

# Rodrigo MartÃ- nez Quintana

## List of Publications by Year in descending order

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38  
papers

238  
citations

933447

10  
h-index

1058476

14  
g-index

38  
all docs

38  
docs citations

38  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal Values of the Foot Posture Index in a Young Adult Spanish Population. Journal of the American Podiatric Medical Association, 2015, 105, 42-46.	0.3	19
2	Bisexual branching processes in a genetic context: The extinction problem for Y-linked genes. Mathematical Biosciences, 2006, 202, 227-247.	1.9	17
3	The Foot Posture Index. Journal of the American Podiatric Medical Association, 2013, 103, 400-404.	0.3	15
4	Estimation of the offspring mean in a controlled branching process with a random control function. Stochastic Processes and Their Applications, 2007, 117, 928-946.	0.9	14
5	Non-parametric Bayesian estimation for multitype branching processes through simulation-based methods. Computational Statistics and Data Analysis, 2008, 52, 1281-1291.	1.2	14
6	Nonparametric estimation of the offspring distribution and the mean for a controlled branching process. Test, 2004, 13, 465-479.	1.1	13
7	Bisexual branching processes to model extinction conditions for Y-linked genes. Journal of Theoretical Biology, 2009, 258, 478-488.	1.7	13
8	On the unlimited growth of a class of homogeneous multitype Markov chains. Bernoulli, 2005, 11, 559.	1.3	12
9	Bisexual branching processes in a genetic context: Rates of growth for Y-linked genes. Mathematical Biosciences, 2008, 215, 167-176.	1.9	11
10	Estimation of the variance for a controlled branching process. Test, 2005, 14, 199-213.	1.1	10
11	Bayesian inference for controlled branching processes through MCMC and ABC methodologies. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2013, 107, 459-473.	1.2	10
12	Limiting genotype frequencies of Y-linked genes through bisexual branching processes with blind choice. Journal of Theoretical Biology, 2011, 275, 42-51.	1.7	9
13	Expectation-Maximization Algorithm for Determining Natural Selection of Y-Linked Genes Through Two-Sex Branching Processes. Journal of Computational Biology, 2012, 19, 1015-1026.	1.6	9
14	Parametric Bayesian inference for Y-linked two-sex branching models. Statistics and Computing, 2013, 23, 727-741.	1.5	8
15	On asymptotic posterior normality for controlled branching processes. Statistics, 2009, 43, 367-378.	0.6	6
16	Stochastic Monotonicity and Continuity Properties of the Extinction Time of Bellman-Harris Branching Processes: An Application to Epidemic Modelling. Journal of Applied Probability, 2010, 47, 58-71.	0.7	6
17	Extinction conditions for Y-linked mutant-alleles through two-sex branching processes with blind-mating structure. Journal of Theoretical Biology, 2012, 307, 104-116.	1.7	6
18	Parametric inference for Y-linked gene branching models: Expectation-maximization method. Lecture Notes in Statistics, 2010, , 191-204.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Multitype population size-dependent branching processes with dependent offspring. <i>Statistics and Probability Letters</i> , 2004, 70, 145-154.	0.7	4
20	Stochastic Monotonicity and Continuity Properties of the Extinction Time of Bellman-Harris Branching Processes: An Application to Epidemic Modelling. <i>Journal of Applied Probability</i> , 2010, 47, 58-71.	0.7	4
21	Stochastic monotonicity and continuity properties of functions defined on Crump-Mode-Jagers branching processes, with application to vaccination in epidemic modelling. <i>Bernoulli</i> , 2014, 20, .	1.3	4
22	Bayesian Analysis for Controlled Branching Processes. <i>Lecture Notes in Statistics</i> , 2016, , 185-205.	0.2	4
23	On the geometric growth in a class of homogeneous multitype Markov chain. <i>Journal of Applied Probability</i> , 2005, 42, 1015-1030.	0.7	4
24	Non-parametric Bayesian inference through MCMC method for Y-linked two-sex branching processes with blind choice. <i>Journal of Statistical Computation and Simulation</i> , 2018, 88, 3565-3587.	1.2	3
25	Importance of Sock Type in the Development of Foot Lesions on Low-Difficulty, Short Hikes. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1871.	2.6	3
26	Predictive Model of Nail Consistency Using Scanning Electron Microscopy with Energy-Dispersive X-Ray. <i>Biology</i> , 2021, 10, 53.	2.8	3
27	Time to extinction of infectious diseases through age-dependent branching models. <i>Lecture Notes in Statistics</i> , 2010, , 241-256.	0.2	3
28	Approximate Bayesian computation in controlled branching processes: the role of summary statistics. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020, 114, 1.	1.2	3
29	Bayesian Inference in Y-Linked Two-Sex Branching Processes with Mutations: ABC Approach. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 525-538.	3.0	2
30	Rates of Growth in a Class of Homogeneous Multidimensional Markov Chains. <i>Journal of Applied Probability</i> , 2006, 43, 159-174.	0.7	2
31	On L <sup>2</sup> -Convergence in a Class of Homogeneous Multitype Markov Chains. <i>Stochastic Models</i> , 2008, 24, 401-424.	0.5	1
32	Total Progeny of Crump-Mode-Jagers Branching Processes: An Application to Vaccination in Epidemic Modelling. <i>Lecture Notes in Statistics</i> , 2016, , 257-267.	0.2	1
33	Population Size Dependent Generalized Multitype Branching Processes. <i>Stochastic Analysis and Applications</i> , 2005, 23, 1179-1197.	1.5	0
34	Multitype Population-Size-Dependent Branching Process with Dependent Offspring. <i>Journal of Mathematical Sciences</i> , 2006, 132, 610-613.	0.4	0
35	Age-Dependent Branching Processes for Surveillance of Vaccine-Preventable Diseases with Incubation Period. <i>Frontiers in Psychiatry</i> , 2010, 1, 127.	2.6	0
36	Modeling Y-Linked Pedigrees through Branching Processes. <i>Mathematics</i> , 2020, 8, 256.	2.2	0

#	ARTICLE	IF	CITATIONS
37	Limiting Genotype Frequencies of Y-Linked Genes with a Mutant Allele in a Two-Sex Population. Mathematics, 2021, 9, 131.	2.2	0
38	Extinction Probability of Some Recessive Alleles of X-Linked Genes in the Context of Two-Sex Branching Processes. Lecture Notes in Statistics, 2016, , 287-305.	0.2	0