Donato Malerba

List of Publications by Year
in descending order

236	4,008	147566	161609
papers	citations	31 h-index	54 g-index

261	261	261	2698
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Process Mining Manifesto. Lecture Notes in Business Information Processing, 2012, , 169-194.	0.8	546
2	A comparative analysis of methods for pruning decision trees. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1997, 19, 476-493.	9.7	395
3	Top-down induction of model trees with regression and splitting nodes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 612-625.	9.7	86
4	Classifying web documents in a hierarchy of categories: a comprehensive study. Journal of Intelligent Information Systems, 2007, 28, 37-78.	2.8	86
5	Autoencoder-based deep metric learning for network intrusion detection. Information Sciences, 2021, 569, 706-727.	4.0	81
6	Inducing Multi-Level Association Rules from Multiple Relations. Machine Learning, 2004, 55, 175-210.	3.4	76
7	MULTISTRATEGY LEARNING FOR DOCUMENT RECOGNITION. Applied Artificial Intelligence, 1994, 8, 33-84.	2.0	70
8	Multi-Channel Deep Feature Learning for Intrusion Detection. IEEE Access, 2020, 8, 53346-53359.	2.6	70
9	Discovery of spatial association rules in geo-referenced census data: A relational mining approach. Intelligent Data Analysis, 2003, 7, 541-566.	0.4	66
10	CloFAST: closed sequential pattern mining using sparse and vertical id-lists. Knowledge and Information Systems, 2016, 48, 429-463.	2.1	66
11	Predictive Modeling of PV Energy Production: How to Set Up the Learning Task for a Better Prediction?. IEEE Transactions on Industrial Informatics, 2017, 13, 956-966.	7.2	66
12	GAN augmentation to deal with imbalance in imaging-based intrusion detection. Future Generation Computer Systems, 2021, 123, 108-127.	4.9	62
13	Nearest cluster-based intrusion detection through convolutional neural networks. Knowledge-Based Systems, 2021, 216, 106798.	4.0	59
14	Transforming paper documents into XML format with WISDOM++. International Journal on Document Analysis and Recognition, 2001, 4, 2-17.	2.7	54
15	Using Convolutional Neural Networks for Predictive Process Analytics. , 2019, , .		52
16	A Co-Training Strategy for Multiple View Clustering in Process Mining. IEEE Transactions on Services Computing, 2016, 9, 832-845.	3.2	51
17	Completion Time and Next Activity Prediction of Processes Using Sequential Pattern Mining. Lecture Notes in Computer Science, 2014, , 49-61.	1.0	51
18	Integrating microRNA target predictions for the discovery of gene regulatory networks: a semi-supervised ensemble learning approach. BMC Bioinformatics, 2014, 15, S4.	1.2	45

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19	Machine Learning for Intelligent Processing of Printed Documents. Journal of Intelligent Information Systems, 2000, 14, 175-198.	2.8	44
20	ComiRNet: a web-based system for the analysis of miRNA-gene regulatory networks. BMC Bioinformatics, 2015, 16, S7.	1.2	43
21	A Logic Framework for the Incremental Inductive Synthesis of Datalog Theories. Lecture Notes in Computer Science, 1998, , 300-321.	1.0	42
22	Using PPI network autocorrelation in hierarchical multi-label classification trees for gene function prediction. BMC Bioinformatics, 2013, 14, 285.	1.2	41
23	Spatial autocorrelation and entropy for renewable energy forecasting. Data Mining and Knowledge Discovery, 2019, 33, 698-729.	2.4	41
24	DENCAST: distributed density-based clustering for multi-target regression. Journal of Big Data, 2019, 6, .	6.9	40
25	A Novel Biclustering Algorithm for the Discovery of Meaningful Biological Correlations between microRNAs and their Target Genes. BMC Bioinformatics, 2013, 14, S8.	1.2	38
26	Effectively and efficiently supporting roll-up and drill-down OLAP operations over continuous dimensions via hierarchical clustering. Journal of Intelligent Information Systems, 2015, 44, 309-333.	2.8	37
27	Multi-type clustering and classification from heterogeneous networks. Information Sciences, 2018, 425, 107-126.	4.0	37
28	The effects of pruning methods on the predictive accuracy of induced decision trees. Applied Stochastic Models in Business and Industry, 1999, 15, 277-299.	0.9	36
29	Mining spatio-temporal data. Journal of Intelligent Information Systems, 2006, 27, 187-190.	2.8	35
30	Dealing with spatial autocorrelation when learning predictive clustering trees. Ecological Informatics, 2013, 13, 22-39.	2.3	34
31	Classification in noisy environments using a distance measure between structural symbolic descriptions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1992, 14, 390-402.	9.7	33
32	Using multiple time series analysis for geosensor data forecasting. Information Sciences, 2017, 380, 31-52.	4.0	32
33	A novel spectral-spatial co-training algorithm for the transductive classification of hyperspectral imagery data. Pattern Recognition, 2017, 63, 229-245.	5.1	32
34	A parallel, distributed algorithm for relational frequent pattern discovery from very large data sets. Intelligent Data Analysis, 2011, 15, 69-88.	0.4	29
35	Mr-SBC: A Multi-relational NaÃ¯ve Bayes Classifier. Lecture Notes in Computer Science, 2003, , 95-106.	1.0	29
36	Empowering a GIS with inductive learning capabilities: the case of INGENS. Computers, Environment and Urban Systems, 2003, 27, 265-281.	3.3	26

