José Ramón Méndez Reboredo

List of Publications by Year
in descending order

50 papers	**741** citations	516710 **16** h-index	552781 **26** g-index
53 all docs	**53** docs citations	**53** times ranked	**581** citing authors

#	Article	IF	Citations
1	Improvements for research data repositories: The case of text spam. Journal of Information Science, 2023, 49, 285-301.	3.3	2
2	Enhancing representation in the context of multiple-channel spam filtering. Information Processing and Management, 2022, 59, 102812.	8.6	7
3	The bdpar Package: Big Data Pipelining Architecture for R. R Journal, 2021, 13, 130.	1.8	0
4	An ontology knowledge inspection methodology for quality assessment and continuous improvement. Data and Knowledge Engineering, 2021, 133, 101889.	3.4	6
5	Novel Tools for the Management, Representation, and Exploitation of Textual Information. Scientific Programming, 2021, 2021, 1-3.	0.7	0
6	Improving Pipelining Tools for Pre-processing Data. International Journal of Interactive Multimedia and Artificial Intelligence, 2021, In Press, 1.	1.3	1
7	Ontology Fixing by Using Software Engineering Technology. Applied Sciences (Switzerland), 2020, 10, 6328.	2.5	13
8	Using Natural Language Preprocessing Architecture (NLPA) for Big Data Text Sources. Scientific Programming, 2020, 2020, 1-13.	0.7	4
9	SDRS: A new lossless dimensionality reduction for text corpora. Information Processing and Management, 2020, 57, 102249.	8.6	4
10	A Practical Approach to Protect IoT Devices against Attacks and Compile Security Incident Datasets. Scientific Programming, 2019, 2019, 1-11.	0.7	4
11	Improving the drug discovery process by using multiple classifier systems. Expert Systems With Applications, 2019, 121, 292-303.	7.6	17
12	A new semantic-based feature selection method for spam filtering. Applied Soft Computing Journal, 2019, 76, 89-104.	7.2	55
13	A multiple classifier system identifies novel cannabinoid CB2 receptor ligands. Journal of Cheminformatics, 2019, 11, 66.	6.1	3
14	Using evolutionary computation for discovering spam patterns from e-mail samples. Information Processing and Management, 2018, 54, 303-317.	8.6	26
15	Concept drift in e-mail datasets: An empirical study with practical implications. Information Sciences, 2018, 428, 120-135.	6.9	23
16	Quadcriteria Optimization of Binary Classifiers: Error Rates, Coverage, andÂComplexity. Advances in Intelligent Systems and Computing, 2018, , 37-49.	0.6	1
17	WARCProcessor: An Integrative Tool for Building and Management of Web Spam Corpora. Sensors, 2018, 18, 16.	3.8	6
18	Determining the Influence of Class Imbalance for the Triage of Biomedical Documents. Current Bioinformatics, 2018, 13, 592-605.	1.5	5

