

JÃ©rÃ©mie Unterberger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1625560/publications.pdf>

Version: 2024-02-01

14
papers

214
citations

1478505

6
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact dynamics of a one dimensional Bose gas in a periodic time-dependent harmonic trap. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 185001.	2.1	10
2	The Scaling Limit of the KPZ Equation in Space Dimension 3 and Higher. Journal of Statistical Physics, 2018, 171, 543-598.	1.2	37
3	Global fluctuations for 1D log-gas dynamics. Stochastic Processes and Their Applications, 2018, 128, 4104-4153.	0.9	3
4	A Renormalized Rough Path over Fractional Brownian Motion. Communications in Mathematical Physics, 2013, 320, 603-636.	2.2	5
5	Ordered Forests, Permutations, and Iterated Integrals. International Mathematics Research Notices, 2013, 2013, 846-885.	1.0	6
6	MODE D'EMPLOI DE LA THÉORIE CONSTRUCTIVE DES CHAMPS BOSONIQUES: avec une application aux chemins rugueux. Confluentes Mathematici, 2012, 04, 1240004.	0.2	4
7	From Constructive Field Theory to Fractional Stochastic Calculus. (II) Constructive Proof of Convergence for the Lévy Area of Fractional Brownian Motion with Hurst Index $\alpha \in (\frac{1}{8}, \frac{1}{4})$. Annales Henri Poincaré, 2012, 13, 209-270.	1.7	3
8	From Constructive Field Theory to Fractional Stochastic Calculus. (I) An introduction: Rough Path Theory and Perturbative Heuristics. Annales Henri Poincaré, 2011, 12, 1199.	1.7	5
9	The rough path associated to the multidimensional analytic fBm with any Hurst parameter. Collectanea Mathematica, 2011, 62, 197-223.	0.9	4
10	Hölder-Continuous Rough Paths by Fourier Normal Ordering. Communications in Mathematical Physics, 2010, 298, 1-36.	2.2	21
11	A rough path over multidimensional fractional Brownian motion with arbitrary Hurst index by Fourier normal ordering. Stochastic Processes and Their Applications, 2010, 120, 1444-1472.	0.9	16
12	A Hamiltonian Action of the Schrödinger-Virasoro Algebra on a Space of Periodic Time-Dependent Schrödinger Operators in $(1 + 1)$ -Dimensions. Journal of Nonlinear Mathematical Physics, 2010, 17, 257.	1.3	2
13	Stochastic calculus for fractional Brownian motion with Hurst exponent $H > \frac{1}{4}$: A rough path method by analytic extension. Annals of Probability, 2009, 37, .	1.8	28
14	The Schrödinger-Virasoro Lie Group and Algebra: Representation Theory and Cohomological Study. Annales Henri Poincaré, 2006, 7, 1477-1529.	1.7	70