162	Nonequilibrium correlation functions in the $A+A \rightarrow O$ system with driven diffusion. Physical Review E, 1996, 53, 1475-1478.	2.1	19

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163	Magnetophoresis of tagged polymers. Europhysics Letters, 1996, 35, 139-144.	2.0	21
164	An Exactly Solvable Lattice Model for Inhomogeneous Interface Growth. Journal De Physique, I, 1996, 6, 1405-1410.	1.2	1
165	Reaction-diffusion processes of hard-core particles. Journal of Statistical Physics, 1995, 79, 243-264.	1.2	75
166	Application of Operator Algebras to Stochastic Dynamics and the Heisenberg Chain. Physical Review Letters, 1995, 75, 140-143.	7.8	92
167	Diffusion-annihilation in the presence of a driving field. Journal of Physics A, 1995, 28, 3405-3415.	1.6	42
168	Operator Algebra for Stochastic Dynamics and the Heisenberg Chain. Europhysics Letters, 1995, 29, 663-667.	2.0	54
169	Equivalences between stochastic systems. Journal of Physics A, 1995, 28, 6335-6344.	1.6	66
170	SCHRÖDINGER INVARIANCE IN DISCRETE STOCHASTIC SYSTEMS. , 1995, , 39-51.		0
171	SCHRÖDINGER INVARIANCE IN DISCRETE STOCHASTIC SYSTEMS. International Journal of Modern Physics B, 1994, 08, 3487-3499.	2.0	11
172	On $U_q$ [SU(2)]-Symmetric Driven Diffusion. Europhysics Letters, 1994, 26, 7-12.	2.0	65
173	Nonequilibrium dynamics of finite interfaces. Physical Review Letters, 1994, 72, 3266-3269.	7.8	3
174	Berry's phase in a one-dimensional quantum many-body system. Physical Review E, 1994, 49, 2461-2464.	2.1	5
175	Boundary-induced phase transitions in equilibrium and non-equilibrium systems. Physica A: Statistical Mechanics and Its Applications, 1994, 206, 187-195.	2.6	57
176	Non-Abelian symmetries of stochastic processes: Derivation of correlation functions for random-vertex models and disordered-interacting-particle systems. Physical Review E, 1994, 49, 2726-2741.	2.1	107
177	Phase transitions in an exactly soluble one-dimensional exclusion process. Journal of Statistical Physics, 1993, 72, 277-296.	1.2	501
178	The spin-1/2 XXZ Heisenberg chain, the quantum algebra $U_q[\mathfrak{sl}(2)]$ , and duality transformations for minimal models. Journal of Statistical Physics, 1993, 71, 923-966.	1.2	25
179	Generalized Bethe ansatz solution of a one-dimensional asymmetric exclusion process on a ring with blockage. Journal of Statistical Physics, 1993, 71, 471-505.	1.2	132
180	Time-dependent correlation functions in a one-dimensional asymmetric exclusion process. Physical Review E, 1993, 47, 4265-4277.	2.1	78

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181	'Duality twisted' boundary conditions in n-state Potts models. Journal of Physics A, 1993, 26, 4555-4563.	1.6	12
182	A new approach to the calculation of the central charge. Journal of Physics A, 1992, 25, 2161-2180.	1.6	1
183	Higher symmetries in the spin-one Zamolodchikov-Fateev hamiltonian with a finite number of sites and toroidal boundary conditions. Spectra and operator content of N = 1 superconformal systems. Nuclear Physics B, 1992, 370, 551-576.	2.5	3
184	Estimation of the central charge by Monte Carlo simulations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 256, 491-496.	4.1	4
185	Finite-size scaling spectra in the six-states quantum chains. Journal of Physics A, 1989, 22, 731-750.	1.6	4
186	Operator content of n-state quantum chains in the c=1 region. Journal of Physics A, 1988, 21, 2805-2824.	1.6	10
187	Finite-lattice extrapolation algorithms. Journal of Physics A, 1988, 21, 2617-2633.	1.6	179
188	N=1 superconformal invariance in the six-state quantum chain with free boundary conditions. Journal of Physics A, 1987, 20, L905-L910.	1.6	4