Motonobu Hattori

List of Publications by Year
in descending order

26 papers	168 citations	1478505 6 h-index	1281871 11 g-index
26 all docs	26 docs citations	26 times ranked	85 citing authors

#	Article	IF	Citations
1	Multimodule associative memory for many-to-many associations. Neurocomputing, 1998, 19, 99-119.	5.9	26
2	Episodic Associative Memories. Neurocomputing, 1996, 12, 1-18.	5.9	20
3	Associative memory for intelligent control. Mathematics and Computers in Simulation, 2000, 51, 349-374.	4.4	17
4	Sequence disambiguation and pattern completion by cooperation between autoassociative and heteroassociative memories of functionally divided hippocampal CA3. Neurocomputing, 2008, 71, 3176-3183.	5.9	16
5	A biologically inspired dual-network memory model for reduction of catastrophic forgetting. Neurocomputing, 2014, 134, 262-268.	5.9	15
6	HIPPOCAMPAL MEMORY MODIFICATION INDUCED BY PATTERN COMPLETION AND SPIKE-TIMING DEPENDENT SYNAPTIC PLASTICITY. International Journal of Neural Systems, 2005, 15, 13-22.	5.2	13
7	Chaotic multidirectional associative memory. , 0, , .		11
8	Dual-network memory model using a chaotic neural network. , 2010, , .		10
9	Multidirectional associative memory with a hidden layer. Systems and Computers in Japan, 2002, 33, 1-9.	0.2	6
10	A fast method of constructing kernel patterns for morphological associative memory. , 0, , .		5
11	Autoassociative and heteroassociative hippocampal CA3 model based on location dependencies derived from anatomical and physiological findings. International Congress Series, 2007, 1301, 140-143.	0.2	4
12	Reduction of catastrophic forgetting in multilayer neural networks trained by contrastive Hebbian Learning with pseudorehearsal. , 2017, , .		4
13	Chaotic Bidirectional Associative Memory. IEEJ Transactions on Electronics, Information and Systems, 1996, 116, 741-747.	0.2	4
14	A hippocampal model for episodic memory using neurogenesis and asymmetric STDP. , 2016, , .		3
15	Sequence Disambiguation by Functionally Divided Hippocampal CA3 Model. Lecture Notes in Computer Science, 2006, , 117-126.	1.3	3
16	Reducing Spurious States by Rotor Associative Memory. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 109-115.	0.2	3
17	Avoiding Catastrophic Forgetting by a Biologically Inspired Dual-Network Memory Model. Lecture Notes in Computer Science, 2012, , 392-400.	1.3	3
18	Sequential Learning for SOM Associative Memory with Map Reconstruction. Lecture Notes in Computer Science, 2001, , 477-484.	1.3	2

#	Article	IF	Citations
19	Characteristics of contrastive Hebbian learning with pseudorehearsal for multilayer neural networks on reduction of catastrophic forgetting. International Journal of Computational Intelligence Studies, 2018, 7, 289.	0.3	1
20	Spatial and Temporal Selectivity of Hippocampal CA3 and Its Contribution to Sequence Disambiguation. Lecture Notes in Computer Science, 2007, , 49-58.	1.3	1
21	Improvement of Reuse of Classifiers in CBIR Using SVM Active Learning. Lecture Notes in Computer Science, 2010, , 598-605.	1.3	1
22	Reduction of catastrophic forgetting for multilayer neural networks trained by no-prop algorithm. , 2018, , .		0
23	Memory Modification Induced by Pattern Completion and STDP in Hippocampal CA3 Model. Lecture Notes in Computer Science, 2004, , 37-43.	1.3	0
24	Significance for Hippocampal Memory of Context-Like Information Generated in Hippocampal CA3c. Lecture Notes in Computer Science, 2009, , 344-351.	1.3	0
25	Parallel Learning for Combined Knowledge Acquisition Model. Lecture Notes in Computer Science, 2016, , 32-39.	1.3	0
26	Alpine Plants Recognition with Deep Convolutional Neural Network. Lecture Notes in Computer Science, 2017, , 572-577.	1.3	0