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37	Segmentation-aided classification of hyperspectral data using spatial dependency of spectral bands. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 147, 215-231.	4.9	26
38	A Multi-Stage Machine Learning Approach to Predict Dengue Incidence: A Case Study in Mexico. IEEE Access, 2020, 8, 52713-52725.	2.6	26
39	Adding machine learning and knowledge intensive techniques to a digital library service. International Journal on Digital Libraries, 1998, 2, 3-19.	1.1	25
40	Exploiting causality in gene network reconstruction based on graph embedding. Machine Learning, 2020, 109, 1231-1279.	3.4	25
41	A Multi-View Deep Learning Approach for Predictive Business Process Monitoring. IEEE Transactions on Services Computing, 2022, 15, 2382-2395.	3.2	25
42	Classification of symbolic objects: A lazy learning approach. Intelligent Data Analysis, 2006, 10, 301-324.	0.4	24
43	Summarizing numeric spatial data streams by trend cluster discovery. Data Mining and Knowledge Discovery, 2015, 29, 84-136.	2.4	24
44	A Further Comparison of Simplification Methods for Decision-Tree Induction. Lecture Notes in Statistics, 1996, , 365-374.	0.1	24
45	Clustering-Aided Multi-View Classification: A Case Study on Android Malware Detection. Journal of Intelligent Information Systems, 2020, 55, 1-26.	2.8	23
46	Dealing with temporal and spatial correlations to classify outliers in geophysical data streams. Information Sciences, 2014, 285, 162-180.	4.0	22
47	Hierarchical Classification of HTML Documents with WebClassII. Lecture Notes in Computer Science, 2003, , 57-72.	1.0	22
48	A relational perspective on spatial data mining. International Journal of Data Mining, Modelling and Management, 2008, 1, 103.	0.1	21
49	FAST Sequence Mining Based on Sparse Id-Lists. Lecture Notes in Computer Science, 2011, , 316-325.	1.0	21
50	Leveraging temporal autocorrelation of historical data for improving accuracy in network regression. Statistical Analysis and Data Mining, 2017, 10, 40-53.	1.4	20
51	RELATIONAL DATA MINING AND ILP FOR DOCUMENT IMAGE UNDERSTANDING. Applied Artificial Intelligence, 2007, 21, 317-342.	2.0	19
52	A relational approach to probabilistic classification in a transductive setting. Engineering Applications of Artificial Intelligence, 2009, 22, 109-116.	4.3	19
53	Exploiting the Auto-Encoder Residual Error for Intrusion Detection. , 2019, , .		19
54	Predictive Process Mining Meets Computer Vision. Lecture Notes in Business Information Processing, 2020, , 176-192.	0.8	19

