Ah Chung Tsoi

List of Publications by Year
in descending order

32 papers	7,756 citations	643344 15 h-index	511568 30 g-index
33 all docs	33 docs citations	33 times ranked	7461 citing authors

#	Article	IF	Citations
1	A Study on the effects of recursive convolutional layers in convolutional neural networks. Neurocomputing, 2021, 460, 59-70.	3.5	11
2	Human Action Segmentation Based on a Streaming Uniform Entropy Slice Method. IEEE Access, 2018, 6, 16958-16971.	2.6	7
3	High-resolution Self-Organizing Maps for advanced visualization and dimension reduction. Neural Networks, 2018, 105, 166-184.	3.3	21
4	The Vapnik–Chervonenkis dimension of graph and recursive neural networks. Neural Networks, 2018, 108, 248-259.	3.3	29
5	A novel object tracker designed based on a complementary framework. , 2017, , .		0
6	High Resolution Self-organizing Maps. Lecture Notes in Computer Science, 2016, , 441-454.	1.0	2
7	Solving graph data issues using a layered architecture approach with applications to web spam detection. Neural Networks, 2013, 48, 78-90.	3.3	11
8	Learning Structural Representations of Text Documents in Large Document Collections. Intelligent Systems Reference Library, 2013, , 471-503.	1.0	1
9	Supervised Encoding of Graph-of-Graphs for Classification and Regression Problems. Lecture Notes in Computer Science, 2010, , 449-461.	1.0	3
10	Web Spam Detection by Probability Mapping GraphSOMs and Graph Neural Networks. Lecture Notes in Computer Science, 2010, , 372-381.	1.0	7
11	The Graph Neural Network Model. IEEE Transactions on Neural Networks, 2009, 20, 61-80.	4.8	4,021
12	Efficient Clustering of Structured Documents Using Graph Self-Organizing Maps. Lecture Notes in Computer Science, 2007, , 207-221.	1.0	11
13	Combined learning and pruning for recurrent radial basis function networks based on recursive least square algorithms. Neural Computing and Applications, 2006, 15, 62-78.	3.2	18
14	A supervised training algorithm for self-organizing maps for structures. Pattern Recognition Letters, 2005, 26, 1874-1884.	2.6	21
15	Graphical-Based Learning Environments for Pattern Recognition. Lecture Notes in Computer Science, 2004, , 42-56.	1.0	19
16	Using attributed plex grammars for the generation of image and graph databases. Pattern Recognition Letters, 2003, 24, 1081-1087.	2.6	8
17	An improved algorithm for learning long-term dependency problems in adaptive processing of data structures. IEEE Transactions on Neural Networks, 2003, 14, 781-793.	4.8	34
18	A self-organizing map for adaptive processing of structured data. IEEE Transactions on Neural Networks, 2003, 14, 491-505.	4.8	138

#	Article	IF	Citations
19	Nonlinear system modeling via knot-optimizing B-spline networks. IEEE Transactions on Neural Networks, 2001, 12, 1013-1022.	4.8	24
20	A Supervised Self-Organizing Map for Structured Data. , 2001, , 21-28.		18
21	Universal Approximation Using Feedforward Neural Networks: A Survey of Some Existing Methods, and Some New Results. Neural Networks, 1998, 11, 15-37.	3.3	436
22	On the closure of the set of functions that can be realized by a given multilayer perceptron. IEEE Transactions on Neural Networks, 1998, 9, 1086-1098.	4.8	5
23	Recurrent neural network architectures: An overview. Lecture Notes in Computer Science, 1998, , 1-26.	1.0	17
24	An evaluation of the neocognitron. IEEE Transactions on Neural Networks, 1997, 8, 1090-1105.	4.8	18
25	Face recognition: a convolutional neural-network approach. IEEE Transactions on Neural Networks, 1997, 8, 98-113.	4.8	2,444
26	Recurrent neural networks: A constructive algorithm, and its properties. Neurocomputing, 1997, 15, 309-326.	3.5	27
27	Discrete time recurrent neural network architectures: A unifying review. Neurocomputing, 1997, 15, 183-223.	3.5	90
28	Locally recurrent globally feedforward networks: a critical review of architectures. IEEE Transactions on Neural Networks, 1994, 5, 229-239.	4.8	253
29	A Simplified Gradient Algorithm for IIR Synapse Multilayer Perceptrons. Neural Computation, 1993, 5, 456-462.	1.3	41
30	An Adaptive Lattice Architecture for Dynamic Multilayer Perceptrons. Neural Computation, 1992, 4, 922-931.	1.3	12
31	Representational Capabilities of Multilayer Feedforward Networks with Time-Delay Synapses. , 1992, , .		0
32	Structural identification of linear multivariable systems using overlapping forms: a new parametrization. International Journal of Control, 1984, 40, 971-987.	1.2	3