

# Marko Puljic

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

468  
citations

933447

10  
h-index

996975

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling learning and strategy formation as phase transitions in cortical networks. , 2016, , .		1
2	Pattern-based computing via sequential phase transitions in hierarchical mean field neuropercolation. Theoretical Computer Science, 2016, 633, 54-70.	0.9	5
3	Random graph theory and neuropercolation for modeling brain oscillations at criticality. Current Opinion in Neurobiology, 2015, 31, 181-188.	4.2	37
4	Hierarchical random cellular neural networks for system-level brain-like signal processing. Neural Networks, 2013, 45, 101-110.	5.9	31
5	Learning Effects in Coupled Arrays of Cellular Neural Oscillators. Cognitive Computation, 2013, 5, 164-169.	5.2	10
6	Neural Population Dynamics Modeled by Mean-Field Graphs. , 2011, , .		0
7	Metastability of Mean Field Neuropercolation “ The Role of Inhibitory Populations. , 2011, , 41-46.		2
8	Chaotic behavior in probabilistic cellular neural networks. , 2010, , .		0
9	Genome-wide survey for PilR recognition sites of the metal-reducing prokaryote Geobacter sulfurreducens. Gene, 2010, 469, 31-44.	2.2	23
10	GSEL Version 2, an Online Genome-Wide Query System of Operon Organization and Regulatory Sequence Elements of Geobacter sulfurreducens. OMICS A Journal of Integrative Biology, 2009, 13, 439-449.	2.0	7
11	MODELING GOAL-ORIENTED DECISION MAKING THROUGH COGNITIVE PHASE TRANSITIONS. New Mathematics and Natural Computation, 2009, 05, 143-157.	0.7	11
12	Genome-wide analysis of the RpoN regulon in Geobacter sulfurreducens. BMC Genomics, 2009, 10, 331.	2.8	51
13	Diversity of promoter elements in a Geobacter sulfurreducens mutant adapted to disruption in electron transfer. Functional and Integrative Genomics, 2009, 9, 15-25.	3.5	8
14	Genome Regions Involved in Multiple Regulatory Pathways Identified Using GSEL, A Genome-Wide Database of Regulatory Sequence Elements of Geobacter sulfurreducens. , 2008, , .		0
15	Narrow-band oscillations in probabilistic cellular automata. Physical Review E, 2008, 78, 026214.	2.1	27
16	Modeling scale-free neurodynamics using neuropercolation approach. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 1122001-1122002.	0.2	0
17	Genome-wide expression profiling in Geobacter sulfurreducens: identification of Fur and RpoS transcription regulatory sites in a rel Gsu mutant. Functional and Integrative Genomics, 2007, 7, 229-255.	3.5	21
18	Computational prediction of RpoS and RpoD regulatory sites in Geobacter sulfurreducens using sequence and gene expression information. Gene, 2006, 384, 73-95.	2.2	26

#	ARTICLE	IF	CITATIONS
19	Activation clustering in neural and social networks. Complexity, 2005, 10, 42-50.	1.6	26
20	Phase transitions in the neuropercolation model of neural populations with mixed local and non-local interactions. Biological Cybernetics, 2005, 92, 367-379.	1.3	138
21	Limit Cycle Oscillations in Random Cellular Automata. , 2005, , .		0
22	Neuropercolation: A Random Cellular Automata Approach to Spatio-temporal Neurodynamics. Lecture Notes in Computer Science, 2004, , 435-443.	1.3	29