

Tatyana S Turova

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Decay of connection probabilities with distance in 2D and 3D neuronal networks. <i>BioSystems</i> , 2019, 184, 103991.	2.0	2
2	Networks of random trees as a model of neuronal connectivity. <i>Journal of Mathematical Biology</i> , 2019, 79, 1639-1663.	1.9	4
3	Phase transition in random distance graphs on the torus. <i>Journal of Applied Probability</i> , 2017, 54, 1278-1294.	0.7	3
4	Bootstrap Percolation on a Graph with Random and Local Connections. <i>Journal of Statistical Physics</i> , 2015, 160, 1249-1276.	1.2	8
5	Structure of a randomly grown 2-d network. <i>BioSystems</i> , 2015, 136, 105-112.	2.0	3
6	Structural phase transitions in neural networks. <i>Mathematical Biosciences and Engineering</i> , 2014, 11, 139-148.	1.9	2
7	Asymptotics for the size of the largest component scaled to $\epsilon \log n$ in inhomogeneous random graphs. <i>Arkiv for Matematik</i> , 2013, 51, 371-403.	0.5	3
8	Diffusion approximation for the components in critical inhomogeneous random graphs of rank 1.. <i>Random Structures and Algorithms</i> , 2013, 43, 486-539.	1.1	14
9	Bootstrap percolation on the random graph $G_{n,p}$. <i>Annals of Applied Probability</i> , 2012, 22, .	1.3	100
10	The emergence of connectivity in neuronal networks: From bootstrap percolation to auto-associative memory. <i>Brain Research</i> , 2012, 1434, 277-284.	2.2	15
11	A Dynamic Network in a Dynamic Population: Asymptotic Properties. <i>Journal of Applied Probability</i> , 2011, 48, 1163-1178.	0.7	6
12	A Dynamic Network in a Dynamic Population: Asymptotic Properties. <i>Journal of Applied Probability</i> , 2011, 48, 1163-1178.	0.7	8
13	The Largest Component in Subcritical Inhomogeneous Random Graphs. <i>Combinatorics Probability and Computing</i> , 2011, 20, 131-154.	1.3	10
14	Survey of Scalings for the Largest Connected Component in Inhomogeneous Random Graphs. <i>Progress in Probability</i> , 2011, , 259-275.	0.3	1
15	Merging percolation on Z^d and classical random graphs: Phase transition. <i>Random Structures and Algorithms</i> , 2010, 36, 185-217.	1.1	3
16	On a phase diagram for random neural networks with embedded spike timing dependent plasticity. <i>BioSystems</i> , 2007, 89, 280-286.	2.0	15
17	Continuity of the percolation threshold in randomly grown graphs.. <i>Electronic Journal of Probability</i> , 2007, 12, .	1.0	6
18	Phase Transitions in Dynamical Random Graphs. <i>Journal of Statistical Physics</i> , 2006, 123, 1007-1032.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Berry-Esseen and central limit theorems for serial rank statistics via graphs. Bernoulli, 2004, 10, .	1.3	0
20	Long Paths and Cycles in Dynamical Graphs. Journal of Statistical Physics, 2003, 110, 385-417.	1.2	11
21	Dynamical random graphs with memory. Physical Review E, 2002, 65, 066102.	2.1	19
22	Study of synaptic plasticity via random graphs. BioSystems, 2002, 67, 281-286.	2.0	1
23	A Strict Inequality for the Random Triangle Model. Journal of Statistical Physics, 2001, 104, 471-482.	1.2	2
24	Neural networks through the hourglass. BioSystems, 2000, 58, 159-165.	2.0	4
25	Motoo's combinatorial central limit theorem for serial rank statistics. Journal of Statistical Planning and Inference, 2000, 91, 427-440.	0.6	2
26	A Study of Serial Ranks via Random Graphs. Bernoulli, 2000, 6, 541.	1.3	3
27	Exponential rate of convergence of an infinite neuron model with local connections. Stochastic Processes and Their Applications, 1998, 73, 173-193.	0.9	3
28	Stationarity properties of neural networks. Journal of Applied Probability, 1998, 35, 783-794.	0.7	0
29	Stationarity properties of neural networks. Journal of Applied Probability, 1998, 35, 783-794.	0.7	1
30	Stochastic dynamics of a neural network with inhibitory and excitatory connections. BioSystems, 1997, 40, 197-202.	2.0	7
31	Synchronization of firing times in a stochastic neural network model with excitatory connections. Stochastic Processes and Their Applications, 1994, 50, 173-186.	0.9	11
32	The asymptotic behavior of an infinite system of connected oscillators. Mathematical Notes, 1993, 54, 1147-1153.	0.4	0
33	Ergodicity of infinite systems of stochastic equations. Mathematical Notes, 1989, 45, 318-325.	0.4	3