Alberto Lanconelli

List of Publications by Year
in descending order

34 papers	139 citations	1307594 7 h-index	1281871 11 g-index
34 all docs	34 docs citations	34 times ranked	51 citing authors

#	Article	IF	Citations
1	On a new method for the stochastic perturbation of the disease transmission coefficient in SIS models. Applied Mathematics and Computation, 2022, 413, 126600.	2.2	5
2	A general model system related to affine stochastic differential equations. Stochastics and Dynamics, 2021, 21, 2150001.	1.2	0
3	Wong–Zakai approximations for quasilinear systems of Itô's type stochastic differential equations. Stochastic Processes and Their Applications, 2021, 141, 57-78.	0.9	2
4	Absolute continuity and Fokker-Planck equation for the law of Wong-Zakai approximations of Itô's stochastic differential equations. Journal of Mathematical Analysis and Applications, 2020, 482, 123557.	1.0	1
5	Gaussian lower bounds for non-homogeneous Kolmogorov equations with measurable coefficients. Journal of Evolution Equations, 2020, 20, 1399-1417.	1.1	8
6	Rate of Convergence for Wong–Zakai-Type Approximations of Itô Stochastic Differential Equations. Journal of Theoretical Probability, 2019, 32, 1780-1803.	0.8	2
7	On a Class of Stochastic Differential Equations with Random and Hölder Continuous Coefficients Arising in Biological Modeling. Journal of Nonlinear Science, 2019, 29, 2657-2679.	2.1	1
8	Prohorov-Type Local Limit Theorems on Abstract Wiener Spaces. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.8	0
9	Standardizing densities on Gaussian spaces. Statistics and Probability Letters, 2018, 137, 243-250.	0.7	1
10	Nash Estimates and Upper Bounds for Non-homogeneous Kolmogorov Equations. Potential Analysis, 2017, 47, 461-483.	0.9	7
11	A new approach to Poincaré-type inequalities on the Wiener space. Stochastics and Dynamics, 2016, 16, 1650002.	1.2	3
12	A sharp interpolation between the Hölder and Gaussian Young inequalities. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2016, 19, 1650001.	0.5	1
13	A note on a local limit theorem for Wiener space valued random variables. Bernoulli, 2016, 22, .	1.3	3
14	An extension of the Beckner's type Poincaré inequality to convolution measures on abstract Wiener spaces. Stochastic Analysis and Applications, 2016, 34, 47-64.	1.5	7
15	On stochastic differential equations driven by the renormalized square of the Gaussian white noise. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2015, 18, 1550025.	0.5	0
16	Quantum white noise convolution operators with application to differential equations. Random Operators and Stochastic Equations, 2014, 22, 195-211.	0.1	11
17	A Comparison Theorem for Stochastic Differential Equations Under the Novikov Condition. Potential Analysis, 2014, 41, 1065-1077.	0.9	0
18	An Itô formula for a family of stochastic integrals and related Wong–Zakai theorems. Stochastic Processes and Their Applications, 2013, 123, 3183-3200.	0.9	17

#	Article	IF	Citations
19	A HÃ—LDER INEQUALITY FOR NORMS OF POISSONIAN WICK PRODUCTS. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2013, 16, 1350022.	0.5	5
20	On a new probabilistic representation for the solution of the heat equation. Stochastics, 2012, 84, 171-181.	1.1	5
21	WICK CALCULUS FOR THE SQUARE OF A GAUSSIAN RANDOM VARIABLE WITH APPLICATION TO YOUNG AND HYPERCONTRACTIVE INEQUALITIES. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2012, 15, 1250018.	0.5	3
22	A HÃ—LDERâ€"YOUNGâ€"LIEB INEQUALITY FOR NORMS OF GAUSSIAN WICK PRODUCTS. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2011, 14, 375-407.	0.5	12
23	Some Norm Inequalities for Gaussian Wick Products. Stochastic Analysis and Applications, 2010, 28, 523-539.	1.5	6
24	A REMARK ON THE RENORMALIZED SQUARE OF THE SOLUTION OF THE STOCHASTIC HEAT EQUATION AND ON ITS ASSOCIATED EVOLUTION. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2009, 12, 497-502.	0.5	3
25	A note on the invariance under change of measure for stochastic test functions and distribution spaces. Statistics and Probability Letters, 2008, 78, 3135-3138.	0.7	1
26	HÃ¶lder-Type Inequalities for Norms of Wick Products. Journal of Applied Mathematics and Stochastic Analysis, 2008, 2008, 1-22.	0.3	4
27	The Ornstein-Uhlenbeck Equation and a Related Malliavin Calculus. Mediterranean Journal of Mathematics, 2007, 4, 151-161.	0.8	0
28	Translated Brownian Motions and Associated Wick Products. Stochastic Analysis and Applications, 2006, 24, 795-811.	1.5	2
29	BAYES' FORMULA FOR SECOND QUANTIZATION OPERATORS. Stochastics and Dynamics, 2006, 06, 245-253.	1.2	1
30	Wick Product and Backward Heat Equation. Mediterranean Journal of Mathematics, 2005, 2, 367-379.	0.8	6
31	Computing conditional expectations of multidimensional diffusion processes. Stochastics, 2005, 77, 315-326.	1.1	1
32	ON EXPLICIT STRONG SOLUTION OF ITÃ"â€"SDE'S AND THE DONSKER DELTA FUNCTION OF A DIFFUSION. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2004, 07, 437-447.	0.5	20
33	A Small Time Approximation for the Solution to the Zakai Equation. Potential Analysis, 0, , 1.	0.9	0
34	A note about the invariance of the basic reproduction number for stochastically perturbed SIS models. Studies in Applied Mathematics, 0, , .	2.4	1