Alberto Lanconelli

List of Publications by Year
in descending order

34	139	1307594 7	1281871 11
papers	citations	h-index	g-index

34	34	34	51
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	An ItÃ´ formula for a family of stochastic integrals and related Wongâ€“Zakai theorems. Stochastic Processes and Their Applications, 2013, 123, 3183-3200.	0.9	17
3	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
4	Quantum white noise convolution operators with application to differential equations. Random Operators and Stochastic Equations, 2014, 22, 195-211.	0.1	11
5	Gaussian lower bounds for non-homogeneous Kolmogorov equations with measurable coefficients. Journal of Evolution Equations, 2020, 20, 1399-1417.	1.1	8
6	An extension of the Becknerâ€™s type PoincarÃ© inequality to convolution measures on abstract Wiener spaces. Stochastic Analysis and Applications, 2016, 34, 47-64.	1.5	7
7	Nash Estimates and Upper Bounds for Non-homogeneous Kolmogorov Equations. Potential Analysis, 2017, 47, 461-483.	0.9	7
8	Wick Product and Backward Heat Equation. Mediterranean Journal of Mathematics, 2005, 2, 367-379.	0.8	6
9	Some Norm Inequalities for Gaussian Wick Products. Stochastic Analysis and Applications, 2010, 28, 523-539.	1.5	6
10	On a new probabilistic representation for the solution of the heat equation. Stochastics, 2012, 84, 171-181.	1.1	5
11	A HÃ–LDER INEQUALITY FOR NORMS OF POISSONIAN WICK PRODUCTS. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2013, 16, 1350022.	0.5	5
12	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
13	HÃ¶lder-Type Inequalities for Norms of Wick Products. Journal of Applied Mathematics and Stochastic Analysis, 2008, 2008, 1-22.	0.3	4
14	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
15	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
16	A new approach to PoincarÃ©-type inequalities on the Wiener space. Stochastics and Dynamics, 2016, 16, 1650002.	1.2	3
17	A note on a local limit theorem for Wiener space valued random variables. Bernoulli, 2016, 22, .	1.3	3
18	Translated Brownian Motions and Associated Wick Products. Stochastic Analysis and Applications, 2006, 24, 795-811.	1.5	2

#	Article	IF	Citations
19	Rate of Convergence for Wongâ€“Zakai-Type Approximations of ItÃ´ Stochastic Differential Equations. Journal of Theoretical Probability, 2019, 32, 1780-1803.	0.8	2
20	Wongâ€“Zakai approximations for quasilinear systems of ItÃ´â€™s type stochastic differential equations. Stochastic Processes and Their Applications, 2021, 141, 57-78.	0.9	2
21	Computing conditional expectations of multidimensional diffusion processes. Stochastics, 2005, 77, 315-326.	1.1	1
22	BAYES' FORMULA FOR SECOND QUANTIZATION OPERATORS. Stochastics and Dynamics, 2006, 06, 245-253.	1.2	1
23	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
24	A sharp interpolation between the HÃ¶lder and Gaussian Young inequalities. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2016, 19, 1650001.	0.5	1
25	Standardizing densities on Gaussian spaces. Statistics and Probability Letters, 2018, 137, 243-250.	0.7	1
26	On a Class of Stochastic Differential Equations with Random and HÃ¶lder Continuous Coefficients Arising in Biological Modeling. Journal of Nonlinear Science, 2019, 29, 2657-2679.	2.1	1
27	Absolute continuity and Fokker-Planck equation for the law of Wong-Zakai approximations of ItÃ´s stochastic differential equations. Journal of Mathematical Analysis and Applications, 2020, 482, 123557.	1.0	1
28	A note about the invariance of the basic reproduction number for stochastically perturbed SIS models. Studies in Applied Mathematics, 0, , .	2.4	1
29	The Ornstein-Uhlenbeck Equation and a Related Malliavin Calculus. Mediterranean Journal of Mathematics, 2007, 4, 151-161.	0.8	0
30	A Comparison Theorem for Stochastic Differential Equations Under the Novikov Condition. Potential Analysis, 2014, 41, 1065-1077.	0.9	0
31	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
32	Prohorov-Type Local Limit Theorems on Abstract Wiener Spaces. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.8	0
33	A general model system related to affine stochastic differential equations. Stochastics and Dynamics, 2021, 21, 2150001.	1.2	0
34	A Small Time Approximation for the Solution to the Zakai Equation. Potential Analysis, 0, , 1.	0.9	0