

Barbara Martinucci

List of Publications by Year in descending order

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36
papers

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1040056

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37
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times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Some results on the telegraph process driven by gamma components. <i>Advances in Applied Probability</i> , 2022, 54, 808-848.	0.7	2
2	Some Results on the Telegraph Process Confined by Two Non-Standard Boundaries. <i>Methodology and Computing in Applied Probability</i> , 2021, 23, 837-858.	1.2	5
3	Asymptotic Results for the Absorption Time of Telegraph Processes with Elastic Boundary at the Origin. <i>Methodology and Computing in Applied Probability</i> , 2021, 23, 1077-1096.	1.2	2
4	Random time-changes and asymptotic results for a class of continuous-time Markov chains on integers with alternating rates. <i>Modern Stochastics: Theory and Applications</i> , 2021, , 63-91.	0.4	1
5	Certain functionals of squared telegraph processes. <i>Stochastics and Dynamics</i> , 2020, 20, 2050005.	1.2	7
6	Piecewise deterministic processes following two alternating patterns. <i>Journal of Applied Probability</i> , 2019, 56, 1006-1019.	0.7	5
7	Telegraph Process with Elastic Boundary at the Origin. <i>Methodology and Computing in Applied Probability</i> , 2018, 20, 333-352.	1.2	13
8	A New Model of Campi Flegrei Inflation and Deflation Episodes Based on Brownian Motion Driven by the Telegraph Process. <i>Mathematical Geosciences</i> , 2018, 50, 961-975.	2.4	9
9	A QUANTILE-BASED PROBABILISTIC MEAN VALUE THEOREM. <i>Probability in the Engineering and Informational Sciences</i> , 2016, 30, 261-280.	0.8	11
10	A multispecies birth-death-immigration process and its diffusion approximation. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 442, 291-316.	1.0	4
11	Compound Poisson Process with a Poisson Subordinator. <i>Journal of Applied Probability</i> , 2015, 52, 360-374.	0.7	7
12	Compound Poisson Process with a Poisson Subordinator. <i>Journal of Applied Probability</i> , 2015, 52, 360-374.	0.7	22
13	Asymptotic Results for Random Walks in Continuous Time with Alternating Rates. <i>Journal of Statistical Physics</i> , 2014, 154, 1352-1364.	1.2	8
14	On the Geometric Brownian Motion with Alternating Trend. , 2014, , 81-85.		7
15	On a spike train probability model with interacting neural units. <i>Mathematical Biosciences and Engineering</i> , 2014, 11, 217-231.	1.9	0
16	A Generalized Telegraph Process with Velocity Driven by Random Trials. <i>Advances in Applied Probability</i> , 2013, 45, 1111-1136.	0.7	13
17	On the Generalized Telegraph Process with Deterministic Jumps. <i>Methodology and Computing in Applied Probability</i> , 2013, 15, 215-235.	1.2	21
18	Generalized Telegraph Process with Random Jumps. <i>Journal of Applied Probability</i> , 2013, 50, 450-463.	0.7	10

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19	Generalized Telegraph Process with Random Jumps. <i>Journal of Applied Probability</i> , 2013, 50, 450-463.	0.7	20
20	A Generalized Telegraph Process with Velocity Driven by Random Trials. <i>Advances in Applied Probability</i> , 2013, 45, 1111-1136.	0.7	3
21	Some Results on Brownian Motion Perturbed by Alternating Jumps in Biological Modeling. <i>Lecture Notes in Computer Science</i> , 2013, , 53-60.	1.3	0
22	Generalized Telegraph Process with Random Delays. <i>Journal of Applied Probability</i> , 2012, 49, 850-865.	0.7	3
23	Generalized Telegraph Process with Random Delays. <i>Journal of Applied Probability</i> , 2012, 49, 850-865.	0.7	11
24	On a bilateral birth-death process with alternating rates. <i>Ricerche Di Matematica</i> , 2012, 61, 157-169.	1.0	7
25	A Damped Telegraph Random Process with Logistic Stationary Distribution. <i>Journal of Applied Probability</i> , 2010, 47, 84-96.	0.7	31
26	A Damped Telegraph Random Process with Logistic Stationary Distribution. <i>Journal of Applied Probability</i> , 2010, 47, 84-96.	0.7	27
27	On a Symmetric, Nonlinear Birth-Death Process with Bimodal Transition Probabilities. <i>Symmetry</i> , 2009, 1, 201-214.	2.2	12
28	On a First-Passage-Time Problem for the Compound Power-Law Process. <i>Stochastic Models</i> , 2009, 25, 420-435.	0.5	7
29	A Neuronal Model with Excitatory and Inhibitory Inputs Governed by a Birth-Death Process. <i>Lecture Notes in Computer Science</i> , 2009, , 121-128.	1.3	0
30	A First-Passage-Time Problem for Symmetric and Similar Two-Dimensional Birth-Death Processes. <i>Stochastic Models</i> , 2008, 24, 451-469.	0.5	6
31	Analysis of a stochastic neuronal model with excitatory inputs and state-dependent effects. <i>Mathematical Biosciences</i> , 2007, 209, 547-563.	1.9	9
32	Random Motion with Gamma-Distributed Alternating Velocities in Biological Modeling. <i>Lecture Notes in Computer Science</i> , 2007, , 163-170.	1.3	5
33	On the dynamics of a pair of coupled neurons subject to alternating input rates. <i>BioSystems</i> , 2005, 79, 109-116.	2.0	6
34	Feedback Effects in Simulated Stein's Coupled Neurons. <i>Lecture Notes in Computer Science</i> , 2005, , 436-446.	1.3	2
35	Analysis of random walks on a hexagonal lattice. <i>IMA Journal of Applied Mathematics</i> , 0, , .	1.6	2
36	Continuous-time multi-type Ehrenfest model and related Ornstein-Uhlenbeck diffusion on a star graph. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	0