

# Serik M Sagitov

## List of Publications by Year in descending order

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53  
papers

1,181  
citations

516561

16  
h-index

414303

32  
g-index

54  
all docs

54  
docs citations

54  
times ranked

551  
citing authors

#	ARTICLE	IF	CITATIONS
1	The general coalescent with asynchronous mergers of ancestral lines. <i>Journal of Applied Probability</i> , 1999, 36, 1116-1125.	0.4	245
2	A Classification of Coalescent Processes for Haploid Exchangeable Population Models. <i>Annals of Probability</i> , 2001, 29, 1547.	0.8	177
3	The general coalescent with asynchronous mergers of ancestral lines. <i>Journal of Applied Probability</i> , 1999, 36, 1116-1125.	0.4	160
4	Statistical Inference of Allopolyploid Species Networks in the Presence of Incomplete Lineage Sorting. <i>Systematic Biology</i> , 2013, 62, 467-478.	2.7	75
5	Coalescent patterns in diploid exchangeable population models. <i>Journal of Mathematical Biology</i> , 2003, 47, 337-352.	0.8	51
6	Convergence to the coalescent with simultaneous multiple mergers. <i>Journal of Applied Probability</i> , 2003, 40, 839-854.	0.4	38
7	Convergence to the coalescent with simultaneous multiple mergers. <i>Journal of Applied Probability</i> , 2003, 40, 839-854.	0.4	34
8	On the path to extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6107-6111.	3.3	30
9	Interspecies correlation for neutrally evolving traits. <i>Journal of Theoretical Biology</i> , 2012, 309, 11-19.	0.8	28
10	The growth of general population-size-dependent branching processes year by year. <i>Journal of Applied Probability</i> , 2000, 37, 1-14.	0.4	26
11	Stochasticity in the adaptive dynamics of evolution: the bare bones. <i>Journal of Biological Dynamics</i> , 2011, 5, 147-162.	0.8	22
12	Multitype BienaymÃ©Galton-Watson processes escaping extinction. <i>Advances in Applied Probability</i> , 2009, 41, 225-246.	0.4	22
13	Linkage Disequilibrium Under Recurrent Bottlenecks. <i>Genetics</i> , 2012, 190, 217-229.	1.2	19
14	Linear-fractional branching processes with countably many types. <i>Stochastic Processes and Their Applications</i> , 2013, 123, 2940-2956.	0.4	19
15	Convergence to the coalescent in populations of substantially varying size. <i>Journal of Applied Probability</i> , 2004, 41, 368-378.	0.4	18
16	Evolution of branching processes in a random environment. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2013, 282, 220-242.	0.1	17
17	The coalescent effective size of age-structured populations. <i>Annals of Applied Probability</i> , 2005, 15, .	0.6	17
18	Phylogenetic confidence intervals for the optimal trait value. <i>Journal of Applied Probability</i> , 2015, 52, 1115-1132.	0.4	17

