# Leonardo Rocha

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4747856/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 93 papers | 991 citations | 758635 12 h-index | 552369 26 g-index |
| 93 all docs | 93 docs citations | 93 times ranked | 793 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Multi-Armed Bandits in Recommendation Systems: A survey of the state-of-the-art and future directions. Expert Systems With Applications, 2022, 197, 116669. | 4.4 | 15 |
| 2 | A reproducible POI recommendation framework: Works mapping and benchmark evaluation. Information Systems, 2022, 108, 102019. | 2.4 | 4 |
| 3 | C-Libras: A Gesture Recognition App forÂtheÂBrazilian Sign Language. Lecture Notes in Computer Science, 2022, , 603-618. | 1.0 | 1 |
| 4 | iRec: An Interactive Recommendation Framework. , 2022, , . | | 5 |
| 5 | Semantic Academic Profiler (SAP): a framework for researcher assessment based on semantic topic modeling. Scientometrics, 2022, 127, 5005-5026. | 1.6 | 4 |
| 6 | Balancing the trade-off between accuracy and diversity in recommender systems with personalized explanations based on Linked Open Data. Knowledge-Based Systems, 2022, 252, 109333. | 4.0 | 7 |
| 7 | 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 |
| 8 | Motion and Interaction Tracking Tool for Virtual Reality Environments. Lecture Notes in Computer Science, 2021, , 621-630. | 1.0 | 0 |
| 9 | An Article-Oriented Framework for Automatic Semantic Analysis of COVID-19 Researches. Lecture Notes in Computer Science, 2021, , 172-187. | 1.0 | 2 |
| 10 | On the cost-effectiveness of neural and non-neural approaches and representations for text classification: A comprehensive comparative study. Information Processing and Management, 2021, 58, 102481. | 5.4 | 34 |
| 11 | The matching scarcity problem: When recommenders do not connect the edges in recruitment services. Expert Systems With Applications, 2021, 175, 114764. | 4.4 | 2 |
| 12 | Effective and diverse POI recommendations through complementary diversification models. Expert Systems With Applications, 2021, 175, 114775. | 4.4 | 9 |
| 13 | A contextual approach to improve the user's experience in interactive recommendation systems. , 2021, , . | | 2 |
| 14 | Points of Interest recommendations: Methods, evaluation, and future directions. Information Systems, 2021, 101, 101789. | 2.4 | 15 |
| 15 | ReBase: data acquisition and management system for neuromotor rehabilitation supported by virtual and augmented reality. , 2021, , . | | 1 |
| 16 | Classification of Human Movements with Motion Capture Data in a Motor Rehabilitation Context. , 2021, , . | | 1 |
| 17 | Exploiting semantic relationships for unsupervised expansion of sentiment lexicons. Information Systems, 2020, 94, 101606. | 2.4 | 11 |
| 18 | Extended pre-processing pipeline for text classification: On the role of meta-feature representations, sparsification and selective sampling. Information Processing and Management, 2020, 57, 102263. | 5.4 | 24 |

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|---|---|---|---|
| 19 | The impact of first recommendations based on exploration or exploitation approaches in recommender systems' learning. , 2020, , . | | 4 |
| 20 | CluHTM - Semantic Hierarchical Topic Modeling based on CluWords. , 2020, , . | | 16 |
| 21 | 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 |
| 22 | How to Improve the Recommendationâ€™s Accuracy in POI Domains?. Lecture Notes in Computer Science, 2020, , 557-571. | 1.0 | 0 |
| 23 | "Keep it Simple, Lazy" -- MetaLazy: A New MetaStrategy for Lazy Text Classification. , 2020, , . | | 3 |
| 24 | Creating an Academic Conversational Agent for DynamicÂInformationÂRetrieval. , 2020, , . | | 1 |
| 25 | Mitigating Matching Scarcity in Recruitment Recommendation Domains. , 2020, , . | | 1 |
| 26 | A Survey on Point-of-Interest Recommendation in Location-based Social Networks. , 2020, , . | | 20 |
| 27 | Combining complementary diversification models for personalized POI recommendations. , 2020, , . | | 1 |
| 28 | A Particle Swarm approach to mitigate the apparent diversity-accuracy dilemma in recommendation domains in recommendation domains. , 2019, , . | | 1 |
| 29 | Exploiting the user activity-level to improve the models' accuracy in point-of-interest recommender systems. , 2019, , . | | 2 |
| 30 | A characterization methodology for candidates and recruiters interaction in online recruitment services. , 2019, , . | | 5 |
| 31 | Combining Data Mining Techniques for Evolutionary Analysis of Programming Languages. , 2019, , . | | 1 |
| 32 | CluWords. , 2019, , . | | 39 |
| 33 | Efficient Parallel Associative Classification Based on Rules Memoization. Lecture Notes in Computer Science, 2019, , 31-44. | 1.0 | 2 |
| 34 | How to Compose Product Pages to Enhance the New Usersâ€™ Interest in the Item Catalog?. Lecture Notes in Computer Science, 2019, , 323-338. | 1.0 | 0 |
| 35 | ARKLib: An Augmented Reality Library for Applications using Kinect. , 2019, , . | | 2 |
| 36 | The Pure Cold-Start Problem: A deep study about how to conquer first-time users in recommendations domains. Information Systems, 2019, 80, 1-12. | 2.4 | 32 |

