

AlÃ-pio M Jorge

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

2,169
citations

430442

18
h-index

253896

43
g-index

113
all docs

113
docs citations

113
times ranked

1682
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensemble approaches for regression. <i>ACM Computing Surveys</i> , 2012, 45, 1-40.	16.1	464
2	YAKE! Keyword extraction from single documents using multiple local features. <i>Information Sciences</i> , 2020, 509, 257-289.	4.0	310
3	Survey of Temporal Information Retrieval and Related Applications. <i>ACM Computing Surveys</i> , 2015, 47, 1-41.	16.1	142
4	YAKE! Collection-Independent Automatic Keyword Extractor. <i>Lecture Notes in Computer Science</i> , 2018, , 806-810.	1.0	84
5	Design of an end-to-end method to extract information from tables. <i>International Journal on Document Analysis and Recognition</i> , 2006, 8, 144-171.	2.7	72
6	Classifying Heart Sounds Using Images of Motifs, MFCC and Temporal Features. <i>Journal of Medical Systems</i> , 2019, 43, 168.	2.2	63
7	A Text Feature Based Automatic Keyword Extraction Method for Single Documents. <i>Lecture Notes in Computer Science</i> , 2018, , 684-691.	1.0	62
8	Fast Incremental Matrix Factorization for Recommendation with Positive-Only Feedback. <i>Lecture Notes in Computer Science</i> , 2014, , 459-470.	1.0	60
9	Comparing state-of-the-art regression methods for long term travel time prediction. <i>Intelligent Data Analysis</i> , 2012, 16, 427-449.	0.4	50
10	Comparing Rule Measures for Predictive Association Rules. <i>Lecture Notes in Computer Science</i> , 2007, , 510-517.	1.0	43
11	Combining usage and content in an online recommendation system for music in the Long Tail. <i>International Journal of Multimedia Information Retrieval</i> , 2013, 2, 3-13.	3.6	38
12	Improving the accuracy of long-term travel time prediction using heterogeneous ensembles. <i>Neurocomputing</i> , 2015, 150, 428-439.	3.5	33
13	The CirCor DigiScope Dataset: From Murmur Detection to Murmur Classification. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 2524-2535.	3.9	31
14	Forgetting mechanisms for scalable collaborative filtering. <i>Journal of the Brazilian Computer Society</i> , 2012, 18, 271-282.	0.8	29
15	Dimensions as Virtual Items: Improving the predictive ability of top-N recommender systems. <i>Information Processing and Management</i> , 2013, 49, 698-720.	5.4	27
16	Forgetting methods for incremental matrix factorization in recommender systems. , 2015, , .		26
17	An overview on the exploitation of time in collaborative filtering. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2015, 5, 195-215.	4.6	23
18	Hierarchical Clustering for thematic browsing and summarization of large sets of Association Rules. , 2004, , .		21

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19	Distribution Rules with Numeric Attributes of Interest. Lecture Notes in Computer Science, 2006, , 247-258.	1.0	19
20	Mining Association Rules for Label Ranking. Lecture Notes in Computer Science, 2011, , 432-443.	1.0	19
21	A Multi-Agent Recommender System. Advances in Intelligent and Soft Computing, 2012, , 281-288.	0.2	18
22	Forgetting techniques for stream-based matrix factorization in recommender systems. Knowledge and Information Systems, 2018, 55, 275-304.	2.1	18
23	Classifying heart sounds using multiresolution time series motifs. , 2013, , .		17
24	Raman imaging studies on the adsorption of methylene blue species onto silver modified linen fibers. Journal of Raman Spectroscopy, 2017, 48, 795-802.	1.2	17
25	Interactive System for Automatically Generating Temporal Narratives. Lecture Notes in Computer Science, 2019, , 251-255.	1.0	16
26	Incremental Collaborative Filtering for Binary Ratings. , 2008, , .		15
27	Ensemble Learning: A Study on Different Variants of the Dynamic Selection Approach. Lecture Notes in Computer Science, 2009, , 191-205.	1.0	15
28	GTE. , 2012, , .		15
29	Identifying top relevant dates for implicit time sensitive queries. Information Retrieval, 2017, 20, 363-398.	1.6	15
30	An Experiment with Association Rules and Classification: Post-Bagging and Conviction. Lecture Notes in Computer Science, 2005, , 137-149.	1.0	14
31	Analysis and Forecast of Team Formation in the Simulated Robotic Soccer Domain. Lecture Notes in Computer Science, 2009, , 239-250.	1.0	14
32	GTE-Rank: A time-aware search engine to answer time-sensitive queries. Information Processing and Management, 2016, 52, 273-298.	5.4	13
33	Estimating time and score uncertainty in generating successful learning paths under time constraints. Expert Systems, 2019, 36, e12351.	2.9	13
34	Assessment of predictive learning methods for the completion of gaps in well log data. Journal of Petroleum Science and Engineering, 2018, 162, 873-886.	2.1	12
35	Item-Based and User-Based Incremental Collaborative Filtering for Web Recommendations. Lecture Notes in Computer Science, 2009, , 673-684.	1.0	12
36	Combining usage and content in an online music recommendation system for music in the long-tail. , 2012, , .		11

