

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	Non-equilibrium critical phenomena and phase transitions into absorbing states. <i>Advances in Physics</i> , 2000, 49, 815-958.	14.4	1,387
2	Critical Coarsening without Surface Tension: The Universality Class of the Voter Model. <i>Physical Review Letters</i> , 2001, 87, 045701.	7.8	285
3	Maximal localization in the presence of minimal uncertainties in positions and in momenta. <i>Journal of Mathematical Physics</i> , 1996, 37, 2121-2137.	1.1	201
4	Finite-size scaling studies of one-dimensional reaction-diffusion systems. Part I. Analytical results. <i>Journal of Statistical Physics</i> , 1995, 78, 1429-1470.	1.2	101
5	Stochastic lattice models with several absorbing states. <i>Physical Review E</i> , 1997, 55, 219-226.	2.1	101
6	On possible experimental realizations of directed percolation. <i>Brazilian Journal of Physics</i> , 2000, 30, 69-82.	1.4	93
7	Non-equilibrium phase transitions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 369, 1-28.	2.6	88
8	Entropy estimates of small data sets. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 202001.	2.1	76
9	The non-equilibrium phase transition of the pair-contact process with diffusion. <i>Journal of Physics A</i> , 2004, 37, R117-R159.	1.6	72
10	On matrix product ground states for reaction - diffusion models. <i>Journal of Physics A</i> , 1996, 29, 2643-2649.	1.6	66
11	Pair contact process with diffusion: a new type of nonequilibrium critical behavior?. <i>Physical Review E</i> , 2001, 63, 036102.	2.1	60
12	Exact solution of a reaction-diffusion process with three-site interactions. <i>Journal of Physics A</i> , 2001, 34, 1561-1568.	1.6	46
13	Non-equilibrium phase transitions with long-range interactions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P07006-P07006.	2.3	46
14	Unusual Scaling for Pulsed Laser Deposition. <i>Physical Review Letters</i> , 2001, 87, 135701.	7.8	44
15	Roughening Transition in a Model for Dimer Adsorption and Desorption. <i>Physical Review Letters</i> , 1999, 82, 1205-1208.	7.8	37
16	Yang-Lee zeros for a nonequilibrium phase transition. <i>Journal of Physics A</i> , 2002, 35, 4527-4539.	1.6	37
17	A two-parameter deformation of the $SU(1 1)$ superalgebra and the XY quantum chain in a magnetic field. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 275, 350-354.	4.1	34
18	Cyclically coupled spreading and pair annihilation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 291, 275-286.	2.6	33

#	ARTICLE	IF	CITATIONS
19	Binary spreading process with parity conservation. <i>Physical Review E</i> , 2001, 63, 065103.	2.1	33
20	Nonequilibrium critical behavior in unidirectionally coupled stochastic processes. <i>Physical Review E</i> , 1999, 59, 6381-6408.	2.1	32
21	Epidemic spreading with immunization and mutations. <i>Physical Review E</i> , 2003, 68, 016114.	2.1	27
22	Spreading with immunization in high dimensions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2004, 2004, P07011.	2.3	26
23	The phase transition of the diffusive pair contact process revisited. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 361, 457-462.	2.6	26
24	Universality properties of the stationary states in the one-dimensional coagulation-diffusion model with external particle input. <i>Journal of Statistical Physics</i> , 1997, 86, 1203-1235.	1.2	24
25	Long-range epidemic spreading with immunization. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 185005.	2.1	23
26	Epidemic processes with immunization. <i>Physical Review E</i> , 2003, 68, 036103.	2.1	22
27	Damage spreading in the Ising model. <i>Physical Review E</i> , 1997, 56, 94-98.	2.1	21
28	Phase transition in a triplet process. <i>Physical Review E</i> , 2002, 66, 025101.	2.1	21
29	Critical behavior of roughening transitions in parity-conserving growth processes. <i>Physical Review E</i> , 1999, 60, 3842-3852.	2.1	20
30	Epidemic spreading with long-range infections and incubation times. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2005, 2005, P09002-P09002.	2.3	19
31	Local persistence in the directed percolation universality class. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2008, 2008, P04015.	2.3	17
32	Stochastic cellular automaton for the coagulation–fission process. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 320, 249-260.	2.6	14
33	Entropy production of nonequilibrium steady states with irreversible transitions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, L12001.	2.3	13
34	Nonequilibrium wetting of finite samples. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2005, 2005, P06002.	2.3	12
35	Is local scale invariance a generic property of ageing phenomena?. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2006, 2006, L06001-L06001.	2.3	12
36	Multicritical behaviour of the diluted contact process. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P01011-P01011.	2.3	12

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37	Observation of directed percolation – a class of nonequilibrium phase transitions. Physics Magazine, 0, 2, .	0.1	12
38	Non-equilibrium Dynamics, Thermalization and Entropy Production. Journal of Physics: Conference Series, 2011, 297, 012011.	0.4	12
39	Multifractal current distribution in random-diode networks. Physical Review E, 2002, 65, 045104.	2.1	9
40	Non-equilibrium phase transition in a spreading process on a timeline. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P02020.	2.3	7
41	Logarithmic roughening in a growth process with edge evaporation. Physical Review E, 2003, 67, 016110.	2.1	6
42	First-order phase transition with a logarithmic singularity in a model with absorbing states. Physical Review E, 2000, 63, 016109.	2.1	4
43	Identifying universality classes of absorbing phase transitions by block renormalization. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P11023.	2.3	3
44	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
45	Space representation of stochastic processes with delay. Physical Review E, 2008, 77, 031106.	2.1	2
46	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
47	Absorbing boundaries in the conserved Manna model. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P07021.	2.3	1