

Jacques Wainer

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

2,181
citations

304743

22
h-index

254184

43
g-index

88
all docs

88
docs citations

88
times ranked

1843
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic fruit and vegetable classification from images. Computers and Electronics in Agriculture, 2010, 70, 96-104.	7.7	224
2	W-RBAC – A Workflow Security Model Incorporating Controlled Overriding of Constraints. International Journal of Cooperative Information Systems, 2003, 12, 455-485.	0.8	132
3	PROCLETS: A FRAMEWORK FOR LIGHTWEIGHT INTERACTING WORKFLOW PROCESSES. International Journal of Cooperative Information Systems, 2001, 10, 443-481.	0.8	124
4	Points of Interest and Visual Dictionaries for Automatic Retinal Lesion Detection. IEEE Transactions on Biomedical Engineering, 2012, 59, 2244-2253.	4.2	115
5	A data-driven approach to referable diabetic retinopathy detection. Artificial Intelligence in Medicine, 2019, 96, 93-106.	6.5	103
6	Algorithms for anomaly detection of traces in logs of process aware information systems. Information Systems, 2013, 38, 33-44.	3.6	85
7	Nested cross-validation when selecting classifiers is overzealous for most practical applications. Expert Systems With Applications, 2021, 182, 115222.	7.6	85
8	DW-RBAC: A formal security model of delegation and revocation in workflow systems. Information Systems, 2007, 32, 365-384.	3.6	74
9	Advancing Bag-of-Visual-Words Representations for Lesion Classification in Retinal Images. PLoS ONE, 2014, 9, e96814.	2.5	69
10	A fine-grained, controllable, user-to-user delegation method in RBAC. , 2005, , .		54
11	Too much computer and Internet use is bad for your grades, especially if you are young and poor: Results from the 2001 Brazilian SAEB. Computers and Education, 2008, 51, 1417-1429.	8.3	54
12	Empirical comparison of cross-validation and internal metrics for tuning SVM hyperparameters. Pattern Recognition Letters, 2017, 88, 6-11.	4.2	52
13	Assessing the Need for Referral in Automatic Diabetic Retinopathy Detection. IEEE Transactions on Biomedical Engineering, 2013, 60, 3391-3398.	4.2	51
14	Beyond Lesion-Based Diabetic Retinopathy: A Direct Approach for Referral. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 193-200.	6.3	49
15	Anomaly Detection Using Process Mining. Lecture Notes in Business Information Processing, 2009, , 149-161.	1.0	46
16	Constraint-Based Flexible Workflows. Lecture Notes in Computer Science, 2003, , 151-158.	1.3	44
17	Brazilian computer science research: Gender and regional distributions. Scientometrics, 2009, 79, 651-665.	3.0	38
18	Scheduling meetings through multi-agent negotiations. Decision Support Systems, 2007, 44, 285-297.	5.9	33

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19	Probabilistic Multiagent Patrolling. Lecture Notes in Computer Science, 2008, , 124-133.	1.3	32
20	Relationship between high-quality journals and conferences in computer vision. Scientometrics, 2012, 90, 617-630.	3.0	31
21	A COMBINATION OF SUPPORT VECTOR MACHINE AND k-NEAREST NEIGHBORS FOR MACHINE FAULT DETECTION. Applied Artificial Intelligence, 2013, 27, 36-49.	3.2	31
22	Retinal Image Quality Analysis for Automatic Diabetic Retinopathy Detection. , 2012, , .		26
23	Automatic breast density classification using a convolutional neural network architecture search procedure. Proceedings of SPIE, 2015, , .	0.8	25
24	Correlations between bibliometrics and peer evaluation for all disciplines: the evaluation of Brazilian scientists. Scientometrics, 2013, 96, 395-410.	3.0	24
25	The association between having access to computers and Internet and educational achievement for primary students in Brazil. Computers and Education, 2015, 80, 68-76.	8.3	24
26	How to tune the RBF SVM hyperparameters? An empirical evaluation of 18 search algorithms. Artificial Intelligence Review, 2021, 54, 4771-4797.	15.7	24
27	Empirical research in CSCW – a review of the ACM/CSCW conferences from 1998 to 2004. Journal of the Brazilian Computer Society, 2007, 13, 27-35.	1.3	23
28	Scientific production in Computer Science: A comparative study of Brazil and other countries. Scientometrics, 2009, 81, 535-547.	3.0	22
29	Machine learning and pattern classification in identification of indigenous retinal pathology. , 2011, 2011, 5951-4.		22
30	Detecting face presentation attacks in mobile devices with a patch-based CNN and a sensor-aware loss function. PLoS ONE, 2020, 15, e0238058.	2.5	22
31	Anomaly detection algorithms in logs of process aware systems. , 2008, , .		21
32	Fuzzy Temporal/Categorical Information in Diagnosis. Journal of Intelligent Information Systems, 1999, 13, 9-26.	3.9	19
33	Patterns of bibliographic references in the ACM published papers. Information Processing and Management, 2011, 47, 135-142.	8.6	19
34	A Controlled Experiment on Python vs C for an Introductory Programming Course. ACM Transactions on Computing Education, 2018, 18, 1-16.	3.5	19
35	Meta workflows as a control and coordination mechanism for exception handling in workflow systems. Decision Support Systems, 2005, 40, 89-105.	5.9	18
36	Empirical evaluation in Computer Science research published by ACM. Information and Software Technology, 2009, 51, 1081-1085.	4.4	18