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55	Leveraging the power of local spatial autocorrelation in geophysical interpolative clustering. Data Mining and Knowledge Discovery, 2014, 28, 1266-1313.	2.4	18
56	Big Data Research in Italy: A Perspective. Engineering, 2016, 2, 163-170.	3.2	18
57	Collective regression for handling autocorrelation of network data in a transductive setting. Journal of Intelligent Information Systems, 2016, 46, 447-472.	2.8	17
58	Discovering Emerging Patterns in Spatial Databases: A Multi-relational Approach. Lecture Notes in Computer Science, 2007, , 390-397.	1.0	17
59	ROULETTE: A neural attention multi-output model for explainable Network Intrusion Detection. Expert Systems With Applications, 2022, 201, 117144.	4.4	17
60	Relational mining for discovering changes in evolving networks. Neurocomputing, 2015, 150, 265-288.	3.5	16
61	ORANGE: Outcome-Oriented Predictive Process Monitoring Based on Image Encoding and CNNs. IEEE Access, 2020, 8, 184073-184086.	2.6	15
62	Machine Learning for Reading Order Detection in Document Image Understanding. Studies in Computational Intelligence, 2008, , 45-69.	0.7	15
63	Process Mining to Forecast the Future of Running Cases. Lecture Notes in Computer Science, 2014, , 67-81.	1.0	14
64	Transductive hyperspectral image classification: toward integrating spectral and relational features via an iterative ensemble system. Machine Learning, 2016, 103, 343-375.	3.4	14
65	Mining Model Trees from Spatial Data. Lecture Notes in Computer Science, 2005, , 169-180.	1.0	14
66	Machine learning methods for automatically processing historical documents: from paper acquisition to XML transformation. , 0, , .		13
67	Mining and Filtering Multi-level Spatial Association Rules with ARES. Lecture Notes in Computer Science, 2005, , 342-353.	1.0	13
68	Discovering Relational Emerging Patterns. Lecture Notes in Computer Science, 2007, , 206-217.	1.0	13
69	Summarization for Geographically Distributed Data Streams. Lecture Notes in Computer Science, 2010, , 339-348.	1.0	13
70	Global and Local Spatial Autocorrelation in Predictive Clustering Trees. Lecture Notes in Computer Science, 2011, , 307-322.	1.0	13
71	Unexpected results in automatic list extraction on the web. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2011, 12, 26-30.	3.2	13
72	Machine learning for map interpretation: An intelligent tool for environmental planning. Applied Artificial Intelligence, 1997, 11, 673-696.	2.0	12

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73	Locally finite, proper and complete operators for refining Datalog programs. Lecture Notes in Computer Science, 1996, , 468-478.	1.0	12
74	Mining Model Trees: A Multi-relational Approach. Lecture Notes in Computer Science, 2003, , 4-21.	1.0	11
75	HyLiEn. , 2011, , .		11
76	Big Data Techniques For Supporting Accurate Predictions of Energy Production From Renewable Sources. , 2014, , .		11
77	An OWL Ontology for Supporting Semantic Services in Big Data Platforms. , 2018, , .		11
78	Machine learning for information extraction from topographic maps. , 0, , 291-314.		11
79	Machine learning + on-line libraries = IDL. Lecture Notes in Computer Science, 1997, , 195-214.	1.0	10
80	Automated discovery of dependencies between logical components in document image understanding. , 0, , .		10
81	Discovering Evolution Chains in Dynamic Networks. Lecture Notes in Computer Science, 2013, , 185-199.	1.0	10
82	Leveraging Shallow Machine Learning to Predict Business Process Behavior. , 2019, , .		10
83	Extracting General Lists from Web Documents: A Hybrid Approach. Lecture Notes in Computer Science, 2011, , 285-294.	1.0	10
84	Ideal refinement of Datalog programs. Lecture Notes in Computer Science, 1996, , 120-136.	1.0	10
85	Machine learning in computer vision. Applied Artificial Intelligence, 2001, 15, 693-705.	2.0	9
86	Correcting the document layout: a machine learning approach. , 0, , .		9
87	Learning the Daily Model of Network Traffic. Lecture Notes in Computer Science, 2005, , 131-141.	1.0	9
88	Computational annotation of UTR cis-regulatory modules through Frequent Pattern Mining. BMC Bioinformatics, 2009, 10, S25.	1.2	9
89	Toward Geographic Information Harvesting: Extraction of Spatial Relational Facts from Web Documents. , 2012, , .		9
90	Leveraging correlation across space and time to interpolate geophysical data via CoKriging. International Journal of Geographical Information Science, 2018, 32, 191-212.	2.2	9

