

Leonardo Rocha

List of Publications by Year in descending order

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papers

991
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758635

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g-index

93
all docs

93
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93
times ranked

793
citing authors

#	ARTICLE	IF	CITATIONS
1	G-DBSCAN: A GPU Accelerated Algorithm for Density-based Clustering. <i>Procedia Computer Science</i> , 2013, 18, 369-378.	1.2	106
2	Word co-occurrence features for text classification. <i>Information Systems</i> , 2011, 36, 843-858.	2.4	85
3	A Genetic Programming approach for feature selection in highly dimensional skewed data. <i>Neurocomputing</i> , 2018, 273, 554-569.	3.5	63
4	Partial discharge signal denoising with spatially adaptive wavelet thresholding and support vector machines. <i>Electric Power Systems Research</i> , 2011, 81, 644-659.	2.1	59
5	A Framework for Migrating Relational Datasets to NoSQL 1. <i>Procedia Computer Science</i> , 2015, 51, 2593-2602.	1.2	50
6	Improving random forests by neighborhood projection for effective text classification. <i>Information Systems</i> , 2018, 77, 1-21.	2.4	46
7	CluWords. , 2019, , .		39
8	A Feature-Oriented Sentiment Rating for Mobile App Reviews. , 2018, , .		34
9	On the cost-effectiveness of neural and non-neural approaches and representations for text classification: A comprehensive comparative study. <i>Information Processing and Management</i> , 2021, 58, 102481.	5.4	34
10	The Pure Cold-Start Problem: A deep study about how to conquer first-time users in recommendations domains. <i>Information Systems</i> , 2019, 80, 1-12.	2.4	32
11	Understanding temporal aspects in document classification. , 2008, , .		24
12	Extended pre-processing pipeline for text classification: On the role of meta-feature representations, sparsification and selective sampling. <i>Information Processing and Management</i> , 2020, 57, 102263.	5.4	24
13	Temporally-aware algorithms for document classification. , 2010, , .		21
14	A characterization of broadband user behavior and their e-business activities. <i>Performance Evaluation Review</i> , 2004, 32, 3-13.	0.4	21
15	A Survey on Point-of-Interest Recommendation in Location-based Social Networks. , 2020, , .		20
16	Exploiting temporal contexts in text classification. , 2008, , .		17
17	CluHTM - Semantic Hierarchical Topic Modeling based on CluWords. , 2020, , .		16
18	Points of Interest recommendations: Methods, evaluation, and future directions. <i>Information Systems</i> , 2021, 101, 101789.	2.4	15

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19	Multi-Armed Bandits in Recommendation Systems: A survey of the state-of-the-art and future directions. <i>Expert Systems With Applications</i> , 2022, 197, 116669.	4.4	15
20	SACI: Sentiment analysis by collective inspection on social media content. <i>Web Semantics</i> , 2015, 34, 27-39.	2.2	12
21	Aggressive and effective feature selection using genetic programming. , 2012, , .		11
22	GPU-NB: A Fast CUDA-Based Implementation of Naïve Bayes. , 2013, , .		11
23	A Two-Stage Machine learning approach for temporally-robust text classification. <i>Information Systems</i> , 2017, 69, 40-58.	2.4	11
24	Exploiting semantic relationships for unsupervised expansion of sentiment lexicons. <i>Information Systems</i> , 2020, 94, 101606.	2.4	11
25	Quantifying Complementarity among Strategies for Influencers'™ Detection on Twitter 1. <i>Procedia Computer Science</i> , 2015, 51, 2435-2444.	1.2	10
26	Semantically-Enhanced Topic Modeling. , 2018, , .		10
27	BROOF. , 2015, , .		10
28	On Efficient Meta-Level Features for Effective Text Classification. , 2014, , .		9
29	Effective and diverse POI recommendations through complementary diversification models. <i>Expert Systems With Applications</i> , 2021, 175, 114775.	4.4	9
30	Hierarchical Density-Based Clustering Based on GPU Accelerated Data Indexing Strategy. <i>Procedia Computer Science</i> , 2016, 80, 951-961.	1.2	8
31	A quantitative analysis of the temporal effects on automatic text classification. <i>Journal of the Association for Information Science and Technology</i> , 2016, 67, 1639-1667.	1.5	8
32	Exploiting efficient and effective lazy Semi-Bayesian strategies for text classification. <i>Neurocomputing</i> , 2018, 307, 153-171.	3.5	8
33	Parallel Lazy Semi-Naive Bayes Strategies for Effective and Efficient Document Classification. , 2015, , .		7
34	Balancing the trade-off between accuracy and diversity in recommender systems with personalized explanations based on Linked Open Data. <i>Knowledge-Based Systems</i> , 2022, 252, 109333.	4.0	7
35	Temporal contexts: Effective text classification in evolving document collections. <i>Information Systems</i> , 2013, 38, 388-409.	2.4	6
36	Exploiting non-content preference attributes through hybrid recommendation method. , 2013, , .		6