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37	Discovering a taste for the unusual: exceptional models for preference mining. Machine Learning, 2018, 107, 1775-1807.	3.4	11
38	Multi-interval Discretization of Continuous Attributes for Label Ranking. Lecture Notes in Computer Science, 2013, , 155-169.	1.0	11
39	Ensembles of jittered association rule classifiers. Data Mining and Knowledge Discovery, 2010, 21, 91-129.	2.4	10
40	Disambiguating Implicit Temporal Queries by Clustering Top Relevant Dates in Web Snippets. , 2012, , .		10
41	Classifying Heart Sounds Using Images of MFCC and Temporal Features. Lecture Notes in Computer Science, 2017, , 186-203.	1.0	10
42	Identifying topic relevant hashtags in Twitter streams. Information Sciences, 2019, 505, 65-83.	4.0	10
43	A Hybrid Recommender System for Improving Automatic Playlist Continuation. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	4.0	10
44	Hierarchical confidence-based active clustering. , 2012, , .		9
45	Collaborative filtering with recency-based negative feedback. , 2015, , .		9
46	Accelerating recommender systems using GPUs. , 2015, , .		9
47	Online bagging for recommender systems. Expert Systems, 2018, 35, e12303.	2.9	9
48	Post-processing Operators for Browsing Large Sets of Association Rules. Lecture Notes in Computer Science, 2002, , 414-421.	1.0	9
49	Personalization of E-newsletters Based on Web Log Analysis and Clustering. , 2006, , .		8
50	Enriching temporal query understanding through date identification. , 2012, , .		8
51	Classifying heart sounds using SAX motifs, random forests and text mining techniques. , 2014, , .		8
52	Preference rules for label ranking: Mining patterns in multi-target relations. Information Fusion, 2018, 40, 112-125.	11.7	8
53	The 2nd International Workshop on Narrative Extraction from Text: Text2Story 2019. Lecture Notes in Computer Science, 2019, , 389-393.	1.0	8
54	The 3 rd International Workshop on Narrative Extraction from Texts: Text2Story 2020. Lecture Notes in Computer Science, 2020, , 648-653.	1.0	8

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55	Automatic Selection of Table Areas in Documents for Information Extraction. Lecture Notes in Computer Science, 2003, , 460-465.	1.0	8
56	Statistically Robust Evaluation of Stream-Based Recommender Systems. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2971-2982.	4.0	7
57	TLS-Covid19: A New Annotated Corpus for Timeline Summarization. Lecture Notes in Computer Science, 2021, , 497-512.	1.0	7
58	Using statistics, visualization and data mining for monitoring the quality of meta-data in web portals. Information Systems and E-Business Management, 2013, 11, 569-595.	2.2	6
59	Scalable Online Top-N Recommender Systems. Lecture Notes in Business Information Processing, 2017, , 3-20.	0.8	6
60	Comparing relational and non-relational algorithms for clustering propositional data. , 2013, , .		5
61	The 4th International Workshop on Narrative Extraction from Texts: Text2Story 2021. Lecture Notes in Computer Science, 2021, , 701-704.	1.0	5
62	A Web-Based System to Monitor the Quality of Meta-Data in Web Portals. , 2006, , .		4
63	A Tool for Interactive Subgroup Discovery Using Distribution Rules. , 2007, , 426-436.		4
64	HCAC: Semi-supervised Hierarchical Clustering Using Confidence-Based Active Learning. Lecture Notes in Computer Science, 2012, , 139-153.	1.0	4
65	LMMS reloaded: Transformer-based sense embeddings for disambiguation and beyond. Artificial Intelligence, 2022, 305, 103661.	3.9	4
66	The 5th International Workshop on Narrative Extraction from Texts: Text2Story 2022. Lecture Notes in Computer Science, 2022, , 552-556.	1.0	4
67	The Impact of Contextual Information on the Accuracy of Existing Recommender Systems for Web Personalization. , 2008, , .		3
68	A study of machine learning methods for detecting user interest during web sessions. , 2014, , .		3
69	ORSUM Chairs' Welcome & Organization. , 2018, , .		3
70	Data science applications in oil and gas exploration: an in-depth perspective. Proceedings of Institution of Civil Engineers: Energy, 2019, 172, 122-133.	0.5	3
71	Integrity constraints in ILP using a Monte Carlo approach. Lecture Notes in Computer Science, 1997, , 229-244.	1.0	3
72	Visualization and Evaluation Support of Knowledge Discovery through the Predictive Model Markup Language. Lecture Notes in Computer Science, 2003, , 493-501.	1.0	3