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91	Identifying lncRNA-Disease Relationships via Heterogeneous Clustering. Lecture Notes in Computer Science, 2018, , 35-48.	1.0	9
92	Mining microscopic and macroscopic changes in network data streams. Knowledge-Based Systems, 2018, 161, 294-312.	4.0	9
93	Emerging Pattern Based Classification in Relational Data Mining. Lecture Notes in Computer Science, 2008, , 283-296.	1.0	9
94	Novelty Detection from Evolving Complex Data Streams with Time Windows. Lecture Notes in Computer Science, 2009, , 563-572.	1.0	9
95	A Data Mining Approach to Reading Order Detection. Proc Int Conf Doc Anal Recognit, 2007, , .	0.0	8
96	Detecting salient regions in a bi-temporal hyperspectral scene by iterating clustering and classification. Applied Intelligence, 2020, 50, 3179-3200.	3.3	8
97	Handling continuous data in top-down induction of first-order rules. Lecture Notes in Computer Science, 1997, , 24-35.	1.0	8
98	Enhancing Regression Models with Spatio-temporal Indicator Additions. Lecture Notes in Computer Science, 2013, , 433-444.	1.0	8
99	An Intelligent Technique for Forecasting Spatially Correlated Time Series. Lecture Notes in Computer Science, 2013, , 457-468.	1.0	8
100	Spatial Associative Classification at Different Levels of Granularity: A Probabilistic Approach. Lecture Notes in Computer Science, 2004, , 99-111.	1.0	8
101	A Data Mining Query Language for Knowledge Discovery in a Geographical Information System. Lecture Notes in Computer Science, 2004, , 95-116.	1.0	7
102	Distributed Learning of Process Models for Next Activity Prediction. , 2018, , .		7
103	Condensed representations of changes in dynamic graphs through emerging subgraph mining. Engineering Applications of Artificial Intelligence, 2020, 94, 103830.	4.3	7
104	Integrating Cluster Analysis to the ARIMA Model for Forecasting Geosensor Data. Lecture Notes in Computer Science, 2014, , 234-243.	1.0	7
105	Avoiding non-termination when learning logic programs: A case study with FOIL and FOCL. Lecture Notes in Computer Science, 1994, , 183-198.	1.0	7
106	Traps and pitfalls when learning logical definitions from relations. Lecture Notes in Computer Science, 1994, , 376-385.	1.0	7
107	Revision of logical theories. Lecture Notes in Computer Science, 1995, , 365-376.	1.0	7
108	Mining official data. Intelligent Data Analysis, 2003, 7, 497-500.	0.4	6

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109	Trend cluster based compression of geographically distributed data streams. , 2011, , .		6
110	Growing parallel paths for entity-page discovery. , 2011, , .		6
111	Innovative power operating center management exploiting big data techniques. , 2014, , .		6
112	Trustworthiness of Context-Aware Urban Pollution Data in Mobile Crowd Sensing. IEEE Access, 2019, 7, 154141-154156.	2.6	6
113	Improving Cyber-Threat Detection byÂMoving the Boundary Around theÂNormal Samples. Studies in Computational Intelligence, 2021, , 105-127.	0.7	6
114	Discovering Emerging Patterns for Anomaly Detection in Network Connection Data. , 2008, , 179-188.		6
115	An Integrated Approach for Automatic Semantic Structure Extraction in Document Images. Lecture Notes in Computer Science, 2004, , 179-190.	1.0	5
116	A parallel algorithm for approximate frequent itemset mining using MapReduce. , 2014, , .		5
117	Discovering and Tracking Organizational Structures in Event Logs. Lecture Notes in Computer Science, 2016, , 46-60.	1.0	5
118	Saliency Detection for Hyperspectral Images via Sparse-Non Negative-Matrix-Factorization and novel Distance Measures*. , 2020, , .		5
119	Adaptive Layout Analysis of Document Images. Lecture Notes in Computer Science, 2002, , 526-534.	1.0	5
120	Automatic Extraction of Logical Web Lists. Lecture Notes in Computer Science, 2014, , 365-374.	1.0	5
121	Comparing Simplification Methods for Model Trees with Regression and Splitting Nodes. Lecture Notes in Computer Science, 2003, , 49-56.	1.0	5
122	Learning Recursive Patterns for Biomedical Information Extraction. Lecture Notes in Computer Science, 2006, , 79-93.	1.0	5
123	An Iterative Learning Algorithm for Within-Network Regression in the Transductive Setting. Lecture Notes in Computer Science, 2009, , 36-50.	1.0	5
124	An Intelligent System for Real Time Fault Detection in PV Plants. Smart Innovation, Systems and Technologies, 2012, , 235-244.	0.5	5
125	Integrating Trend Clusters for Spatio-temporal Interpolation of Missing Sensor Data. Lecture Notes in Computer Science, 2012, , 203-220.	1.0	5
126	Transductive Relational Classification in the Co-training Paradigm. Lecture Notes in Computer Science, 2012, , 11-25.	1.0	5