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37	High Strength Steel as a Solution for the Lean Design of Industrial Buildings. Journal of Materials Research and Technology, 2012, 1, 35-41.	2.6	5
38	Efficient Execution of Microscopy Image Analysis on CPU, GPU, and MIC Equipped Cluster Systems. , 2014, 2014, 89-96.		5
39	G-KNN. , 2015, , .		5
40	ParallelME: A Parallel Mobile Engine to Explore Heterogeneity in Mobile Computing Architectures. Lecture Notes in Computer Science, 2016, , 447-459.	1.0	5
41	Devising a computational model based on data mining techniques to predict concrete compressive strength. Procedia Computer Science, 2017, 108, 455-464.	1.2	5
42	Please please me. , 2018, , .		5
43	A characterization methodology for candidates and recruiters interaction in online recruitment services. , 2019, , .		5
44	Geographic-categorical diversification in POI recommendations. , 2019, , .		5
45	iRec: An Interactive Recommendation Framework. , 2022, , .		5
46	A bias-variance analysis of state-of-the-art random forest text classifiers. Advances in Data Analysis and Classification, 2021, 15, 379-405.	0.9	4
47	The impact of first recommendations based on exploration or exploitation approaches in recommender systems' learning. , 2020, , .		4
48	A reproducible POI recommendation framework: Works mapping and benchmark evaluation. Information Systems, 2022, 108, 102019.	2.4	4
49	Semantic Academic Profiler (SAP): a framework for researcher assessment based on semantic topic modeling. Scientometrics, 2022, 127, 5005-5026.	1.6	4
50	LEGi. , 2014, , .		3
51	What surprises does your past have for you?. Information Systems, 2017, 71, 137-151.	2.4	3
52	The Backbone Packet Radio Network coloring for Time Division Multiple Access link scheduling in Wireless Multihop Networks. Networks, 2018, 71, 403-411.	1.6	3
53	Combining Data Mining Techniques to Enhance Cardiac Arrhythmia Detection. Lecture Notes in Computer Science, 2018, , 321-333.	1.0	3
54	Connecting Opinions to Opinion-Leaders: A Case Study on Brazilian Political Protests. , 2016, , .		3

