

Haye Hinrichsen

List of Publications by Year in descending order

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47
papers

3,241
citations

279798

23
h-index

223800

46
g-index

47
all docs

47
docs citations

47
times ranked

1498
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutual information as a two-point correlation function in stochastic lattice models. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P04021.	2.3	2
2	Entropy production of nonequilibrium steady states with irreversible transitions. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, L12001.	2.3	13
3	Non-equilibrium Dynamics, Thermalization and Entropy Production. Journal of Physics: Conference Series, 2011, 297, 012011.	0.4	12
4	Identifying universality classes of absorbing phase transitions by block renormalization. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P11023.	2.3	3
5	Absorbing boundaries in the conserved Manna model. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P07021.	2.3	1
6	Non-equilibrium phase transition in a spreading process on a timeline. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P02020.	2.3	7
7	Long-range epidemic spreading with immunization. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 185005.	2.1	23
8	Entropy estimates of small data sets. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 202001.	2.1	76
9	Local persistence in the directed percolation universality class. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P04015.	2.3	17
10	Crossover from directed percolation to mean field behavior in the diffusive contact process. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P04024.	2.3	2
11	Space representation of stochastic processes with delay. Physical Review E, 2008, 77, 031106.	2.1	2
12	Multicritical behaviour of the diluted contact process. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P01011-P01011.	2.3	12
13	Non-equilibrium phase transitions with long-range interactions. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P07006-P07006.	2.3	46
14	Is local scale invariance a generic property of ageing phenomena?. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, L06001-L06001.	2.3	12
15	The phase transition of the diffusive pair contact process revisited. Physica A: Statistical Mechanics and Its Applications, 2006, 361, 457-462.	2.6	26
16	Non-equilibrium phase transitions. Physica A: Statistical Mechanics and Its Applications, 2006, 369, 1-28.	2.6	88
17	Epidemic spreading with long-range infections and incubation times. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P09002-P09002.	2.3	19
18	Nonequilibrium wetting of finite samples. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P06002.	2.3	12

#	ARTICLE	IF	CITATIONS
19	Spreading with immunization in high dimensions. Journal of Statistical Mechanics: Theory and Experiment, 2004, 2004, P07011.	2.3	26
20	The non-equilibrium phase transition of the pair-contact process with diffusion. Journal of Physics A, 2004, 37, R117-R159.	1.6	72
21	Stochastic cellular automaton for the coagulation-fission process. Physica A: Statistical Mechanics and Its Applications, 2003, 320, 249-260.	2.6	14
22	Epidemic spreading with immunization and mutations. Physical Review E, 2003, 68, 016114.	2.1	27
23	Logarithmic roughening in a growth process with edge evaporation. Physical Review E, 2003, 67, 016110.	2.1	6
24	Epidemic processes with immunization. Physical Review E, 2003, 68, 036103.	2.1	22
25	Yang-Lee zeros for a nonequilibrium phase transition. Journal of Physics A, 2002, 35, 4527-4539.	1.6	37
26	Phase transition in a triplet process. Physical Review E, 2002, 66, 025101.	2.1	21
27	Multifractal current distribution in random-diode networks. Physical Review E, 2002, 65, 045104.	2.1	9
28	Cyclically coupled spreading and pair annihilation. Physica A: Statistical Mechanics and Its Applications, 2001, 291, 275-286.	2.6	33
29	Exact solution of a reaction-diffusion process with three-site interactions. Journal of Physics A, 2001, 34, 1561-1568.	1.6	46
30	Unusual Scaling for Pulsed Laser Deposition. Physical Review Letters, 2001, 87, 135701.	7.8	44
31	Pair contact process with diffusion: A new type of nonequilibrium critical behavior?. Physical Review E, 2001, 63, 036102.	2.1	60
32	Binary spreading process with parity conservation. Physical Review E, 2001, 63, 065103.	2.1	33
33	Critical Coarsening without Surface Tension: The Universality Class of the Voter Model. Physical Review Letters, 2001, 87, 045701.	7.8	285
34	First-order phase transition with a logarithmic singularity in a model with absorbing states. Physical Review E, 2000, 63, 016109.	2.1	4
35	Non-equilibrium critical phenomena and phase transitions into absorbing states. Advances in Physics, 2000, 49, 815-958.	14.4	1,387
36	On possible experimental realizations of directed percolation. Brazilian Journal of Physics, 2000, 30, 69-82.	1.4	93

#	ARTICLE	IF	CITATIONS
37	Critical behavior of roughening transitions in parity-conserving growth processes. Physical Review E, 1999, 60, 3842-3852.	2.1	20
38	Nonequilibrium critical behavior in unidirectionally coupled stochastic processes. Physical Review E, 1999, 59, 6381-6408.	2.1	32
39	Roughening Transition in a Model for Dimer Adsorption and Desorption. Physical Review Letters, 1999, 82, 1205-1208.	7.8	37
40	Stochastic lattice models with several absorbing states. Physical Review E, 1997, 55, 219-226.	2.1	101
41	Damage spreading in the Ising model. Physical Review E, 1997, 56, 94-98.	2.1	21
42	Universality properties of the stationary states in the one-dimensional coagulation-diffusion model with external particle input. Journal of Statistical Physics, 1997, 86, 1203-1235.	1.2	24
43	On matrix product ground states for reaction - diffusion models. Journal of Physics A, 1996, 29, 2643-2649.	1.6	66
44	Maximal localization in the presence of minimal uncertainties in positions and in momenta. Journal of Mathematical Physics, 1996, 37, 2121-2137.	1.1	201
45	Finite-size scaling studies of one-dimensional reaction-diffusion systems. Part I. Analytical results. Journal of Statistical Physics, 1995, 78, 1429-1470.	1.2	101
46	A two-parameter deformation of the SU (1 1) superalgebra and the XY quantum chain in a magnetic field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 350-354.	4.1	34
47	Observation of directed percolation—a class of nonequilibrium phase transitions. Physics Magazine, 0, 2, .	0.1	12