Joaquin Vanschoren

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/978614/joaquin-vanschoren-publications-by-year.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42 papers	1,029 citations	17 h-index	32 g-index
45 ext. papers	1,363 ext. citations	3.2 avg, IF	4.95 L-index

#	Paper	IF	Citations
42	Meta-features for meta-learning. *Knowledge-Based Systems*, **2022**, 240, 108101	7.3	4
41	Metalearning for Hyperparameter Optimization. *Cognitive Technologies*, **2022**, 103-122	2	
40	Algorithm Recommendation for Data Streams. *Cognitive Technologies*, **2022**, 201-218	2	
39	Metalearning Approaches for Algorithm Selection II. *Cognitive Technologies*, **2022**, 77-102	2	
38	Dataset Characteristics (Metafeatures). *Cognitive Technologies*, **2022**, 53-75	2	
37	Setting Up Configuration Spaces and Experiments. *Cognitive Technologies*, **2022**, 143-168	2	
36	AgroML: An Open-Source Repository to Forecast Reference Evapotranspiration in Different Geo-Climatic Conditions Using Machine Learning and Transformer-Based Models. *Agronomy*, **2022**, 12, 656	3.6	1
35	Metadata Repositories. *Cognitive Technologies*, **2022**, 297-310	2	
34	Automating Workflow/Pipeline Design. *Cognitive Technologies*, **2022**, 123-140	2	
33	Evaluating Recommendations of Metalearning/AutoML Systems. *Cognitive Technologies*, **2022**, 39-52	2	
32	Metalearning Approaches for Algorithm Selection I (Exploiting Rankings). *Cognitive Technologies*, **2022**, 19-37	2	
31	GAMA: A General Automated Machine Learning Assistant. *Lecture Notes in Computer Science*, **2021**, 560-564	0.9	0
30	Adaptation Strategies for Automated Machine Learning on Evolving Data. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, 43, 3067-3078	13.3	6
29	GAMA: Genetic Automated Machine learning Assistant. *Journal of Open Source Software*, **2019**, 4, 1132	5.2	14
28	Meta-Learning. *The Springer Series on Challenges in Machine Learning*, **2019**, 35-61	7.3	68
27	Multi-task learning with a natural metric for quantitative structure activity relationship learning. *Journal of Cheminformatics*, **2019**, 11, 68	8.6	8
26	OpenML: An R package to connect to the machine learning platform OpenML. *Computational Statistics*, **2019**, 34, 977-991	1	10

25	Meta-QSAR: a large-scale application of meta-learning to drug design and discovery. *Machine Learning*, **2018**, 107, 285-311	4	36
24	The online performance estimation framework: heterogeneous ensemble learning for data streams. *Machine Learning*, **2018**, 107, 149-176	4	51
23	Speeding up algorithm selection using average ranking and active testing by introducing runtime. *Machine Learning*, **2018**, 107, 79-108	4	16
22	Hyper-Parameter Tuning of a Decision Tree Induction Algorithm **2016**,		30
21	Reduction of false arrhythmia alarms using signal selection and machine learning. *Physiological Measurement*, **2016**, 37, 1204-16	2.9	35
20	ASlib: A benchmark library for algorithm selection. *Artificial Intelligence*, **2016**, 237, 41-58	3.6	81
19	Toward understanding online sentiment expression: an interdisciplinary approach with subgroup comparison and visualization. *Social Network Analysis and Mining*, **2016**, 6, 1	2.2	3
18	Decreasing the false alarm rate of arrhythmias in intensive care using a machine learning approach **2015**,		18
17	To tune or not to tune: Recommending when to adjust SVM hyper-parameters via meta-learning **2015**,		18
16	Having a Blast: Meta-Learning and Heterogeneous Ensembles for Data Streams **2015**,		20
15	Who is More Positive in Private? Analyzing Sentiment Differences across Privacy Levels and Demographic Factors in Facebook Chats and Posts **2015**,		4
14	Fast Algorithm Selection Using Learning Curves. *Lecture Notes in Computer Science*, **2015**, 298-309	0.9	22
13	OpenML. *SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining*, **2014**, 15, 49-60	4.6	346
12	Algorithm Selection on Data Streams. *Lecture Notes in Computer Science*, **2014**, 325-336	0.9	27
11	A survey of intelligent assistants for data analysis. *ACM Computing Surveys*, **2013**, 45, 1-35	13.4	51
10	OpenML: A Collaborative Science Platform. *Lecture Notes in Computer Science*, **2013**, 645-649	0.9	19
9	Experiment databases. *Machine Learning*, **2012**, 87, 127-158	4	50
8	Selecting Classification Algorithms with Active Testing. *Lecture Notes in Computer Science*, **2012**, 117-131	0.9	44

7	Meta-Learning Architectures: Collecting, Organizing and Exploiting Meta-Knowledge. *Studies in Computational Intelligence*, **2011**, 117-155	0.8	2
6	Experiment Databases **2010**, 335-361		4
5	A Community-Based Platform for Machine Learning Experimentation. *Lecture Notes in Computer Science*, **2009**, 750-754	0.9	5
4	Learning from the Past with Experiment Databases. *Lecture Notes in Computer Science*, **2008**, 485-496	0.9	4
3	Investigating Classifier Learning Behavior with Experiment Databases. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2008**, 421-428	0.2	2
2	Organizing the World's Machine Learning Information. *Communications in Computer and Information Science*, **2008**, 693-708	0.3	4
1	Experiment Databases: Towards an Improved Experimental Methodology in Machine Learning. *Lecture Notes in Computer Science*, **2007**, 6-17	0.9	26