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|---|---|---|---|
| 37 | Geographic-categorical diversification in POI recommendations. , 2019, , . | | 5 |
| 38 | A data exploratory methodology to understand the users' interactions in nonlinear web multimedia services. , 2019, , . | | 0 |
| 39 | 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 |
| 40 | A Genetic Programming approach for feature selection in highly dimensional skewed data. Neurocomputing, 2018, 273, 554-569. | 3.5 | 63 |
| 41 | Please please me. , 2018, , . | | 5 |
| 42 | Understanding Users-Contents Interaction in Non-Linear Multimedia Streaming Services. , 2018, , . | | 2 |
| 43 | Semantically-Enhanced Topic Modeling. , 2018, , . | | 10 |
| 44 | Improving random forests by neighborhood projection for effective text classification. Information Systems, 2018, 77, 1-21. | 2.4 | 46 |
| 45 | FAiR: A Framework for Analyses and Evaluations on Recommender Systems. Lecture Notes in Computer Science, 2018, , 383-397. | 1.0 | 0 |
| 46 | Combining Data Mining Techniques to Enhance Cardiac Arrhythmia Detection. Lecture Notes in Computer Science, 2018, , 321-333. | 1.0 | 3 |
| 47 | A Feature-Oriented Sentiment Rating for Mobile App Reviews. , 2018, , . | | 34 |
| 48 | NetClass: A network-based relational model for document classification. Information Sciences, 2018, 469, 60-78. | 4.0 | 1 |
| 49 | Exploiting efficient and effective lazy Semi-Bayesian strategies for text classification. Neurocomputing, 2018, 307, 153-171. | 3.5 | 8 |
| 50 | Evaluating Dynamic Scheduling of Tasks in Mobile Architectures Using ParallelME Framework. Lecture Notes in Computer Science, 2018, , 744-751. | 1.0 | 1 |
| 51 | A Two-Stage Machine learning approach for temporally-robust text classification. Information Systems, 2017, 69, 40-58. | 2.4 | 11 |
| 52 | What surprises does your past have for you?. Information Systems, 2017, 71, 137-151. | 2.4 | 3 |
| 53 | Evaluating Different Strategies to Mitigate the Ramp-up Problem in Recommendation Domains. , 2017, , . | | 2 |
| 54 | Devising a computational model based on data mining techniques to predict concrete compressive strength. Procedia Computer Science, 2017, 108, 455-464. | 1.2 | 5 |

