

Ah Chung Tsoi

List of Publications by Year in descending order

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32
papers

7,756
citations

567247

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454934

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g-index

33
all docs

33
docs citations

33
times ranked

6598
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study on the effects of recursive convolutional layers in convolutional neural networks. Neurocomputing, 2021, 460, 59-70.	5.9	11
2	Human Action Segmentation Based on a Streaming Uniform Entropy Slice Method. IEEE Access, 2018, 6, 16958-16971.	4.2	7
3	High-resolution Self-Organizing Maps for advanced visualization and dimension reduction. Neural Networks, 2018, 105, 166-184.	5.9	21
4	The Vapnik-Chervonenkis dimension of graph and recursive neural networks. Neural Networks, 2018, 108, 248-259.	5.9	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.	1.3	2
7	Solving graph data issues using a layered architecture approach with applications to web spam detection. Neural Networks, 2013, 48, 78-90.	5.9	11
8	Learning Structural Representations of Text Documents in Large Document Collections. Intelligent Systems Reference Library, 2013, , 471-503.	1.2	1
9	Supervised Encoding of Graph-of-Graphs for Classification and Regression Problems. Lecture Notes in Computer Science, 2010, , 449-461.	1.3	3
10	Web Spam Detection by Probability Mapping GraphSOMs and Graph Neural Networks. Lecture Notes in Computer Science, 2010, , 372-381.	1.3	7
11	The Graph Neural Network Model. IEEE Transactions on Neural Networks, 2009, 20, 61-80.	4.2	4,021
12	Efficient Clustering of Structured Documents Using Graph Self-Organizing Maps. Lecture Notes in Computer Science, 2007, , 207-221.	1.3	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.	5.6	18
14	A supervised training algorithm for self-organizing maps for structures. Pattern Recognition Letters, 2005, 26, 1874-1884.	4.2	21
15	Graphical-Based Learning Environments for Pattern Recognition. Lecture Notes in Computer Science, 2004, , 42-56.	1.3	19
16	Using attributed plex grammars for the generation of image and graph databases. Pattern Recognition Letters, 2003, 24, 1081-1087.	4.2	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.	4.2	34
18	A self-organizing map for adaptive processing of structured data. IEEE Transactions on Neural Networks, 2003, 14, 491-505.	4.2	138

#	ARTICLE	IF	CITATIONS
19	Nonlinear system modeling via knot-optimizing B-spline networks. IEEE Transactions on Neural Networks, 2001, 12, 1013-1022.	4.2	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.	5.9	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.	4.2	5
23	Recurrent neural network architectures: An overview. Lecture Notes in Computer Science, 1998, , 1-26.	1.3	17
24	An evaluation of the neocognitron. IEEE Transactions on Neural Networks, 1997, 8, 1090-1105.	4.2	18
25	Face recognition: a convolutional neural-network approach. IEEE Transactions on Neural Networks, 1997, 8, 98-113.	4.2	2,444
26	Recurrent neural networks: A constructive algorithm, and its properties. Neurocomputing, 1997, 15, 309-326.	5.9	27
27	Discrete time recurrent neural network architectures: A unifying review. Neurocomputing, 1997, 15, 183-223.	5.9	90
28	Locally recurrent globally feedforward networks: a critical review of architectures. IEEE Transactions on Neural Networks, 1994, 5, 229-239.	4.2	253
29	A Simplified Gradient Algorithm for IIR Synapse Multilayer Perceptrons. Neural Computation, 1993, 5, 456-462.	2.2	41
30	An Adaptive Lattice Architecture for Dynamic Multilayer Perceptrons. Neural Computation, 1992, 4, 922-931.	2.2	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.	1.9	3