Gianmario Tessitore

List of Publications by Citations

37 papers	574 citations	17 h-index	23 g-index
39 ext. papers	645 ext. citations	1.4 avg, IF	3.93 L-index

#	Paper	IF	Citations
37	Wong-Zakai approximations of stochastic evolution equations. *Journal of Evolution Equations*, **2006**, 6, 621-655	1.2	53
36	Carleman Estimates and Controllability of Linear Stochastic Heat Equations. *Applied Mathematics and Optimization*, **2003**, 47, 97-120	1.5	50
35	Ergodic BSDEs under weak dissipative assumptions. *Stochastic Processes and Their Applications*, **2011**, 121, 407-426	1.1	39
34	Ergodic BSDEs and Optimal Ergodic Control in Banach Spaces. *SIAM Journal on Control and Optimization*, **2009**, 48, 1542-1566	1.9	38
33	Existence, uniqueness and space regularity of the adapted solutions of a backward spde. *Stochastic Analysis and Applications*, **1996**, 14, 461-486	1.1	38
32	Infinite horizon backward stochastic differential equations and elliptic equations in Hilbert spaces. *Annals of Probability*, **2004**, 32, 607	1.9	32
31	Optimal control of a stochastic heat equation with boundary-noise and boundary-control. *ESAIM - Control, Optimisation and Calculus of Variations*, **2007**, 13, 178-205	1	31
30	Stochastic Equations with Delay: Optimal Control via BSDEs and Regular Solutions of Hamilton–Jacobi–Bellman Equations. *SIAM Journal on Control and Optimization*, **2010**, 48, 4624-4651	1.9	30
29	Stochastic Maximum Principle for Optimal Control of SPDEs. *Applied Mathematics and Optimization*, **2013**, 68, 181-217	1.5	29
28	The Bismut-Elworthy formula for backward SDE’s and applications to nonlinear Kolmogorov equations and control in infinite dimensional spaces. *Stochastic and Stochastics Reports*, **2002**, 74, 429-464		27
27	On the Backward Stochastic Riccati Equation in Infinite Dimensions. *SIAM Journal on Control and Optimization*, **2005**, 44, 159-194	1.9	24
26	Generalized Directional Gradients, Backward Stochastic Differential Equations and Mild Solutions of Semilinear Parabolic Equations. *Applied Mathematics and Optimization*, **2005**, 51, 279-332	1.5	24
25	BSDE on an infinite horizon and elliptic PDEs in infinite dimension. *Nonlinear Differential Equations and Applications*, **2007**, 14, 825-846	0.8	23
24	Null controllability of an infinite dimensional SDE with state- and control-dependent noise. *Systems and Control Letters*, **2001**, 44, 385-394	2.4	22
23	Some Remarks on the Riccati Equation Arising in an Optimal Control Problem with State- and Control-Dependent Noise. *SIAM Journal on Control and Optimization*, **1992**, 30, 717-744	1.9	20
22	Stochastic maximum principle for optimal control of SPDEs. *Comptes Rendus Mathematique*, **2012**, 350, 683-688	0.4	17
21	Backward Stochastic Riccati Equations and Infinite Horizon L-Q Optimal Control with Infinite Dimensional State Space and Random Coefficients. *Applied Mathematics and Optimization*, **2008**, 57, 207-235	1.5	17

20	On a Class of Stochastic Optimal Control Problems Related to BSDEs with Quadratic Growth. *SIAM Journal on Control and Optimization*, **2006**, 45, 1279-1296	1.9	14
19	Existence of Optimal Stochastic Controls and Global Solutions of Forward-Backward Stochastic Differential Equations. *SIAM Journal on Control and Optimization*, **2004**, 43, 813-830	1.9	13
18	On coupled systems of Kolmogorov equations with applications to stochastic differential games. *ESAIM - Control, Optimisation and Calculus of Variations*, **2017**, 23, 937-976	1	5
17	Well Posedness of Operator Valued Backward Stochastic Riccati Equations in Infinite Dimensional Spaces. *SIAM Journal on Control and Optimization*, **2014**, 52, 3776-3806	1.9	5
16	Stochastic maximum principle for optimal control of partial differential equations driven by white noise. *Stochastics and Partial Differential Equations: Analysis and Computations*, **2018**, 6, 255-285	0.9	4
15	Ergodic control of infinite-dimensional stochastic differential equations with degenerate noise. *ESAIM - Control, Optimisation and Calculus of Variations*, **2019**, 25, 12	1	3
14	Singular Limit of BSDEs and Optimal Control of Two Scale Stochastic Systems in Infinite Dimensional Spaces. *Applied Mathematics and Optimization*, **2021**, 83, 1025-1051	1.5	3
13	Reflected BSDEs, optimal control and stopping for infinite-dimensional systems. *ESAIM - Control, Optimisation and Calculus of Variations*, **2017**, 23, 1419-1445	1	2
12	Controlled Stochastic Differential Equations under Constraints in Infinite Dimensional Spaces. *SIAM Journal on Control and Optimization*, **2008**, 47, 218-250	1.9	2
11	Considerations on the Controllability of Stochastic Linear Heat Equations **2002**, 39-52		2
10	Considerations on the Controllability of Stochastic Linear Heat Equations. *Lecture Notes in Pure and Applied Mathematics*, **2002**,		2
9	Ergodic BSDEs with Multiplicative and Degenerate Noise. *SIAM Journal on Control and Optimization*, **2020**, 58, 2050-2077	1.9	1
8	Linear-quadratic optimal control under non-Markovian switching. *Stochastic Analysis and Applications*, **2018**, 36, 166-180	1.1	1
7	Hautus condition for the pathwise stabilizability of an infinite dimensional stochastic system. *Stochastic Analysis and Applications*, **1994**, 12, 617-637	1.1	1
6	FokkerPlanck equations with terminal condition and related McKean probabilistic representation. *Nonlinear Differential Equations and Applications*, **2022**, 29, 1	0.8	1
5	Semilinear Kolmogorov equations on the space of continuous functions via BSDEs. *Stochastic Processes and Their Applications*, **2021**, 136, 1-56	1.1	1
4	A note on the stabilizability of stochastic heat equations with multiplicative noise. *Comptes Rendus Mathematique*, **2002**, 334, 311-316	0.4	0
3	Partial smoothing of delay transition semigroups acting on special functions. *Journal of Differential Equations*, **2022**, 316, 599-640	2.1	

2	Ergodic Maximum Principle for Stochastic Systems. *Applied Mathematics and Optimization*, **2019**, 79, 567-591	1.9
1	Singular Limit of Two-Scale Stochastic Optimal Control Problems in Infinite Dimensions by Vanishing Noise Regularization. *SIAM Journal on Control and Optimization*, **2022**, 60, 575-596	1.9