Anatoli Iambartsev

List of Publications by Year
in descending order

		1040056	940533
35 papers	**303** citations	**9** h-index	**16** g-index
37 all docs	**37** docs citations	**37** times ranked	**501** citing authors

#	Article	IF	Citations
1	Gene network reconstruction reveals cell cycle and antiviral genes as major drivers of cervical cancer. Nature Communications, 2013, 4, 1806.	12.8	65
2	New approach reveals CD28 and IFNG gene interaction in the susceptibility to cervical cancer. Human Molecular Genetics, 2008, 17, 1838-1844.	2.9	38
3	Reverse enGENEering of Regulatory Networks from Big Data: A Roadmap for Biologists. Bioinformatics and Biology Insights, 2015, 9, BBI.S12467.	2.0	38
4	Unexpected links reflect the noise in networks. Biology Direct, 2016, 11, 52.	4.6	35
5	Selection of control genes for quantitative RT-PCR based on microarray data. Biochemical and Biophysical Research Communications, 2005, 337, 306-312.	2.1	18
6	Construct and Compare Gene Coexpression Networks with DAPfinder and DAPview. BMC Bioinformatics, 2011, 12, 286.	2.6	18
7	Two-Dimensional Lorentzian Models. Moscow Mathematical Journal, 2001, 1, 439-456.	0.4	17
8	Phase Transition for the Ising Model on the Critical Lorentzian Triangulation. Journal of Statistical Physics, 2012, 148, 422-439.	1.2	11
9	Large deviations in a population dynamics with catastrophes. Statistics and Probability Letters, 2019, 149, 29-37.	0.7	11
10	Random walks in a queueing network environment. Journal of Applied Probability, 2016, 53, 448-462.	0.7	7
11	Percolation Properties of the Non-ideal Gas. Journal of Statistical Physics, 2009, 137, 501-520.	1.2	5
12	Growth of Uniform Infinite Causal Triangulations. Journal of Statistical Physics, 2013, 150, 353-374.	1.2	5
13	Bounds on the critical line via transfer matrix methods for an Ising model coupled to causal dynamical triangulations. Journal of Mathematical Physics, 2013, 54, 063301.	1.1	5
14	Large fluctuations of radiation in stochastically activated two-level systems. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 455203.	2.1	4
15	Noninvasive prenatal paternity determination using microhaplotypes: a pilot study. BMC Medical Genomics, 2020, 13, 157.	1.5	4
16	A Local Large Deviation Principle for Inhomogeneous Birth–Death Processes. Problems of Information Transmission, 2018, 54, 263-280.	0.5	3
17	Local theorems for (multidimensional) additive functionals of semi-Markov chains. Stochastic Processes and Their Applications, 2021, 137, 149-166.	0.9	3
18	Gibbs random graphs on point processes. Journal of Mathematical Physics, 2010, 51, .	1.1	2

#	Article	IF	Citations
19	On Equilibrium Distribution of a Reversible Growth Model. Journal of Statistical Physics, 2012, 148, 53-66.	1.2	2
20	A Mermin–Wagner Theorem for Gibbs States on Lorentzian Triangulations. Journal of Statistical Physics, 2013, 150, 671-677.	1.2	2
21	Large Fluctuations in Two-Level Systems With Stimulated Emission. Theoretical and Mathematical Physics(Russian Federation), 2019, 198, 118-128.	0.9	2
22	Local large deviation principle for Wiener process with random resetting. Stochastics and Dynamics, 2020, 20, 2050032.	1.2	2
23	A stabilization law for two semi-infinite interacting strings of characters. Bulletin of the Brazilian Mathematical Society, 2003, 34, 361-388.	0.8	1
24	Building complex networks through classical and Bayesian statistics - A comparison. AIP Conference Proceedings, 2012, , .	0.4	1
25	A Mermin–Wagner theorem on Lorentzian triangulations with quantum spins. Brazilian Journal of Probability and Statistics, 2014, 28, .	0.4	1
26	Phase Transition in Ferromagnetic Ising Model with a Cell-Board External Field. Journal of Statistical Physics, 2016, 162, 139-161.	1.2	1
27	On the critical probability of percolation on random causal triangulations. Brazilian Journal of Probability and Statistics, 2017, 31, .	0.4	1
28	A note on weak convergence results for infinite causal triangulations. Brazilian Journal of Probability and Statistics, 2018, 32, .	0.4	1
29	Cytokines Epistasis Contributes to Childhood Asthma. Journal of Allergy and Clinical Immunology, 2006, 117, S193.	2.9	0
30	Repulsion of an evolving surface on walls with random heights. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2006, 42, 207-213.	1.1	0
31	Gibbs models with a variable range of interactions on triangle grid. , 2011, , .		0
32	Stochastic Ising model with plastic interactions. Statistics and Probability Letters, 2017, 123, 100-106.	0.7	0
33	Hawking–Penrose Black Hole Model. Large Emission Regime. Reports on Mathematical Physics, 2021, 87, 1-14.	0.8	0
34	Lack of phase transitions in staggered magnetic systems. A comparison of uniqueness criteria. Journal of Mathematical Physics, 2021, 62, 103301.	1.1	0
35	Order Book Dynamics in the Presence of Liquidity Fluctuations. SSRN Electronic Journal, 0, , .	0.4	0