

Guido Bologna

List of Publications by Year in descending order

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933447

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docs citations

18
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826
citing authors

#	ARTICLE	IF	CITATIONS
1	A Rule Extraction Technique Applied to Ensembles of Neural Networks, Random Forests, and Gradient-Boosted Trees. <i>Algorithms</i> , 2021, 14, 339.	2.1	9
2	Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. <i>Neurocomputing</i> , 2020, 410, 237-270.	5.9	121
3	A Two-Step Rule-Extraction Technique for a CNN. <i>Electronics (Switzerland)</i> , 2020, 9, 990.	3.1	10
4	A Simple Convolutional Neural Network with Rule Extraction. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2411.	2.5	19
5	Propositional Rules Generated at the Top Layers of a CNN. <i>Lecture Notes in Computer Science</i> , 2019, , 432-440.	1.3	2
6	A Rule Extraction Study from SVM on Sentiment Analysis. <i>Big Data and Cognitive Computing</i> , 2018, 2, 6.	4.7	12
7	A Comparison Study on Rule Extraction from Neural Network Ensembles, Boosted Shallow Trees, and SVMs. <i>Applied Computational Intelligence and Soft Computing</i> , 2018, 2018, 1-20.	2.3	26
8	A Rule Extraction Study Based on a Convolutional Neural Network. <i>Lecture Notes in Computer Science</i> , 2018, , 304-313.	1.3	2
9	Characterization of Symbolic Rules Embedded in Deep DIMLP Networks: A Challenge to Transparency of Deep Learning. <i>Journal of Artificial Intelligence and Soft Computing Research</i> , 2017, 7, 265-286.	4.3	73
10	QSVM: A Support Vector Machine for Rule Extraction. <i>Lecture Notes in Computer Science</i> , 2015, , 276-289.	1.3	9
11	Walking Behavior Change Detector for a "Smart" Walker. <i>Procedia Computer Science</i> , 2014, 39, 43-50.	2.0	6
12	Toward local and global perception modules for vision substitution. <i>Neurocomputing</i> , 2011, 74, 1182-1190.	5.9	13
13	N-Terminal myristoylation predictions by ensembles of neural networks. <i>Proteomics</i> , 2004, 4, 1626-1632.	2.2	199
14	Is it worth generating rules from neural network ensembles?. <i>Journal of Applied Logic</i> , 2004, 2, 325-348.	1.1	46
15	A STUDY ON RULE EXTRACTION FROM SEVERAL COMBINED NEURAL NETWORKS. <i>International Journal of Neural Systems</i> , 2001, 11, 247-255.	5.2	27
16	Symbolic Rule Extraction from the DIMLP Neural Network. <i>Lecture Notes in Computer Science</i> , 2000, , 240-254.	1.3	20