

Petr Somol

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

345
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast branch & bound algorithms for optimal feature selection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 900-912.	13.9	196
2	Filter- versus wrapper-based feature selection for credit scoring. International Journal of Intelligent Systems, 2005, 20, 985-999.	5.7	43
3	Computer-Aided Evaluation of Screening Mammograms Based on Local Texture Models. IEEE Transactions on Image Processing, 2009, 18, 765-773.	9.8	42
4	Multiple Classifier Fusion in Probabilistic Neural Networks. Pattern Analysis and Applications, 2002, 5, 221-233.	4.6	22
5	Identifying the most Informative Variables for Decision-Making Problems - a Survey of Recent Approaches and Accompanying Problems. Acta Oeconomica Pragensia, 2008, 16, 37-55.	0.1	11
6	Current Feature Selection Techniques in Statistical Pattern Recognition. Advances in Soft Computing, 2005, , 53-68.	0.4	8
7	Probabilistic neural network playing and learning Ticâ€“Tacâ€“Toe. Pattern Recognition Letters, 2005, 26, 1866-1873.	4.2	7
8	Branch & Bound Algorithm with Partial Prediction for Use with Recursive and Non-Recursive Criterion Forms. Lecture Notes in Computer Science, 2001, , 232-241.	1.3	6
9	Efficient anomaly detection through surrogate neural networks. Neural Computing and Applications, 2022, 34, 20491-20505.	5.6	4
10	Digital Image Forgery Detection by Local Statistical Models. , 2010, , .		2
11	The Problem of Fragile Feature Subset Preference in Feature Selection Methods and a Proposal of Algorithmic Workaround. , 2010, , .		1
12	On Prediction Mechanisms in Fast Branch & Bound Algorithms. Lecture Notes in Computer Science, 2004, , 716-724.	1.3	1
13	FURTHER EDUCATION, ITS METHODS AND SELECTED CHARACTERISTICS OF ORGANISATIONS: AN EMPIRICAL STUDY OF THEIR ASSOCIATION WITH ORGANISATIONS PROFITABILITY. Business, Management and Economics Engineering, 2021, 19, 111-130.	1.2	0