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|---|---|---|---|
| 55 | 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 |
| 56 | Characterizing User Behavior and Items in Multimedia Streaming Services. , 2017, , . | | 0 |
| 57 | Exploring Heterogeneous Mobile Architectures with a High-Level Programming Model. , 2017, , . | | 2 |
| 58 | A framework for unexpectedness evaluation in recommendation. , 2017, , . | | 2 |
| 59 | Hierarchical Density-Based Clustering Based on GPU Accelerated Data Indexing Strategy. Procedia Computer Science, 2016, 80, 951-961. | 1.2 | 8 |
| 60 | ParallelME: A Parallel Mobile Engine to Explore Heterogeneity in Mobile Computing Architectures. Lecture Notes in Computer Science, 2016, , 447-459. | 1.0 | 5 |
| 61 | D-STHARk : Evaluating Dynamic Scheduling of Tasks in Hybrid Simulated Architectures 1. Procedia Computer Science, 2016, 80, 428-438. | 1.2 | 1 |
| 62 | A quantitative analysis of the temporal effects on automatic text classification. Journal of the Association for Information Science and Technology, 2016, 67, 1639-1667. | 1.5 | 8 |
| 63 | Connecting Opinions to Opinion-Leaders: A Case Study on Brazilian Political Protests. , 2016, , . | | 3 |
| 64 | Quantifying Complementarity among Strategies for Influencersâ€™ Detection on Twitter 1. Procedia Computer Science, 2015, 51, 2435-2444. | 1.2 | 10 |
| 65 | SACI: Sentiment Analysis by Collective Inspection on Social Media Content. SSRN Electronic Journal, 2015, , . | 0.4 | 0 |
| 66 | G-KNN. , 2015, , . | | 5 |
| 67 | A Framework for Migrating Relational Datasets to NoSQL 1. Procedia Computer Science, 2015, 51, 2593-2602. | 1.2 | 50 |
| 68 | SACI: Sentiment analysis by collective inspection on social media content. Web Semantics, 2015, 34, 27-39. | 2.2 | 12 |
| 69 | BROOF. , 2015, , . | | 10 |
| 70 | Parallel Lazy Semi-Naive Bayes Strategies for Effective and Efficient Document Classification. , 2015, , . | | 7 |
| 71 | LEGi. , 2014, , . | | 3 |
| 72 | Efficient dynamic scheduling of heterogeneous applications in hybrid architectures. , 2014, , . | | 1 |

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|---|---|---|---|
| 73 | Efficient Execution of Microscopy Image Analysis on CPU, GPU, and MIC Equipped Cluster Systems. , 2014, 2014, 89-96. | | 5 |
| 74 | On Efficient Meta-Level Features for Effective Text Classification. , 2014, , . | | 9 |
| 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 | G-DBSCAN: A GPU Accelerated Algorithm for Density-based Clustering. Procedia Computer Science, 2013, 18, 369-378. | 1.2 | 106 |
| 77 | GPU-NB: A Fast CUDA-Based Implementation of Naïve Bayes. , 2013, , . | | 11 |
| 78 | Temporal contexts: Effective text classification in evolving document collections. Information Systems, 2013, 38, 388-409. | 2.4 | 6 |
| 79 | Exploiting non-content preference attributes through hybrid recommendation method. , 2013, , . | | 6 |
| 80 | Aggressive and effective feature selection using genetic programming. , 2012, , . | | 11 |
| 81 | 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 |
| 82 | Partial discharge signal denoising with spatially adaptive wavelet thresholding and support vector machines. Electric Power Systems Research, 2011, 81, 644-659. | 2.1 | 59 |
| 83 | Word co-occurrence features for text classification. Information Systems, 2011, 36, 843-858. | 2.4 | 85 |
| 84 | Temporally-aware algorithms for document classification. , 2010, , . | | 21 |
| 85 | Exploiting contexts to deal with uncertainty in classification. , 2009, , . | | 1 |
| 86 | Reactivity based model to study online auctions dynamics. Information Technology and Management, 2009, 10, 21. | 1.4 | 2 |
| 87 | Quantifying the Impact of Information Aggregation on Complex Networks: A Temporal Perspective. Lecture Notes in Computer Science, 2009, , 50-61. | 1.0 | 1 |
| 88 | Reactivity in Online Auctions: Understanding Bidding Behavior through Reactive Transitions. , 2008, , . | | 0 |
| 89 | Exploiting temporal contexts in text classification. , 2008, , . | | 17 |
| 90 | Understanding temporal aspects in document classification. , 2008, , . | | 24 |

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|---|---|---|---|
| 91 | Caracterizando desafios de interaÃ§Ã£o com sistemas de mineraÃ§Ã£o de regras de associaÃ§Ã£o. , 2006, , . | | 0 |
| 92 | A characterization of broadband user behavior and their e-business activities. Performance Evaluation Review, 2004, 32, 3-13. | 0.4 | 21 |
| 93 | Combining Data Mining Techniques to Analyse Factors Associated with Allocation of Socioeconomic Resources at IFMG. , 0, , . | | 0 |