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127	Leveraging Grad-CAM to Improve the Accuracy of Network Intrusion Detection Systems. Lecture Notes in Computer Science, 2021, , 385-400.	1.0	5
128	Induction of Recursive Theories in the Normal ILP Setting: Issues and Solutions. Lecture Notes in Computer Science, 2000, , 93-111.	1.0	5
129	Using trend clusters for spatiotemporal interpolation of missing data in a sensor network. Journal of Spatial Information Science, 2013, , .	1.1	5
130	Hierarchical Multidimensional Classification of Web Documents with MultiWebClass. Lecture Notes in Computer Science, 2015, , 236-250.	1.0	5
131	An Integrated Platform for Spatial Data Mining within a GIS Environment. , 2007, , .		4
132	Mapping web pages to database records via link paths. , 2010, , .		4
133	Leveraging autoencoders in change vector analysis of optical satellite images. Journal of Intelligent Information Systems, 2022, 58, 433-452.	2.8	4
134	Mining HTML Pages to Support Document Sharing in a Cooperative System. Lecture Notes in Computer Science, 2002, , 420-434.	1.0	4
135	Negation as a specializing operator. Lecture Notes in Computer Science, 1993, , 166-177.	1.0	4
136	Processing paper documents with WISDOM. Lecture Notes in Computer Science, 1997, , 439-442.	1.0	4
137	Knowledge revision for document understanding. Lecture Notes in Computer Science, 1997, , 619-628.	1.0	4
138	Saliency Detection in Hyperspectral Images Using Autoencoder-Based Data Reconstruction. Lecture Notes in Computer Science, 2020, , 161-170.	1.0	4
139	On the Effect of Caching in Recursive Theory Learning. Lecture Notes in Computer Science, 2004, , 44-62.	1.0	4
140	Bridging the Gap between Horn Clausal Logic and Description Logics in Inductive Learning. Lecture Notes in Computer Science, 2003, , 53-64.	1.0	4
141	Learning and Transferring Geographically Weighted Regression Trees across Time. Lecture Notes in Computer Science, 2012, , 97-117.	1.0	4
142	Transductive Learning for Spatial Data Classification. Studies in Computational Intelligence, 2010, , 189-207.	0.7	4
143	Discovering causal rules in relational databases. Applied Artificial Intelligence, 1997, 11, 71-84.	2.0	3
144	Geographic Knowledge Discovery in INGENS: An Inductive Database Perspective. , 2008, , .		3

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145	Transductive learning for spatial regression with co-training. , 2010, , .		3
146	Anomaly detection in aerospace product manufacturing: Initial remarks. , 2016, , .		3
147	Big Data Analytics and Predictive Modeling Approaches for the Energy Sector. , 2019, , .		3
148	Generating Logic Descriptions for the Automated Interpretation of Topographic Maps. Lecture Notes in Computer Science, 2002, , 200-210.	1.0	3
149	User-Emotion Detection Through Sentence-Based Classification Using Deep Learning: A Case-Study with Microblogs in Albanian. Lecture Notes in Computer Science, 2018, , 258-267.	1.0	3
150	A Temporal Data Mining Framework for Analyzing Longitudinal Data. Lecture Notes in Computer Science, 2011, , 97-106.	1.0	3
151	Online and Offline Trend Cluster Discovery in Spatially Distributed Data Streams. Lecture Notes in Computer Science, 2011, , 142-161.	1.0	3
152	Trend Cluster Based Kriging Interpolation in Sensor Data Networks. Lecture Notes in Computer Science, 2012, , 118-137.	1.0	3
153	Active learning via collective inference in network regression problems. Information Sciences, 2018, 460-461, 293-317.	4.0	3
154	A Network Intrusion Detection System for Concept Drifting Network Traffic Data. Lecture Notes in Computer Science, 2021, , 111-121.	1.0	3
155	FOX: a neuro-Fuzzy model for process Outcome prediction and eXplanation. , 2021, , .		3
156	A Machine Learning Approach to Web Mining. Lecture Notes in Computer Science, 2000, , 190-201.	1.0	3
157	A Data Mining Methodology for Anomaly Detection in Network Data. Lecture Notes in Computer Science, 2007, , 109-116.	1.0	3
158	An Unsupervised Framework for Topological Relations Extraction from Geographic Documents. Lecture Notes in Computer Science, 2012, , 48-55.	1.0	3
159	Inductive learning from numerical and symbolic data: An integrated framework. Intelligent Data Analysis, 2001, 5, 445-461.	0.4	2
160	XML and Knowledge Technologies for Semantic-Based Indexing of Paper Documents. Lecture Notes in Computer Science, 2003, , 256-265.	1.0	2
161	Relational learning techniques for document image understanding: comparing statistical and logical approaches. , 2005, , .		2
162	Mining Information Extraction Models for HmtDB annotation. , 2006, , .		2

