

Fabio Zucca

List of Publications by Year in descending order

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33
papers

317
citations

759233

12
h-index

888059

17
g-index

33
all docs

33
docs citations

33
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Extinction probabilities in branching processes with countably many types: a general framework. <i>Alea</i> , 2022, 19, 311.	0.7	0
2	Branching random walks with uncountably many extinction probability vectors. <i>Brazilian Journal of Probability and Statistics</i> , 2020, 34, .	0.4	1
3	Galton-Watson processes in varying environment and accessibility percolation. <i>Brazilian Journal of Probability and Statistics</i> , 2020, 34, .	0.4	1
4	Lower bounds for moments of global scores of pairwise Markov chains. <i>Stochastic Processes and Their Applications</i> , 2018, 128, 1678-1710.	0.9	3
5	A stochastic model for the evolution of species with random fitness. <i>Electronic Communications in Probability</i> , 2018, 23, .	0.4	2
6	A generating function approach to branching random walks. <i>Brazilian Journal of Probability and Statistics</i> , 2017, 31, .	0.4	5
7	Global survival of branching random walks and tree-like branching random walks. <i>Alea</i> , 2017, 14, 381.	0.7	1
8	The timing of life history events in the presence of soft disturbances. <i>Journal of Theoretical Biology</i> , 2016, 389, 287-303.	1.7	3
9	Combination versus sequential monotherapy in chronic HBV infection: a mathematical approach. <i>Mathematical Medicine and Biology</i> , 2015, 32, dqu022.	1.2	1
10	Branching random walks and multi-type contact-processes on the percolation cluster of \mathbb{Z}^d . <i>Annals of Applied Probability</i> , 2015, 25, .	1.3	6
11	Strong Local Survival of Branching Random Walks is Not Monotone. <i>Advances in Applied Probability</i> , 2014, 46, 400-421.	0.7	14
12	Persistent and susceptible bacteria with individual deaths. <i>Journal of Theoretical Biology</i> , 2014, 343, 69-78.	1.7	2
13	Local and Global Survival for Nonhomogeneous Random Walk Systems on Z . <i>Advances in Applied Probability</i> , 2014, 46, 256-278.	0.7	7
14	Local and Global Survival for Nonhomogeneous Random Walk Systems on Z . <i>Advances in Applied Probability</i> , 2014, 46, 256-278.	0.7	1
15	Strong Local Survival of Branching Random Walks is Not Monotone. <i>Advances in Applied Probability</i> , 2014, 46, 400-421.	0.7	1
16	Rumor Processes in Random Environment on \mathbb{N} and on Galton-Watson Trees. <i>Journal of Statistical Physics</i> , 2013, 153, 486-511.	1.2	12
17	Contact and voter processes on the infinite percolation cluster as models of host-symbiont interactions. <i>Annals of Applied Probability</i> , 2011, 21, .	1.3	17
18	Survival, Extinction and Approximation of Discrete-time Branching Random Walks. <i>Journal of Statistical Physics</i> , 2011, 142, 726-753.	1.2	21

#	ARTICLE	IF	CITATIONS
19	A self-regulating and patch subdivided population. <i>Advances in Applied Probability</i> , 2010, 42, 899-912.	0.7	4
20	A self-regulating and patch subdivided population. <i>Advances in Applied Probability</i> , 2010, 42, 899-912.	0.7	4
21	Approximating Critical Parameters of Branching Random Walks. <i>Journal of Applied Probability</i> , 2009, 46, 463-478.	0.7	17
22	Characterization of Critical Values of Branching Random Walks on Weighted Graphs through Infinite-Type Branching Processes. <i>Journal of Statistical Physics</i> , 2009, 134, 53-65.	1.2	27
23	Approximating Critical Parameters of Branching Random Walks. <i>Journal of Applied Probability</i> , 2009, 46, 463-478.	0.7	14
24	Critical Behaviors and Critical Values of Branching Random Walks on Multigraphs. <i>Journal of Applied Probability</i> , 2008, 45, 481-497.	0.7	19
25	Critical Behaviors and Critical Values of Branching Random Walks on Multigraphs. <i>Journal of Applied Probability</i> , 2008, 45, 481-497.	0.7	24
26	Ecological equilibrium for restrained branching random walks. <i>Annals of Applied Probability</i> , 2007, 17, .	1.3	13
27	The discrete integral maximum principle and its applications. <i>Tohoku Mathematical Journal</i> , 2005, 57, .	0.2	31
28	Classification on the Average of Random Walks. <i>Journal of Statistical Physics</i> , 2004, 114, 947-975.	1.2	1
29	Uniform asymptotic estimates of transition probabilities on combs. <i>Journal of the Australian Mathematical Society</i> , 2003, 75, 325-354.	0.4	24
30	The mean value property for harmonic functions on graphs and trees. <i>Annali Di Matematica Pura Ed Applicata</i> , 2002, 181, 105-130.	1.0	3
31	Title is missing!. <i>Journal of Statistical Physics</i> , 1999, 94, 91-111.	1.2	4
32	On stochastic differential equations and semigroups of probability operators in quantum probability. <i>Stochastic Processes and Their Applications</i> , 1998, 73, 69-86.	0.9	26
33	On a class of stochastic differential equations used in quantum optics. <i>Milan Journal of Mathematics</i> , 1996, 66, 355-376.	0.1	8