Rudy Setiono

List of Publications by Year
in descending order

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30 papers	2,742 citations	304743 22 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	1675 citing authors

#	Article	IF	Citations
1	Using Neural Network Rule Extraction and Decision Tables for Credit-Risk Evaluation. Management Science, 2003, 49, 312-329.	4.1	384
2	Product-, Corporate-, and Country-Image Dimensions and Purchase Behavior: A Multicountry Analysis. Journal of the Academy of Marketing Science, 2004, 32, 251-270.	11.2	313
3	Neural-network feature selector. IEEE Transactions on Neural Networks, 1997, 8, 654-662.	4.2	304
4	Incremental Feature Selection. Applied Intelligence, 1998, 9, 217-230.	5.3	254
5	Generating concise and accurate classification rules for breast cancer diagnosis. Artificial Intelligence in Medicine, 2000, 18, 205-219.	6.5	205
6	A Penalty-Function Approach for Pruning Feedforward Neural Networks. Neural Computation, 1997, 9, 185-204.	2.2	161
7	Extracting Rules from Neural Networks by Pruning and Hidden-Unit Splitting. Neural Computation, 1997, 9, 205-225.	2.2	137
8	Extracting rules from pruned neural networks for breast cancer diagnosis. Artificial Intelligence in Medicine, 1996, 8, 37-51.	6.5	123
9	Recursive Neural Network Rule Extraction for Data With Mixed Attributes. IEEE Transactions on Neural Networks, 2008, 19, 299-307.	4.2	117
10	Feedforward Neural Network Construction Using Cross Validation. Neural Computation, 2001, 13, 2865-2877.	2.2	92
11	NeuroLinear: From neural networks to oblique decision rules. Neurocomputing, 1997, 17, 1-24.	5.9	91
12	FERNN: An Algorithm for Fast Extraction of Rules from Neural Networks. Applied Intelligence, 2000, 12, 15-25.	5.3	90
13	A comparison between two neural network rule extraction techniques for the diagnosis of hepatobiliary disorders. Artificial Intelligence in Medicine, 2000, 20, 205-216.	6.5	56
14	Combining neural network predictions for medical diagnosis. Computers in Biology and Medicine, 2002, 32, 237-246.	7.0	50
15	An approach to generate rules from neural networks for regression problems. European Journal of Operational Research, 2004, 155, 239-250.	5.7	44
16	A note on knowledge discovery using neural networks and its application to credit card screening. European Journal of Operational Research, 2009, 192, 326-332.	5.7	39
17	RULE EXTRACTION FROM MINIMAL NEURAL NETWORKS FOR CREDIT CARD SCREENING. International Journal of Neural Systems, 2011, 21, 265-276.	5.2	37
18	Some issues on scalable feature selection1This is an extended version of the paper presented at the Fourth World Congress of Expert Systems: Application of Advanced Information Technologies held in Mexico City in March 1998.1. Expert Systems With Applications, 1998, 15, 333-339.	7.6	34

#	Article	IF	Citations
19	Symbolic rule extraction from neural networks. Information and Management, 1998, 34, 91-101.	6.5	33
20	Dimensionality reduction via discretization. Knowledge-Based Systems, 1996, 9, 67-72.	7.1	29
21	Understanding consumer heterogeneity: A business intelligence application of neural networks. Knowledge-Based Systems, 2010, 23, 856-863.	7.1	29
22	On the solution of the parity problem by a single hidden layer feedforward neural network. Neurocomputing, 1997, 16, 225-235.	5.9	26
23	A Neural Network Construction Algorithm which Maximizes the Likelihood Function. Connection Science, 1995, 7, 147-166.	3.0	23
24	Improving backpropagation learning with feature selection. Applied Intelligence, 1996, 6, 129-139.	5.3	21
25	Neural network training and rule extraction with augmented discretized input. Neurocomputing, 2016, 207, 610-622.	5.9	18
26	Guest Editorial White Box Nonlinear Prediction Models. IEEE Transactions on Neural Networks, 2011, 22, 2406-2408.	4.2	10
27	Effective Query Size Estimation Using Neural Networks. Applied Intelligence, 2002, 16, 173-183.	5.3	7
28	GENERATING CONCISE SETS OF LINEAR REGRESSION RULES FROM ARTIFICIAL NEURAL NETWORKS. International Journal on Artificial Intelligence Tools, 2002, 11, 189-202.	1.0	6
29	Neural network rule extraction for gaining insight into the characteristics of poverty. Neural Computing and Applications, 2018, 30, 2795-2806.	5.6	5
30	A Hybrid SOM-SVM Approach for the Zebrafish Gene Expression Analysis. Genomics, Proteomics and Bioinformatics, 2005, 3, 84-93.	6.9	4