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37	Invisible work in standard bibliometric evaluation of computer science. Communications of the ACM, 2011, 54, 141-146.	4.5	18
38	Desvendando mitos: os computadores e o desempenho no sistema escolar. Educacao E Sociedade, 2007, 28, 1303-1328.	0.4	17
39	Investigations on Stochastic Information Control Nets. Information Sciences, 2012, 194, 120-137.	6.9	17
40	Avalia�o de bolsas de produtividade em pesquisa do CNPq e medidas bibliom�tricas: correla�es para todas as grandes �reas. Perspectivas Em Ciencia Da Informacao, 2013, 18, 60-78.	0.1	17
41	A temporal extension to the parsimonious covering theory. Artificial Intelligence in Medicine, 1997, 10, 235-255.	6.5	16
42	Data fusion for multi-lesion Diabetic Retinopathy detection. , 2012, , .		16
43	How productivity and impact differ across computer science subareas. Communications of the ACM, 2013, 56, 67-73.	4.5	15
44	A Workflow Mining Method Through Model Rewriting. Lecture Notes in Computer Science, 2005, , 184-191.	1.3	15
45	Beyond Workflow Mining. Lecture Notes in Computer Science, 2006, , 49-64.	1.3	15
46	Automatic Produce Classification from Images Using Color, Texture and Appearance Cues. , 2008, , .		14
47	Toward a set of measures of student learning outcomes in higher education: evidence from Brazil. Higher Education, 2016, 72, 381-401.	4.4	14
48	Subspace Hierarchical Particle Filter. Computer Graphics and Image Processing (SIBGRAPI), Proceedings of the Brazilian Symposium on, 2006, , .	0.0	13
49	Open-Set Support Vector Machines. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3785-3798.	9.3	12
50	Low false positive learning with support vector machines. Journal of Visual Communication and Image Representation, 2016, 38, 340-350.	2.8	11
51	Fraud detection in process aware systems. International Journal of Business Process Integration and Management, 2011, 5, 121.	0.0	10
52	Peer-Selected ‘‘Best Papers’’ Are They Really That ‘‘Good’’. PLoS ONE, 2015, 10, e0118446.	2.5	10
53	A Fully Distributed Architecture for Large Scale Workflow Enactment. International Journal of Cooperative Information Systems, 2003, 12, 411-440.	0.8	9
54	What happens to computer science research after it is published? Tracking <sc>CS</sc> research lines. Journal of the Association for Information Science and Technology, 2013, 64, 1104-1111.	2.6	9