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19	Convergence to the coalescent in populations of substantially varying size. <i>Journal of Applied Probability</i> , 2004, 41, 368-378.	0.4	15
20	An Accurate Model for Genetic Hitchhiking. <i>Genetics</i> , 2008, 178, 439-451.	1.2	12
21	A Decomposable Branching Process in a Markovian Environment. <i>International Journal of Stochastic Analysis</i> , 2012, 2012, 1-24.	0.3	11
22	The Total Branch Length of Sample Genealogies in Populations of Variable Size. <i>Genetics</i> , 2010, 186, 601-611.	1.2	9
23	Markovian paths to extinction. <i>Advances in Applied Probability</i> , 2007, 39, 569-587.	0.4	9
24	A consistent estimator of the evolutionary rate. <i>Journal of Theoretical Biology</i> , 2015, 371, 69-78.	0.8	8
25	General branching processes in discrete time as random trees. <i>Bernoulli</i> , 2008, 14, .	0.7	7
26	Optimal scheduling of the next preventive maintenance activity for a wind farm. <i>Wind Energy Science</i> , 2021, 6, 949-959.	1.2	7
27	The age of a Galton-Watson population with a geometric offspring distribution. <i>Journal of Applied Probability</i> , 2002, 39, 816-828.	0.4	7
28	A key limit theorem for critical branching processes. <i>Stochastic Processes and Their Applications</i> , 1995, 56, 87-100.	0.4	6
29	Multitype BienaymÃ©Galtonâ€“Watson processes escaping extinction. <i>Advances in Applied Probability</i> , 2009, 41, 225-246.	0.4	6
30	A Special Family of Galton-Watson Processes with Explosions. <i>Lecture Notes in Statistics</i> , 2016, , 237-254.	0.1	6
31	Coalescent approximation for structured populations in a stationary random environment. <i>Theoretical Population Biology</i> , 2010, 78, 192-199.	0.5	5
32	Extinction times for a birthâ€“death process with weak competition. <i>Lithuanian Mathematical Journal</i> , 2013, 53, 220-234.	0.2	5
33	Tail generating functions for extendable branching processes. <i>Stochastic Processes and Their Applications</i> , 2017, 127, 1649-1675.	0.4	5
34	The growth of general population-size-dependent branching processes year by year. <i>Journal of Applied Probability</i> , 2000, 37, 1-14.	0.4	5
35	Reduced Branching Processes with Very Heavy Tails. <i>Journal of Applied Probability</i> , 2008, 45, 190-200.	0.4	5
36	Measure-branching renewal processes. <i>Stochastic Processes and Their Applications</i> , 1994, 52, 293-307.	0.4	4

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37	Defective Galton-Watson processes. <i>Stochastic Models</i> , 2017, 33, 451-472.	0.3	4
38	Markovian paths to extinction. <i>Advances in Applied Probability</i> , 2007, 39, 569-587.	0.4	3
39	Evolutionary branching in a stochastic population model with discrete mutational steps. <i>Theoretical Population Biology</i> , 2013, 83, 145-154.	0.5	3
40	Time to a single hybridization event in a group of species with unknown ancestral history. <i>Journal of Theoretical Biology</i> , 2013, 322, 1-6.	0.8	3
41	Phylogenetic confidence intervals for the optimal trait value. <i>Journal of Applied Probability</i> , 2015, 52, 1115-1132.	0.4	3
42	Nonparametric estimation for compound Poisson process via variational analysis on measures. <i>Statistics and Computing</i> , 2018, 28, 563-577.	0.8	3
43	The general coalescent with asynchronous mergers of ancestral lines. , 1999, 36, 1116-1125.		3
44	General branching processes: Convergence to irzhina processes. <i>Journal of Mathematical Sciences</i> , 1994, 69, 1199-1206.	0.1	2
45	Reduced Branching Processes with Very Heavy Tails. <i>Journal of Applied Probability</i> , 2008, 45, 190-200.	0.4	2
46	Limit theorems for pure death processes coming down from infinity. <i>Journal of Applied Probability</i> , 2017, 54, 720-731.	0.4	2
47	General linear-fractional branching processes with discrete time. <i>Stochastics</i> , 2018, 90, 364-378.	0.6	2
48	Critical Galton-Watson Processes with Overlapping Generations. <i>Stochastics and Quality Control</i> , 2021, .	0.2	2
49	Skeletons of Near-Critical Bienaym-Galton-Watson Branching Processes. <i>Advances in Applied Probability</i> , 2015, 47, 530-544.	0.4	1
50	Asymptotic results for the number of Wagner's solutions to a generalised birthday problem. <i>Statistics and Probability Letters</i> , 2015, 107, 356-361.	0.4	1
51	Skeletons of Near-Critical Bienaym-Galton-Watson Branching Processes. <i>Advances in Applied Probability</i> , 2015, 47, 530-544.	0.4	0
52	Rank-dependent Galton-Watson processes and their pathwise duals. <i>Advances in Applied Probability</i> , 2018, 50, 229-239.	0.4	0
53	Perron-Frobenius theory for kernels and Crump-Mode-Jagers processes with macro-individuals. <i>Journal of Applied Probability</i> , 2020, 57, 720-733.	0.4	0