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73	Finding Interesting Contexts for Explaining Deviations in Bus Trip Duration Using Distribution Rules. Lecture Notes in Computer Science, 2012, , 139-149.	1.0	3
74	ECIR 2018. ACM SIGIR Forum, 2018, 52, 150-152.	0.4	3
75	Web Mining for the Integration of Data Mining with Business Intelligence in Web-Based Decision Support Systems. Advances in Business Strategy and Competitive Advantage Book Series, 2015, , 120-142.	0.2	3
76	The Effect of Varying Parameters and Focusing on Bus Travel Time Prediction. Lecture Notes in Computer Science, 2009, , 689-696.	1.0	3
77	Factor Analysis to Support the Visualization and Interpretation of Clusters of Portal Users. , 2006, , .		2
78	D-Confidence: an active learning strategy to reduce label disclosure complexity in the presence of imbalanced class distributions. Journal of the Brazilian Computer Society, 2012, 18, 311-330.	0.8	2
79	Monitoring Recommender Systems: A Business Intelligence Approach. Lecture Notes in Computer Science, 2014, , 277-288.	1.0	2
80	Predicting Age of Onset in TTR-FAP Patients with Genealogical Features. , 2018, , .		2
81	Predictive Maintenance for Sensor Enhancement in Industry 4.0. Communications in Computer and Information Science, 2021, , 403-415.	0.4	2
82	Remote Collaborative Data Mining through Online Knowledge Sharing. IFIP Advances in Information and Communication Technology, 2002, , 497-504.	0.5	2
83	ECIR 2020 workshops. ACM SIGIR Forum, 2020, 54, 1-11.	0.4	2
84	Impact of Genealogical Features in Transthyretin Familial Amyloid Polyneuropathy Age of Onset Prediction. Advances in Intelligent Systems and Computing, 2019, , 35-42.	0.5	2
85	A Methodology for Exploring Association Models. Lecture Notes in Computer Science, 2008, , 46-59.	1.0	2
86	Tweet2Story: A Web App to Extract Narratives from Twitter. Lecture Notes in Computer Science, 2022, , 270-275.	1.0	2
87	Heart sounds classification using motif based segmentation. , 2014, , .		1
88	Online Gradient Boosting for Incremental Recommender Systems. Lecture Notes in Computer Science, 2018, , 209-223.	1.0	1
89	ORSUM 2019 2nd workshop on online recommender systems and user modeling. , 2019, , .		1
90	Time-Matters: Temporal Unfolding of Texts. Lecture Notes in Computer Science, 2021, , 492-497.	1.0	1

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91	Partially Monotonic Learning for Neural Networks. Lecture Notes in Computer Science, 2021, , 12-23.	1.0	1
92	Iterative Reordering of Rules for Building Ensembles Without Relearning. , 2007, , 56-67.		1
93	Combining Rule-Based and Case-Based Learning for Iterative Part-of-Speech Tagging. Lecture Notes in Computer Science, 2000, , 26-36.	1.0	1
94	Incremental Approach for Automatic Generation of Domain-Specific Sentiment Lexicon. Lecture Notes in Computer Science, 2020, , 619-623.	1.0	1
95	Optimal leverage association rules with numerical interval conditions. Intelligent Data Analysis, 2012, 16, 25-47.	0.4	0
96	Binary recommender systems. , 2013, , .		0
97	Guest Editors introduction: special issue of the ECMLPKDD 2015 journal track. Machine Learning, 2015, 100, 157-159.	3.4	0
98	Guest editors introduction: special issue of the ECMLPKDD 2015 journal track. Data Mining and Knowledge Discovery, 2015, 29, 1113-1115.	2.4	0
99	Can Metalearning Be Applied to Transfer on Heterogeneous Datasets?. Lecture Notes in Computer Science, 2016, , 332-343.	1.0	0
100	Improving Incremental Recommenders with Online Bagging. Lecture Notes in Computer Science, 2017, , 597-607.	1.0	0
101	The Use of Ada, GNAT.Spitbol, and XML in the Sol-Eu-Net Project. Lecture Notes in Computer Science, 2003, , 196-207.	1.0	0
102	Extreme Adaptivity. Lecture Notes in Computer Science, 2004, , 348-352.	1.0	0
103	Efficient Coverage of Case Space with Active Learning. Lecture Notes in Computer Science, 2009, , 411-422.	1.0	0
104	Using Metalearning for Parameter Tuning in Neural Networks. Lecture Notes in Computational Vision and Biomechanics, 2018, , 1081-1090.	0.5	0
105	Quantitative Evaluation of Clusterings for Marketing Applications: A Web Portal Case Study. , 2007, , 437-448.		0
106	A Knowledge Discovery Method for the Characterization of Protein Unfolding Processes. Advances in Soft Computing, 0, , 180-188.	0.4	0