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163	Using colour information to understand censorship cards of film archives. International Journal on Document Analysis and Recognition, 2007, 9, 281-297.	2.7	2
164	Complex objects ranking. , 2010, , .		2
165	Trend cluster based interpolation everywhere in a sensor network. , 2012, , .		2
166	Guest editorsâ€™ introduction: special issue of selected papers from ECML PKDD 2011. Machine Learning, 2012, 89, 1-3.	3.4	2
167	Mining Periodic Changes in Complex Dynamic Data Through Relational Pattern Discovery. Lecture Notes in Computer Science, 2016, , 76-90.	1.0	2
168	Relational Data Mining in the Era of Big Data. Studies in Big Data, 2018, , 323-339.	0.8	2
169	Discovering Variability Patterns for Change Detection in Complex Phenotype Data. Lecture Notes in Computer Science, 2015, , 9-18.	1.0	2
170	Approximate Frequent Itemset Discovery from Data Stream. Lecture Notes in Computer Science, 2009, , 151-160.	1.0	2
171	Learning Hierarchical Multi-label Classification Trees from Network Data. Lecture Notes in Computer Science, 2013, , 233-248.	1.0	2
172	IDL: A prototypical intelligent digital library service. Lecture Notes in Computer Science, 1997, , 447-450.	1.0	2
173	Symbolic Learning Techniques in Paper Document Processing. Lecture Notes in Computer Science, 1999, , 159-173.	1.0	2
174	Analyzing Microblogging Posts for Tracking Collective Emotional Trajectories. Lecture Notes in Computer Science, 2018, , 123-135.	1.0	2
175	Semantic Support for Model Based Big Data Analytics-as-a-Service (MBDAaaS). Advances in Intelligent Systems and Computing, 2019, , 1012-1021.	0.5	2
176	A Grid-Based Multi-relational Approach to Process Mining. Lecture Notes in Computer Science, 2008, , 701-709.	1.0	2
177	Machine learning for intelligent document processing: The WISDOM system. Lecture Notes in Computer Science, 1999, , 103-113.	1.0	1
178	Automated Classification of Web Documents into a Hierarchy of Categories. , 2003, , 59-68.		1
179	A color-based layout analysis to process censorship cards of film archives. , 2005, , .		1
180	Dissimilarity and Matching. , 0, , 121-148.		1

