Hans Crauel

List of Publications by Year
in descending order

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19 papers	2,131 citations	623734 14 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	491 citing authors

#	Article	IF	Citations
1	Attractors for random dynamical systems. Probability Theory and Related Fields, 1994, 100, 365-393.	1.8	758
2	Random attractors. Journal of Dynamics and Differential Equations, 1997, 9, 307-341.	1.9	610
3	Additive Noise Destroys a Pitchfork Bifurcation. Journal of Dynamics and Differential Equations, 1998, 10, 259-274.	1.9	114
4	Global random attractors are uniquely determined by attracting deterministic compact sets. Annali Di Matematica Pura Ed Applicata, 1999, 176, 57-72.	1.0	86
5	Random Point Attractors Versus Random Set Attractors. Journal of the London Mathematical Society, 2001, 63, 413-427.	1.0	82
6	Hausdorff Dimension of Invariant Sets for Random Dynamical Systems. Journal of Dynamics and Differential Equations, 1998, 10, 449-474.	1.9	55
7	Markov measures for random dynamical systems. Stochastic and Stochastics Reports, 1991, 37, 153-173.	0.6	49
8	Extremal exponents of random dynamical systems do not vanish. Journal of Dynamics and Differential Equations, 1990, 2, 245-291.	1.9	46
9	Nonautonomous and Random Attractors. Deutsche Mathematiker Vereinigung Jahresbericht, 2015, 117, 173-206.	1.1	46
10	The effect of noise on the Chafee-Infante equation: A nonlinear case study. Proceedings of the American Mathematical Society, 2006, 135, 373-382.	0.8	40
11	Bifurcations of One-Dimensional Stochastic Differential Equations. , 1999, , 27-47.		26
12	TOWARDS A MORSE THEORY FOR RANDOM DYNAMICAL SYSTEMS. Stochastics and Dynamics, 2004, 04, 277-296.	1.2	19
13	Criteria for Strong and Weak Random Attractors. Journal of Dynamics and Differential Equations, 2009, 21, 233-247.	1.9	18
14	Lyapunov exponents and invariant measures of stochastic systems on manifolds. Lecture Notes in Mathematics, 1986, , 271-291.	0.2	17
15	The Abramov-Rokhlin formula. Lecture Notes in Mathematics, 1992, , 32-35.	0.2	17
16	Non-Markovian invariant measures are hyperbolic. Stochastic Processes and Their Applications, 1993, 45, 13-28.	0.9	12
17	Minimal random attractors. Journal of Differential Equations, 2018, 265, 702-718.	2.2	10
18	Stabilization of linear systems by rotation. Journal of Differential Equations, 2007, 234, 412-438.	2.2	7

#	Article	IF	Citations
19	Noise Assisted High-gain Stabilization: Almost Surely or in Second Mean. SIAM Journal on Control and Optimization, 2003, 42, 1834-1853.	2.1	4