Christo Panchev

List of Publications by Year
in descending order

17	125	1307594 7	1281871 11
papers	citations	h-index	g-index

17	17	17	91
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detecting Port Scans against Mobile Devices with Neural Networks and Decision Trees. Communications in Computer and Information Science, 2014, , 175-182.	0.5	3
2	Multi-modal novelty and familiarity detection. BMC Neuroscience, 2013, 14, .	1.9	0
3	Hearing Aid Classification Based on Audiology Data. Lecture Notes in Computer Science, 2013, , 375-380.	1.3	2
4	A hierarchical attention-based neural network architecture, based on human brain guidance, for perception, conceptualisation, action and reasoning. Image and Vision Computing, 2009, 27, 1641-1657.	4.5	13
5	Optimising the Hystereses of a Two Context Layer RNN for Text Classification. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	10
6	Computing with active dendrites. Neurocomputing, 2007, 70, 1702-1705.	5.9	4
7	Robust Text Classification Using a Hysteresis-Driven Extended SRN. Lecture Notes in Computer Science, 2007, , 425-434.	1.3	5
8	An Oscillatory Model for Multimodal Processing of Short Language Instructions. Lecture Notes in Computer Science, 2007, , 943-952.	1.3	0
9	Temporal sequence detection with spiking neurons: towards recognizing robot language instructions. Connection Science, 2006, 18, 1-22.	3.0	19
10	Temporal Processing in a Spiking Model of the Visual System. Lecture Notes in Computer Science, 2006, , 750-759.	1.3	0
11	Image Invariant Robot Navigation Based on Self Organising Neural Place Codes. Lecture Notes in Computer Science, 2005, , 88-106.	1.3	1
12	A Spiking Neural Network Model of Multi-modal Language Processing of Robot Instructions. Lecture Notes in Computer Science, 2005, , 182-210.	1.3	6
13	Spike-timing-dependent synaptic plasticity: from single spikes to spike trains. Neurocomputing, 2004, 58-60, 365-371.	5.9	26
14	Symbolic state transducers and recurrent neural preference machines for text mining. International Journal of Approximate Reasoning, 2003, 32, 237-258.	3.3	7
15	Hybrid preference machines based on inspiration from neuroscience. Cognitive Systems Research, 2002, 3, 255-270.	2.7	5
16	Spike-Timing Dependent Competitive Learning of Integrate-and-Fire Neurons with Active Dendrites. Lecture Notes in Computer Science, 2002, , 896-901.	1.3	12
17	A neural network inversion approach to electromagnetic device design. IEEE Transactions on Magnetics, 2000, 36, 1080-1084.	2.1	12