Markus Hagenbuchner

List of Publications by Year
in descending order

33 papers	4,726 citations	840776 11 h-index	642732 23 g-index
34 all docs	34 docs citations	34 times ranked	3787 citing authors

#	Article	IF	Citations
1	The Graph Neural Network Model. IEEE Transactions on Neural Networks, 2009, 20, 61-80.	4.2	4,021
2	A self-organizing map for adaptive processing of structured data. IEEE Transactions on Neural Networks, 2003, 14, 491-505.	4.2	138
3	Computational Capabilities of Graph Neural Networks. IEEE Transactions on Neural Networks, 2009, 20, 81-102.	4.2	131
4	Breast cancer data analysis for survivability studies and prediction. Computer Methods and Programs in Biomedicine, 2018, 155, 199-208.	4.7	82
5	Automated functional testing of online search services. Software Testing Verification and Reliability, 2012, 22, 221-243.	2.0	69
6	Prediction of activity type in preschool children using machine learning techniques. Journal of Science and Medicine in Sport, 2015, 18, 426-431.	1.3	48
7	Sensor-enabled Activity Class Recognition in Preschoolers. Medicine and Science in Sports and Exercise, 2018, 50, 634-641.	0.4	35
8	Spectral embedding based facial expression recognition with multiple features. Neurocomputing, 2014, 129, 136-145.	5.9	26
9	A supervised training algorithm for self-organizing maps for structures. Pattern Recognition Letters, 2005, 26, 1874-1884.	4.2	21
10	Learning Nonsparse Kernels by Self-Organizing Maps for Structured Data. IEEE Transactions on Neural Networks, 2009, 20, 1938-1949.	4.2	21
11	A Supervised Self-Organizing Map for Structured Data. , 2001, , 21-28.		18
12	Ranking Web Pages Using Machine Learning Approaches. , 2008, , .		15
13	Sign Language Translation with Hierarchical Spatio-Temporal Graph Neural Network. , 2022, , .		12
14	A Study on the effects of recursive convolutional layers in convolutional neural networks. Neurocomputing, 2021, 460, 59-70.	5.9	11
15	Educator engagement and interaction and children's physical activity in early childhood education and care settings: an observational study protocol. BMJ Open, 2017, 7, e014423.	1.9	10
16	Using attributed plex grammars for the generation of image and graph databases. Pattern Recognition Letters, 2003, 24, 1081-1087.	4.2	8
17	The WT10G dataset and the evolution of the web. , 2005, , .		8
18	Graph Fusion Network-Based Multimodal Learning for Freezing of Gait Detection. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1588-1600.	11.3	7

#	Article	IF	Citations
19	Web Spam Detection by Probability Mapping GraphSOMs and Graph Neural Networks. Lecture Notes in Computer Science, 2010, , 372-381.	1.3	7
20	Quality Information Retrieval for the World Wide Web. , 2008, , .		6
21	Unsupervised and Supervised Learning of Graph Domains. Studies in Computational Intelligence, 2009, , 43-65.	0.9	6
22	Energy Cost of Physical Activities and Sedentary Behaviors in Young Children. Journal of Physical Activity and Health, 2016, 13, S7-S10.	2.0	5
23	Sentence Extraction by Graph Neural Networks. Lecture Notes in Computer Science, 2010, , 237-246.	1.3	5
24	Self Organizing Maps for the Clustering of Large Sets of Labeled Graphs. Lecture Notes in Computer Science, 2009, , 469-481.	1.3	4
25	Supervised Encoding of Graph-of-Graphs for Classification and Regression Problems. Lecture Notes in Computer Science, 2010, , 449-461.	1.3	3
26	Self-Organizing Maps for Structured Domains: Theory, Models, and Learning of Kernels. Studies in Computational Intelligence, 2009, , 9-42.	0.9	2
27	Learning Structural Representations of Text Documents in Large Document Collections. Intelligent Systems Reference Library, 2013, , 471-503.	1.2	1
28	Free-living Evaluation Of Laboratory-based Machine Learning Algorithms For Activity Classification In Preschool Children. Medicine and Science in Sports and Exercise, 2019, 51, 162-163.	0.4	0
29	Application of Text Mining Methodologies to Health Insurance Schedules. Computational Intelligence and Its Applications Series, 2006, , 29-51.	0.2	0
30	Application of Text Mining Methodologies to Health Insurance Schedules. , 2009, , 785-806.		0
31	Recognition of Sequences of Graphical Patterns. Lecture Notes in Computer Science, 2010, , 48-59.	1.3	0
32	Application of Text Mining Methodologies to Health Insurance Schedules. , 0, , 944-963.		0
33	PO-1558 Fast dose predictions with generative adversarial networks for treatment planning of novel therapies. Radiotherapy and Oncology, 2022, 170, S1340-S1341.	0.6	0