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19	Boosting Accuracy of Classical Machine Learning Antispam Classifiers in Real Scenarios by Applying Rough Set Theory. Scientific Programming, 2016, 2016, 1-10.	0.7	9
20	WSF2: A Novel Framework for Filtering Web Spam. Scientific Programming, 2016, 2016, 1-18.	0.7	5
21	RuleSIM: a toolkit for simulating the operation and improving throughput of rule-based spam filters. Software - Practice and Experience, 2016, 46, 1091-1108.	3.6	4
22	Using new scheduling heuristics based on resource consumption information for increasing throughput on rule-based spam filtering systems. Software - Practice and Experience, 2016, 46, 1035-1051.	3.6	6
23	A spam filtering multi-objective optimization study covering parsimony maximization and three-way classification. Applied Soft Computing Journal, 2016, 48, 111-123.	7.2	23
24	A dynamic model for integrating simple web spam classification techniques. Expert Systems With Applications, 2015, 42, 7969-7978.	7.6	14
25	Combining Scheduling Heuristics to Improve e-mail Filtering Throughput. Advances in Intelligent Systems and Computing, 2015, , 235-242.	0.6	1
26	Analyzing the Impact of Unbalanced Data on Web Spam Classification. Advances in Intelligent Systems and Computing, 2015, , 243-250.	0.6	2
27	Wirebrush4SPAM: a novel framework for improving efficiency on spam filtering services. Software - Practice and Experience, 2013, 43, 1299-1318.	3.6	17
28	Effective scheduling strategies for boosting performance on rule-based spam filtering frameworks. Journal of Systems and Software, 2013, 86, 3151-3161.	4.5	16
29	Optimising anti-spam filters with evolutionary algorithms. Expert Systems With Applications, 2013, 40, 4010-4021.	7.6	25
30	Optimization of Anti-Spam Systems with Multiobjective Evolutionary Algorithms. Information Resources Management Journal, 2013, 26, 54-67.	1.1	8
31	Rough sets for spam filtering: Selecting appropriate decision rules for boundary e-mail classification. Applied Soft Computing Journal, 2012, 12, 3671-3682.	7.2	40
32	Grindstone4Spam: An optimization toolkit for boosting e-mail classification. Journal of Systems and Software, 2012, 85, 2909-2920.	4.5	13
33	SDAI: An integral evaluation methodology for content-based spam filtering models. Expert Systems With Applications, 2012, 39, 12487-12500.	7.6	30
34	A JAVA application framework for scientific software development. Software - Practice and Experience, 2012, 42, 1015-1036.	3.6	10
35	Developing Anti-spam Filters Using Automatically Generated Rough Sets Rules. Advances in Intelligent Systems and Computing, 2012, , 325-334.	0.6	1
36	Building Proteomics Applications with the AIBench Application Framework. Advances in Intelligent and Soft Computing, 2011, , 99-107.	0.2	2

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37	Survey on Anti-spam Single and Multi-objective Optimization. Communications in Computer and Information Science, 2011, , 120-129.	0.5	4
38	BioDR: Semantic indexing networks for biomedical document retrieval. Expert Systems With Applications, 2010, 37, 3444-3453.	7.6	14
39	Van Hemmen-Kondo model for disordered strongly correlated electron systems. Physical Review B, 2010, 81, .	3.2	17
40	Managing irrelevant knowledge in CBR models for unsolicited e-mail classification. Expert Systems With Applications, 2009, 36, 1601-1614.	7.6	11
41	Biomedical Text Mining Applied to Document Retrieval and Semantic Indexing. Lecture Notes in Computer Science, 2009, , 954-963.	1.3	1
42	An Evolutionary Approach for Sample-Based Clustering on Microarray Data. Lecture Notes in Computer Science, 2009, , 972-978.	1.3	0
43	The Impact of Noise in Spam Filtering: A Case Study. Lecture Notes in Computer Science, 2008, , 228-241.	1.3	3
44	Applying lazy learning algorithms to tackle concept drift in spam filtering. Expert Systems With Applications, 2007, 33, 36-48.	7.6	104
45	SpamHunting: An instance-based reasoning system for spam labelling and filtering. Decision Support Systems, 2007, 43, 722-736.	5.9	70
46	Analyzing the Performance of Spam Filtering Methods When Dimensionality of Input Vector Changes. Lecture Notes in Computer Science, 2007, , 364-378.	1.3	4
47	Assessing Classification Accuracy in the Revision Stage of a CBR Spam Filtering System. Lecture Notes in Computer Science, 2007, , 374-388.	1.3	4
48	Relaxing Feature Selection in Spam Filtering by Using Case-Based Reasoning Systems. , 2007, , 53-62.		1
49	A Comparative Performance Study of Feature Selection Methods for the Anti-spam Filtering Domain. Lecture Notes in Computer Science, 2006, , 106-120.	1.3	54
50	Tracking Concept Drift at Feature Selection Stage in SpamHunting: An Anti-spam Instance-Based Reasoning System. Lecture Notes in Computer Science, 2006, , 504-518.	1.3	25