

# Tatyana S Turova

## List of Publications by Year in descending order

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33  
papers

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citations

1040056

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940533

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g-index

34  
all docs

34  
docs citations

34  
times ranked

164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bootstrap percolation on the random graph $G_{n,p}$ . Annals of Applied Probability, 2012, 22, .	1.3	100
2	Dynamical random graphs with memory. Physical Review E, 2002, 65, 066102.	2.1	19
3	Phase Transitions in Dynamical Random Graphs. Journal of Statistical Physics, 2006, 123, 1007-1032.	1.2	17
4	On a phase diagram for random neural networks with embedded spike timing dependent plasticity. BioSystems, 2007, 89, 280-286.	2.0	15
5	The emergence of connectivity in neuronal networks: From bootstrap percolation to auto-associative memory. Brain Research, 2012, 1434, 277-284.	2.2	15
6	Diffusion approximation for the components in critical inhomogeneous random graphs of rank 1.. Random Structures and Algorithms, 2013, 43, 486-539.	1.1	14
7	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
8	Long Paths and Cycles in Dynamical Graphs. Journal of Statistical Physics, 2003, 110, 385-417.	1.2	11
9	The Largest Component in Subcritical Inhomogeneous Random Graphs. Combinatorics Probability and Computing, 2011, 20, 131-154.	1.3	10
10	A Dynamic Network in a Dynamic Population: Asymptotic Properties. Journal of Applied Probability, 2011, 48, 1163-1178.	0.7	8
11	Bootstrap Percolation on a Graph with Random and Local Connections. Journal of Statistical Physics, 2015, 160, 1249-1276.	1.2	8
12	Stochastic dynamics of a neural network with inhibitory and excitatory connections. BioSystems, 1997, 40, 197-202.	2.0	7
13	A Dynamic Network in a Dynamic Population: Asymptotic Properties. Journal of Applied Probability, 2011, 48, 1163-1178.	0.7	6
14	Continuity of the percolation threshold in randomly grown graphs.. Electronic Journal of Probability, 2007, 12, .	1.0	6
15	Neural networks through the hourglass. BioSystems, 2000, 58, 159-165.	2.0	4
16	Networks of random trees as a model of neuronal connectivity. Journal of Mathematical Biology, 2019, 79, 1639-1663.	1.9	4
17	Ergodicity of infinite systems of stochastic equations. Mathematical Notes, 1989, 45, 318-325.	0.4	3
18	Exponential rate of convergence of an infinite neuron model with local connections. Stochastic Processes and Their Applications, 1998, 73, 173-193.	0.9	3

#	ARTICLE	IF	CITATIONS
19	A Study of Serial Ranks via Random Graphs. Bernoulli, 2000, 6, 541.	1.3	3
20	Merging percolation on $Z^d$ and classical random graphs: Phase transition. Random Structures and Algorithms, 2010, 36, 185-217.	1.1	3
21	Asymptotics for the size of the largest component scaled to $\epsilon \log n$ in inhomogeneous random graphs. Arkiv for Matematik, 2013, 51, 371-403.	0.5	3
22	Structure of a randomly grown 2-d network. BioSystems, 2015, 136, 105-112.	2.0	3
23	Phase transition in random distance graphs on the torus. Journal of Applied Probability, 2017, 54, 1278-1294.	0.7	3
24	Motoo's combinatorial central limit theorem for serial rank statistics. Journal of Statistical Planning and Inference, 2000, 91, 427-440.	0.6	2
25	A Strict Inequality for the Random Triangle Model. Journal of Statistical Physics, 2001, 104, 471-482.	1.2	2
26	Decay of connection probabilities with distance in 2D and 3D neuronal networks. BioSystems, 2019, 184, 103991.	2.0	2
27	Structural phase transitions in neural networks. Mathematical Biosciences and Engineering, 2014, 11, 139-148.	1.9	2
28	Study of synaptic plasticity via random graphs. BioSystems, 2002, 67, 281-286.	2.0	1
29	Stationarity properties of neural networks. Journal of Applied Probability, 1998, 35, 783-794.	0.7	1
30	Survey of Scalings for the Largest Connected Component in Inhomogeneous Random Graphs. Progress in Probability, 2011, , 259-275.	0.3	1
31	The asymptotic behavior of an infinite system of connected oscillators. Mathematical Notes, 1993, 54, 1147-1153.	0.4	0
32	Stationarity properties of neural networks. Journal of Applied Probability, 1998, 35, 783-794.	0.7	0
33	Berry-Esseen and central limit theorems for serial rank statistics via graphs. Bernoulli, 2004, 10, ,	1.3	0