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55	"Keep it Simple, Lazy" – MetaLazy: A New MetaStrategy for Lazy Text Classification. , 2020, , .		3
56	Reactivity based model to study online auctions dynamics. Information Technology and Management, 2009, 10, 21.	1.4	2
57	Evaluating Different Strategies to Mitigate the Ramp-up Problem in Recommendation Domains. , 2017, , .		2
58	Exploring Heterogeneous Mobile Architectures with a High-Level Programming Model. , 2017, , .		2
59	Understanding Users-Contents Interaction in Non-Linear Multimedia Streaming Services. , 2018, , .		2
60	Exploiting the user activity-level to improve the models' accuracy in point-of-interest recommender systems. , 2019, , .		2
61	Efficient Parallel Associative Classification Based on Rules Memoization. Lecture Notes in Computer Science, 2019, , 31-44.	1.0	2
62	ARKLib: An Augmented Reality Library for Applications using Kinect. , 2019, , .		2
63	An Article-Oriented Framework for Automatic Semantic Analysis of COVID-19 Researches. Lecture Notes in Computer Science, 2021, , 172-187.	1.0	2
64	The matching scarcity problem: When recommenders do not connect the edges in recruitment services. Expert Systems With Applications, 2021, 175, 114764.	4.4	2
65	A contextual approach to improve the user's experience in interactive recommendation systems. , 2021, , .		2
66	A framework for unexpectedness evaluation in recommendation. , 2017, , .		2
67	Exploiting contexts to deal with uncertainty in classification. , 2009, , .		1
68	Efficient dynamic scheduling of heterogeneous applications in hybrid architectures. , 2014, , .		1
69	D-STHARk : Evaluating Dynamic Scheduling of Tasks in Hybrid Simulated Architectures 1. Procedia Computer Science, 2016, 80, 428-438.	1.2	1
70	NetClass: A network-based relational model for document classification. Information Sciences, 2018, 469, 60-78.	4.0	1
71	Evaluating Dynamic Scheduling of Tasks in Mobile Architectures Using ParallelME Framework. Lecture Notes in Computer Science, 2018, , 744-751.	1.0	1
72	A Particle Swarm approach to mitigate the apparent diversity-accuracy dilemma in recommendation domains in recommendation domains. , 2019, , .		1

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73	Combining Data Mining Techniques for Evolutionary Analysis of Programming Languages. , 2019, , .		1
74	Quantifying the Impact of Information Aggregation on Complex Networks: A Temporal Perspective. Lecture Notes in Computer Science, 2009, , 50-61.	1.0	1
75	A Strategy to Workload Division for Massively Particle-Particle N-body Simulations on GPUs. Lecture Notes in Computer Science, 2014, , 455-465.	1.0	1
76	Creating an Academic Conversational Agent for Dynamic Information Retrieval. , 2020, , .		1
77	Mitigating Matching Scarcity in Recruitment Recommendation Domains. , 2020, , .		1
78	Combining complementary diversification models for personalized POI recommendations. , 2020, , .		1
79	ReBase: data acquisition and management system for neuromotor rehabilitation supported by virtual and augmented reality. , 2021, , .		1
80	Classification of Human Movements with Motion Capture Data in a Motor Rehabilitation Context. , 2021, , .		1
81	C-Libras: A Gesture Recognition App for the Brazilian Sign Language. Lecture Notes in Computer Science, 2022, , 603-618.	1.0	1
82	Caracterizando desafios de intera�o com sistemas de minera�o de regras de associa�o. , 2006, , .		0
83	Reactivity in Online Auctions: Understanding Bidding Behavior through Reactive Transitions. , 2008, , .		0
84	SACI: Sentiment Analysis by Collective Inspection on Social Media Content. SSRN Electronic Journal, 2015, , .	0.4	0
85	A Framework for Direct and Transparent Data Exchange of Filter-stream Applications in Multi-GPUs Architectures. Procedia Computer Science, 2017, 108, 1642-1651.	1.2	0
86	Characterizing User Behavior and Items in Multimedia Streaming Services. , 2017, , .		0
87	FAiR: A Framework for Analyses and Evaluations on Recommender Systems. Lecture Notes in Computer Science, 2018, , 383-397.	1.0	0
88	How to Compose Product Pages to Enhance the New Users' Interest in the Item Catalog?. Lecture Notes in Computer Science, 2019, , 323-338.	1.0	0
89	Motion and Interaction Tracking Tool for Virtual Reality Environments. Lecture Notes in Computer Science, 2021, , 621-630.	1.0	0
90	A data exploratory methodology to understand the users' interactions in nonlinear web multimedia services. , 2019, , .		0

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91	An Evaluation of Low-Quality Content Detection Strategies: Which Attributes Are Still Relevant, Which Are Not?. Lecture Notes in Computer Science, 2020, , 572-585.	1.0	0
92	How to Improve the Recommendationâ€™s Accuracy in POI Domains?. Lecture Notes in Computer Science, 2020, , 557-571.	1.0	0
93	Combining Data Mining Techniques to Analyse Factors Associated with Allocation of Socioeconomic Resources at IFMG. , 0, , .		0