Michael Salins

List of Publications by Year
in descending order

17 papers	87 citations	1478505 6 h-index	1474206 9 g-index
17 all docs	17 docs citations	17 times ranked	31 citing authors

#	Article	IF	Citations
1	Smoluchowski–Kramers approximation and large deviations for infinite dimensional gradient systems. Asymptotic Analysis, 2014, 88, 201-215.	0.5	15
2	Smoluchowski–Kramers approximation and large deviations for infinite-dimensional nongradient systems with applications to the exit problem. Annals of Probability, 2016, 44, .	1.8	15
3	Uniform large deviation principles for Banach space valued stochastic evolution equations. Transactions of the American Mathematical Society, 2019, 372, 8363-8421.	0.9	13
4	Markov processes with spatial delay: Path space characterization, occupation time and properties. Stochastics and Dynamics, 2017, 17, 1750042.	1.2	12
5	Equivalences and counterexamples between several definitions of the uniform large deviations principle. Probability Surveys, 2019, 16, .	1.3	8
6	On the Smoluchowski–Kramers approximation for a system with infinite degrees of freedom exposed to a magnetic field. Stochastic Processes and Their Applications, 2017, 127, 273-303.	0.9	6
7	Large deviations and averaging for systems of slow-fast stochastic reaction–diffusion equations. Stochastics and Partial Differential Equations: Analysis and Computations, 2019, 7, 808-874.	0.9	6
8	Smoluchowski–Kramers approximation for the damped stochastic wave equation with multiplicative noise in any spatial dimension. Stochastics and Partial Differential Equations: Analysis and Computations, 2019, 7, 86-122.	0.9	3
9	On dynamical systems perturbed by a null-recurrent motion: The general case. Stochastic Processes and Their Applications, 2017, 127, 1960-1997.	0.9	2
10	Uniform Large Deviations for a Class of Burgers-Type Stochastic Partial Differential Equations in any Space Dimension. Potential Analysis, 0, , 1.	0.9	2
11	Metastability and exit problems for systems of stochastic reaction–diffusion equations. Annals of Probability, 2021, 49, .	1.8	2
12	Rare event simulation via importance sampling for linear SPDE's. Stochastics and Partial Differential Equations: Analysis and Computations, 2017, 5, 652-690.	0.9	1
13	Existence and uniqueness for the mild solution of the stochastic heat equation with non-Lipschitz drift on an unbounded spatial domain. Stochastics and Partial Differential Equations: Analysis and Computations, 2021, 9, 714-745.	0.9	1
14	Systems of small-noise stochastic reaction–diffusion equations satisfy a large deviations principle that is uniform over all initial data. Stochastic Processes and Their Applications, 2021, 142, 159-194.	0.9	1
15	On Dynamical Systems Perturbed by a Null-Recurrent Fast Motion: The Continuous Coefficient Case with Independent Driving Noises. Journal of Theoretical Probability, 2016, 29, 1083-1099.	0.8	0
16	Moderate deviations for systems of slow–fast stochastic reaction–diffusion equations. Stochastics and Partial Differential Equations: Analysis and Computations, 0, , 1.	0.9	0
17	Existence and uniqueness of global solutions to the stochastic heat equation with superlinear drift on an unbounded spatial domain. Stochastics and Dynamics, 0, , .	1.2	0