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181	A KDD Platform Based on the Application Service Provider Paradigm. , 2008, , .		1
182	Multi-Relational Model Tree Induction Tightly-Coupled with a Relational Database. Fundamenta Informaticae, 2014, 129, 193-224.	0.3	1
183	Sensor Networks and Data Streams: Basics. SpringerBriefs in Computer Science, 2014, , 1-8.	0.2	1
184	Missing Sensor Data Interpolation. SpringerBriefs in Computer Science, 2014, , 49-71.	0.2	1
185	Discovering Novelty Patterns from the Ancient Christian Inscriptions of Rome. Journal on Computing and Cultural Heritage, 2015, 7, 1-21.	1.2	1
186	Automatic Generation of Sitemaps Based on Navigation Systems. Lecture Notes in Computer Science, 2016, , 216-223.	1.0	1
187	Mining Spatio-Temporal Patterns of Periodic Changes in Climate Data. Lecture Notes in Computer Science, 2017, , 198-212.	1.0	1
188	LOCANDA: Exploiting Causality in the Reconstruction of Gene Regulatory Networks. Lecture Notes in Computer Science, 2017, , 283-297.	1.0	1
189	jKarma: A highly-modular framework for pattern-based change detection on evolving data. Knowledge-Based Systems, 2020, 192, 105303.	4.0	1
190	Mining emotion-aware sequential rules at user-level from micro-blogs. Journal of Intelligent Information Systems, 2021, 57, 369.	2.8	1
191	Collective Inference for Handling Autocorrelation in Network Regression. Lecture Notes in Computer Science, 2014, , 542-547.	1.0	1
192	Stepwise Induction of Logistic Model Trees. , 2008, , 68-77.		1
193	Project D.A.M.A.: Document Acquisition, Management and Archiving. Communications in Computer and Information Science, 2011, , 115-118.	0.4	1
194	Network Reconstruction for the Identification of miRNA:mRNA Interaction Networks. Lecture Notes in Computer Science, 2014, , 508-511.	1.0	1
195	Relational Learning: Statistical Approach Versus Logical Approach in Document Image Understanding. Lecture Notes in Computer Science, 2005, , 418-429.	1.0	1
196	Relational Frequent Patterns Mining for Novelty Detection from Data Streams. Lecture Notes in Computer Science, 2009, , 427-439.	1.0	1
197	Transductive Learning of Logical Structures from Document Images. Studies in Computational Intelligence, 2011, , 121-142.	0.7	1
198	Mining Ranking Models from Dynamic Network Data. Lecture Notes in Computer Science, 2012, , 566-577.	1.0	1

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199	The integration of microRNA target data by biclustering techniques opens new roads for signaling networks analysis. EMBnet Journal, 2012, 18, 142.	0.2	1
200	Very Short-Term Wind Speed Forecasting Using Spatio-Temporal Lazy Learning. Lecture Notes in Computer Science, 2015, , 9-16.	1.0	1
201	Handling Multi-scale Data via Multi-target Learning for Wind Speed Forecasting. Lecture Notes in Computer Science, 2018, , 357-366.	1.0	1
202	Leveraging Machine Learning in IoT to Predict the Trustworthiness of Mobile Crowd Sensing Data. Lecture Notes in Computer Science, 2020, , 235-244.	1.0	1
203	Simplification Methods for Model Trees with Regression and Splitting Nodes. , 2003, , 20-34.		1
204	Siamese Networks withÂTransfer Learning forÂChange Detection inÂSentinel-2 Images. Lecture Notes in Computer Science, 2022, , 478-489.	1.0	1
205	Mining Relational Association Rules for Propositional Classification. Lecture Notes in Computer Science, 2005, , 522-534.	1.0	0
206	Exporting Symbolic Objects to Databases. , 0, , 61-66.		0
207	Discovering Triggering Events from Longitudinal Data. , 2008, , .		0
208	Leveraging the Power of Spatial Data Mining to Enhance the Applicability of GIS Technology. Chapman & Hall/CRC Data Mining and Knowledge Discovery Series, 2009, , 255-289.	0.2	0
209	Discovering process models through relational disjunctive patterns mining. , 2011, , .		0
210	Guest Editorsâ€™ Introduction: special issue of selected papers from ECML PKDD 2011. Data Mining and Knowledge Discovery, 2012, 25, 169-172.	2.4	0
211	Italian Machine Learning and Data Mining research: The last years. Intelligenza Artificiale, 2013, 7, 77-89.	1.0	0
212	An Empirical Evaluation of Sequential Pattern Mining Algorithms. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 615-626.	0.5	0
213	Training in a Virtual Learning Environment: A Process Mining Approach. , 2020, , .		0
214	Leveraging colour-based pseudo-labels to supervise saliency detection in hyperspectral image datasets. Journal of Intelligent Information Systems, 2021, 57, 423-446.	2.8	0
215	Symbolic Analysis to Learn Evolving CyberTraffic. Studies in Classification, Data Analysis, and Knowledge Organization, 2007, , 23-33.	0.1	0
216	Mining geospatial data in a transductive setting. WIT Transactions on Information and Communication Technologies, 2007, , .	0.0	0

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217	Grid-based data mining for market basket analysis in the retail sector. WIT Transactions on Information and Communication Technologies, 2007, , .	0.0	0
218	Discovering Spatio-Textual Association Rules in Document Images. , 2008, , 176-197.		0
219	A Temporal Data Mining Approach for Discovering Knowledge on the Changes of the Patientâ€™s Physiology. Lecture Notes in Computer Science, 2009, , 26-35.	1.0	0
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