

Masato Okada

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

537
citations

687363

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642732

23
g-index

24
all docs

24
docs citations

24
times ranked

613
citing authors

#	ARTICLE	IF	CITATIONS
1	L0 regularization-based compressed sensing with quantum-classical hybrid approach. Quantum Science and Technology, 2022, 7, 035013.	5.8	5
2	Statistical mechanics of CDMA multiuser detector implemented in coherent Ising machine. Journal of Applied Physics, 2018, 124, 233102.	2.5	6
3	Critical memory capacity of Hopfield model implemented in coherent Ising machine. Journal of Applied Physics, 2018, 124, 152129.	2.5	3
4	Context sensitivity in the detection of changes in facial emotion. Scientific Reports, 2016, 6, 27798.	3.3	7
5	Modulation of Emotional Category Induced by Temporal Factors in Emotion Recognition. PLoS ONE, 2015, 10, e0131636.	2.5	3
6	The implicit processing of categorical and dimensional strategies: an fMRI study of facial emotion perception. Frontiers in Human Neuroscience, 2013, 7, 551.	2.0	18
7	Categorical and dimensional perceptions in decoding emotional facial expressions. Cognition and Emotion, 2012, 26, 587-601.	2.0	32
8	Measurement of infinitesimal phase response curves from noisy real neurons. Physical Review E, 2011, 84, 041902.	2.1	17
9	Information Loss Associated with Imperfect Observation and Mismatched Decoding. Frontiers in Computational Neuroscience, 2011, 5, 9.	2.1	9
10	Complex Sequencing Rules of Birdsong Can be Explained by Simple Hidden Markov Processes. PLoS ONE, 2011, 6, e24516.	2.5	51
11	Mismatched Decoding in the Brain. Journal of Neuroscience, 2010, 30, 4815-4826.	3.6	34
12	Extracting State Transition Dynamics from Multiple Spike Trains Using Hidden Markov Models with Correlated Poisson Distribution. Neural Computation, 2010, 22, 2369-2389.	2.2	6
13	Balanced Excitatory and Inhibitory Inputs to Cortical Neurons Decouple Firing Irregularity from Rate Modulations. Journal of Neuroscience, 2007, 27, 13802-13812.	3.6	64
14	A neural network model for generating complex birdsong syntax. Biological Cybernetics, 2007, 97, 441-448.	1.3	25
15	Study on Quantum Annealing Using the Density Matrix Renormalization Group. Interdisciplinary Information Sciences, 2007, 13, 49-55.	0.4	1
16	Estimating Spiking Irregularities Under Changing Environments. Neural Computation, 2006, 18, 2359-2386.	2.2	69
17	Residual Energies after Slow Quantum Annealing. Journal of the Physical Society of Japan, 2005, 74, 1649-1652.	1.6	57
18	The meaning of the platform simulator:solvable neural network models and complex neuron models.. The Brain & Neural Networks, 2005, 12, 87-93.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Acceleration effect of coupled oscillator systems. <i>Physical Review E</i> , 2002, 65, 046223.	2.1	8
20	Bistability of mixed states in a neural network storing hierarchical patterns. <i>Journal of Physics A</i> , 2000, 33, 2725-2737.	1.6	14
21	Statistical Mechanics of an Oscillator Associative Memory with Scattered Natural Frequencies. <i>Physical Review Letters</i> , 1999, 82, 2800-2803.	7.8	41
22	Random and systematic dilutions of synaptic connections in a neural network with a nonmonotonic response function. <i>Physical Review E</i> , 1998, 57, 2095-2103.	2.1	14
23	Capacity of autocorrelation associative memory with quantized synaptic weight. <i>Systems and Computers in Japan</i> , 1996, 27, 55-63.	0.2	3
24	Many Body Effect in Inner Shell Photoemission and Photoabsorption Spectra of La Compounds. <i>Journal of the Physical Society of Japan</i> , 1987, 56, 798-809.	1.6	50