Tapio Elomaa

List of Publications by Year
in descending order

36 papers	**385** citations	1163117 **8** h-index	794594 **19** g-index
43 all docs	**43** docs citations	**43** times ranked	**205** citing authors

#	Article	IF	Citations
1	General and Efficient Multisplitting of Numerical Attributes. Machine Learning, 1999, 36, 201-244.	5.4	134
2	Efficient Multisplitting Revisited: Optima-Preserving Elimination of Partition Candidates. Data Mining and Knowledge Discovery, 2004, 8, 97-126.	3.7	38
3	Flexible view recognition for indoor navigation based on Gabor filters and support vector machines. Pattern Recognition, 2003, 36, 2769-2779.	8.1	23
4	Forecasting sales in industrial services. Journal of Service Management, 2018, 29, 277-300.	7.2	17
5	Necessary and Sufficient Pre-processing in Numerical Range Discretization. Knowledge and Information Systems, 2003, 5, 162-182.	3.2	11
6	The Biases of Decision Tree Pruning Strategies. Lecture Notes in Computer Science, 1999, , 63-74.	1.3	11
7	Covering Analysis of the Greedy Algorithm for Partial Cover. Lecture Notes in Computer Science, 2010, , 102-113.	1.3	10
8	A Voronoi Diagram Approach to Autonomous Clustering. Lecture Notes in Computer Science, 2006, , 149-160.	1.3	9
9	On Lookahead Heuristics in Decision Tree Learning. Lecture Notes in Computer Science, 2003, , 445-453.	1.3	8
10	An Analysis of Relevance Vector Machine Regression. Studies in Computational Intelligence, 2010, , 227-246.	0.9	7
11	Improved Algorithms for Univariate Discretization of Continuous Features. Lecture Notes in Computer Science, 2007, , 188-199.	1.3	6
12	On Autonomous k-Means Clustering. Lecture Notes in Computer Science, 2005, , 228-236.	1.3	5
13	A Walk from 2-Norm SVM to 1-Norm SVM. , 2009, , .		5
14	Online ChiMerge Algorithm. Intelligent Systems Reference Library, 2012, , 199-216.	1.2	5
15	Integer Linear Programming-Based Scheduling for Transport Triggered Architectures. Transactions on Architecture and Code Optimization, 2016, 12, 1-22.	2.0	4
16	Following the Perturbed Leader to Gamble at Multi-armed Bandits. Lecture Notes in Computer Science, 2007, , 166-180.	1.3	4
17	Speeding Up the Search for Optimal Partitions. Lecture Notes in Computer Science, 1999, , 89-97.	1.3	3
18	On Decision Boundaries of Naïve Bayes in Continuous Domains. Lecture Notes in Computer Science, 2003, , 144-155.	1.3	3

#	Article	IF	Citations
19	On look-ahead and pathology in decision tree learning. Journal of Experimental and Theoretical Artificial Intelligence, 2005, 17, 19-33.	2.8	3
20	The cost of offline binary search tree algorithms and the complexity of the request sequence. Theoretical Computer Science, 2008, 393, 231-239.	0.9	3
21	Facilitating technology forestry: Software tool support for creating functional technology trees. , 2013, , .		3
22	Maintaining Optimal Multi-way Splits for Numerical Attributes in Data Streams. , 2008, , 544-553.		3
23	Practical Approximation of Optimal Multivariate Discretization. Lecture Notes in Computer Science, 2006, , 612-621.	1.3	2
24	Unsupervised Classifier Selection Based on Two-Sample Test. Lecture Notes in Computer Science, 2008, , 28-39.	1.3	2
25	Approximation Algorithms for Minimizing Empirical Error by Axis-Parallel Hyperplanes. Lecture Notes in Computer Science, 2005, , 547-555.	1.3	2
26	Poketree: A Dynamically Competitive Data Structure with Good Worst-Case Performance. Lecture Notes in Computer Science, 2006, , 277-288.	1.3	2
27	Rademacher Penalization over Decision Tree Prunings. Lecture Notes in Computer Science, 2003, , 193-204.	1.3	1
28	The Difficulty of Reduced Error Pruning of Leveled Branching Programs. Annals of Mathematics and Artificial Intelligence, 2004, 41, 111-124.	1.3	1
29	Quality Measures for Improving Technology Trees. International Journal of Computer Games Technology, 2015, 2015, 1-10.	2.5	1
30	Efficient multisplitting on numerical data. Lecture Notes in Computer Science, 1997, , 178-188.	1.3	1
31	Linear-Time Preprocessing in Optimal Numerical Range Partitioning. Journal of Intelligent Information Systems, 2002, 18, 55-70.	3.9	0
32	Reduced Error Pruning of branching programs cannot be approximated to within a logarithmic factor. Information Processing Letters, 2003, 87, 73-78.	0.6	0
33	Special issue on data analysis methodologies for intelligent systems: guest editorâ€™s introduction. Journal of Intelligent Information Systems, 2011, 37, 291-292.	3.9	0
34	Augmenting Technology Trees: Automation and Tool Support. , 2015, , .		0
35	On the Complexity of Optimal Multisplitting. Lecture Notes in Computer Science, 2000, , 552-561.	1.3	0
36	Experiments with Projection Learning. Lecture Notes in Computer Science, 2002, , 127-140.	1.3	0