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55	Automated Multi-Lesion Detection for Referable Diabetic Retinopathy in Indigenous Health Care. PLoS ONE, 2015, 10, e0127664.	2.5	7
56	Cleaning Task Planning for an Autonomous Robot in Indoor Places with Multiples Rooms. International Journal of Machine Learning and Computing, 2015, 5, 86-90.	0.6	7
57	Automatic Diabetic Retinopathy detection using BossaNova representation. , 2014, 2014, 146-9.		6
58	Breast Density Classification with Convolutional Neural Networks. Lecture Notes in Computer Science, 2017, , 101-108.	1.3	5
59	How do experts recognize schizophrenia: the role of the disorganization symptom. Revista Brasileira De Psiquiatria, 2006, 28, 5-9.	1.7	5
60	A REUSE-ORIENTED WORKFLOW DEFINITION LANGUAGE. International Journal of Cooperative Information Systems, 2003, 12, 1-36.	0.8	4
61	Person-to-Person Processes: Computer-Supported Collaborative Work. , 2005, , 37-60.		4
62	Modeling the Behavior of Dispatching Rules in Workflow Systems: A Statistical Approach. Lecture Notes in Computer Science, 2005, , 208-215.	1.3	4
63	Correla�es entre a contagem de cita�es de pesquisadores brasileiros, usando o Web of Science, Scopus e Scholar. Perspectivas Em Ciencia Da Informacao, 2013, 18, 45-60.	0.1	4
64	Processos de Decis�o de Markov: um tutorial. Revista De Informatica Teorica E Aplicada, 2007, 14, 133-179.	0.2	4
65	Knowledge acquisition in schizophrenia: clinical reasoning patterns among three experts. Schizophrenia Research, 2003, 63, 295-296.	2.0	3
66	Arrangement map for task planning and localization for an autonomous robot in a large-scale environment. , 2014, , .		3
67	Planning for Multi-robot Localization. Lecture Notes in Computer Science, 2010, , 183-192.	1.3	3
68	Automatic theory formation in graph theory. Journal of the Brazilian Computer Society, 1999, 6, 00-00.	1.3	3
69	Two-tiered face verification with low-memory footprint for mobile devices. IET Biometrics, 2020, 9, 205-215.	2.5	3
70	Modeling generalized implicatures using non-monotonic logics. Journal of Logic, Language and Information, 2007, 16, 195-216.	0.6	2
71	ST-guide. , 2008, , .		2
72	A Conceptual Framework to Model Chronic and Long-Term Diseases. Lecture Notes in Computer Science, 2001, , 405-408.	1.3	2

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73	Meta-workflows and ESP: A Framework for Coordination, Exception Handling and Adaptability in Workflow Systems. Lecture Notes in Computer Science, 2004, , 13-27.	1.3	2
74	Scheduling Meetings through Multi-agent Negotiation. Lecture Notes in Computer Science, 2000, , 126-135.	1.3	2
75	Robot Task Planning on Multiple Environments. International Journal of Computer and Electrical Engineering, 2014, 6, 444-456.	0.2	2
76	Patterns of Collaboration and Non-collaboration Among Physicians. Lecture Notes in Computer Science, 2005, , 248-254.	1.3	1
77	A Syntactic Approach to Introspection and Reasoning About the Beliefs of Other Agents ¹ . Fundamenta Informaticae, 1991, 15, 333-356.	0.4	1
78	A Design Rationale-Based Model as an Add-on to Electronic Medical Records. , 2008, , .		0
79	Web-Serving Health with ST-Guide. , 2008, , .		0
80	Modeling Ethnic Digital Divide Evolution Theories. , 2010, , .		0
81	ST-Audit: guideline-based automatic auditing of electronic patient records. Journal of Intelligent Information Systems, 2011, 36, 49-72.	3.9	0
82	An accountable saliency-oriented data-driven approach to diabetic retinopathy detection. , 2020, , 223-243.		0
83	A Fuzzy Extension to a Temporal Parsimonious Covering Theory. , 2000, , 147-158.		0
84	A GREEDY ALGORITHM TO CONFIGURE AND RECONFIGURE BLUETOOTH SCATTERNETS. , 2003, , .		0
85	RBAC with Generic Rights, Delegation, Revocation, and Constraints. , 2013, , 1080-1101.		0
86	A Linear Time Implementation of k-Means for Multilevel Thresholding of Grayscale Images. Lecture Notes in Computer Science, 2014, , 120-126.	1.3	0
87	RBAC with Generic Rights, Delegation, Revocation, and Constraints. , 0, , 277-298.		0