

# Gianmario Tessitore

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Fokker-Planck equations with terminal condition and related McKean probabilistic representation. <i>Nonlinear Differential Equations and Applications</i> , <b>2022</b> , 29, 1	0.8	1
36	Partial smoothing of delay transition semigroups acting on special functions. <i>Journal of Differential Equations</i> , <b>2022</b> , 316, 599-640	2.1	
35	Singular Limit of Two-Scale Stochastic Optimal Control Problems in Infinite Dimensions by Vanishing Noise Regularization. <i>SIAM Journal on Control and Optimization</i> , <b>2022</b> , 60, 575-596	1.9	
34	Semilinear Kolmogorov equations on the space of continuous functions via BSDEs. <i>Stochastic Processes and Their Applications</i> , <b>2021</b> , 136, 1-56	1.1	1
33	Singular Limit of BSDEs and Optimal Control of Two Scale Stochastic Systems in Infinite Dimensional Spaces. <i>Applied Mathematics and Optimization</i> , <b>2021</b> , 83, 1025-1051	1.5	3
32	Ergodic BSDEs with Multiplicative and Degenerate Noise. <i>SIAM Journal on Control and Optimization</i> , <b>2020</b> , 58, 2050-2077	1.9	1
31	Ergodic control of infinite-dimensional stochastic differential equations with degenerate noise. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , <b>2019</b> , 25, 12	1	3
30	Ergodic Maximum Principle for Stochastic Systems. <i>Applied Mathematics and Optimization</i> , <b>2019</b> , 79, 567-591		
29	Stochastic maximum principle for optimal control of partial differential equations driven by white noise. <i>Stochastics and Partial Differential Equations: Analysis and Computations</i> , <b>2018</b> , 6, 255-285	0.9	4
28	Linear-quadratic optimal control under non-Markovian switching. <i>Stochastic Analysis and Applications</i> , <b>2018</b> , 36, 166-180	1.1	1
27	Reflected BSDEs, optimal control and stopping for infinite-dimensional systems. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , <b>2017</b> , 23, 1419-1445	1	2
26	On coupled systems of Kolmogorov equations with applications to stochastic differential games. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , <b>2017</b> , 23, 937-976	1	5
25	Well Posedness of Operator Valued Backward Stochastic Riccati Equations in Infinite Dimensional Spaces. <i>SIAM Journal on Control and Optimization</i> , <b>2014</b> , 52, 3776-3806	1.9	5
24	Stochastic Maximum Principle for Optimal Control of SPDEs. <i>Applied Mathematics and Optimization</i> , <b>2013</b> , 68, 181-217	1.5	29
23	Stochastic maximum principle for optimal control of SPDEs. <i>Comptes Rendus Mathematique</i> , <b>2012</b> , 350, 683-688	0.4	17
22	Ergodic BSDEs under weak dissipative assumptions. <i>Stochastic Processes and Their Applications</i> , <b>2011</b> , 121, 407-426	1.1	39
21	Stochastic Equations with Delay: Optimal Control via BSDEs and Regular Solutions of Hamilton-Jacobi-Bellman Equations. <i>SIAM Journal on Control and Optimization</i> , <b>2010</b> , 48, 4624-4651	1.9	30

20	Ergodic BSDEs and Optimal Ergodic Control in Banach Spaces. <i>SIAM Journal on Control and Optimization</i> , <b>2009</b> , 48, 1542-1566	1.9	38
19	Controlled Stochastic Differential Equations under Constraints in Infinite Dimensional Spaces. <i>SIAM Journal on Control and Optimization</i> , <b>2008</b> , 47, 218-250	1.9	2
18	Backward Stochastic Riccati Equations and Infinite Horizon L-Q Optimal Control with Infinite Dimensional State Space and Random Coefficients. <i>Applied Mathematics and Optimization</i> , <b>2008</b> , 57, 207-235	1.5	17
17	BSDE on an infinite horizon and elliptic PDEs in infinite dimension. <i>Nonlinear Differential Equations and Applications</i> , <b>2007</b> , 14, 825-846	0.8	23
16	Optimal control of a stochastic heat equation with boundary-noise and boundary-control. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , <b>2007</b> , 13, 178-205	1	31
15	Wong-Zakai approximations of stochastic evolution equations. <i>Journal of Evolution Equations</i> , <b>2006</b> , 6, 621-655	1.2	53
14	On a Class of Stochastic Optimal Control Problems Related to BSDEs with Quadratic Growth. <i>SIAM Journal on Control and Optimization</i> , <b>2006</b> , 45, 1279-1296	1.9	14
13	On the Backward Stochastic Riccati Equation in Infinite Dimensions. <i>SIAM Journal on Control and Optimization</i> , <b>2005</b> , 44, 159-194	1.9	24
12	Generalized Directional Gradients, Backward Stochastic Differential Equations and Mild Solutions of Semilinear Parabolic Equations. <i>Applied Mathematics and Optimization</i> , <b>2005</b> , 51, 279-332	1.5	24
11	Infinite horizon backward stochastic differential equations and elliptic equations in Hilbert spaces. <i>Annals of Probability</i> , <b>2004</b> , 32, 607	1.9	32
10	Existence of Optimal Stochastic Controls and Global Solutions of Forward-Backward Stochastic Differential Equations. <i>SIAM Journal on Control and Optimization</i> , <b>2004</b> , 43, 813-830	1.9	13
9	Carleman Estimates and Controllability of Linear Stochastic Heat Equations. <i>Applied Mathematics and Optimization</i> , <b>2003</b> , 47, 97-120	1.5	50
8	A note on the stabilizability of stochastic heat equations with multiplicative noise. <i>Comptes Rendus Mathematique</i> , <b>2002</b> , 334, 311-316	0.4	0
7	The Bismut-Elworthy formula for backward SDEs and applications to nonlinear Kolmogorov equations and control in infinite dimensional spaces. <i>Stochastic and Stochastics Reports</i> , <b>2002</b> , 74, 429-464		27
6	Considerations on the Controllability of Stochastic Linear Heat Equations <b>2002</b> , 39-52		2
5	Considerations on the Controllability of Stochastic Linear Heat Equations. <i>Lecture Notes in Pure and Applied Mathematics</i> , <b>2002</b> ,		2
4	Null controllability of an infinite dimensional SDE with state- and control-dependent noise. <i>Systems and Control Letters</i> , <b>2001</b> , 44, 385-394	2.4	22
3	Existence, uniqueness and space regularity of the adapted solutions of a backward spde. <i>Stochastic Analysis and Applications</i> , <b>1996</b> , 14, 461-486	1.1	38

2	Hautus condition for the pathwise stabilizability of an infinite dimensional stochastic system. <i>Stochastic Analysis and Applications</i> , <b>1994</b> , 12, 617-637	1.1	1
1	Some Remarks on the Riccati Equation Arising in an Optimal Control Problem with State- and Control-Dependent Noise. <i>SIAM Journal on Control and Optimization</i> , <b>1992</b> , 30, 717-744	1.9	20