Hassan Allouba

List of Publications by Year
in descending order

16 papers	244 citations	1040056 9 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	64 citing authors

#	Article	IF	Citations
1	Brownian-time processes: The PDE Connection and the half-derivative generator. Annals of Probability, 2001, 29, .	1.8	65
2	Brownian-time processes: The PDE connection II and the corresponding Feynman-Kac formula. Transactions of the American Mathematical Society, 2002, 354, 4627-4637.	0.9	47
3	A linearized Kuramotoâ€“Sivashinsky PDE via an imaginary-Brownian-time-Brownian-angle process. Comptes Rendus Mathematique, 2003, 336, 309-314.	0.3	18
4	Brownian-time Brownian motion SIEs on $mathbb{R}_{+}$ Ã— $mathbb{R}^d$: Ultra regular direct and lattice-limits solutions and fourth order SPDEs links. Discrete and Continuous Dynamical Systems, 2013, 33, 413-463.	0.9	17
5	A BROWNIAN-TIME EXCURSION INTO FOURTH-ORDER PDES, LINEARIZED KURAMOTOâ€“SIVASHINSKY, AND BTP-SPDES ON â„+ Ã— â„d. Stochastics and Dynamics, 2006, 06, 521-534.	1.2	16
6	L-Kuramotoâ€“Sivashinsky SPDEs vs. time-fractional SPIDEs: Exact continuity and gradient moduli, 1/2-derivative criticality, and laws. Journal of Differential Equations, 2017, 263, 1552-1610.	2.2	12
7	L-Kuramotoâ€“Sivashinsky SPDEs in one-to-three dimensions: L-KS kernel, sharp HÃ¶lder regularity, and Swiftâ€“Hohenberg law equivalence. Journal of Differential Equations, 2015, 259, 6851-6884.	2.2	11
8	Uniqueness in law for the Allenâ€“Cahn SPDE via change of measure. Comptes Rendus Mathematique, 2000, 330, 371-376.	0.5	10
9	INTERACTING TIME-FRACTIONAL AND Î"Î½ PDES SYSTEMS VIA BROWNIAN-TIME AND INVERSE-STABLE-LÃ‰VY-TIME BROWNIAN SHEETS. Stochastics and Dynamics, 2013, 13, 1250012.	1.2	10
10	Time-fractional and memoryful $Delta^{2^{k}}$ SIEs on $mathbb{R}_{+}imesmathbb{R}^{d}$: How far can we push white noise?. Illinois Journal of Mathematics, 2013, 57, .	0.1	10
11	A Differentiation Theory for ItÃ´s Calculus. Stochastic Analysis and Applications, 2006, 24, 367-380.	1.5	8
12	SPDEs law equivalence and the compact support property: applications to the Allenâ€“Cahn SPDE. Comptes Rendus Mathematique, 2000, 331, 245-250.	0.5	7
13	From Brownian-Time Brownian Sheet to a Fourth Order and a Kuramotoâ€“Sivashinsky-Variant Interacting PDEs Systems. Stochastic Analysis and Applications, 2011, 29, 933-950.	1.5	7
14	A non-nonstandard proof of Reimers' existence result for heat SPDEs. Journal of Applied Mathematics and Stochastic Analysis, 1998, 11, 29-41.	0.3	5
15	Applications of the Quadratic Covariation Differentiation Theory: Variants of the Clark-Ocone and Stroock's Formulas. Stochastic Analysis and Applications, 2011, 29, 1111-1135.	1.5	1
16	Super-Tree Random Measures. Journal of Theoretical Probability, 1997, 10, 773-794.	0.8	0