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List of Publications by Year
in descending order

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41 papers	700 citations	1039880 9 h-index	940416 16 g-index
42 all docs	42 docs citations	42 times ranked	527 citing authors

#	Article	IF	Citations
1	A Survey of Evolutionary Algorithms for Decision-Tree Induction. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 291-312.	3.3	242
2	Evolutionary Design of Decision-Tree Algorithms Tailored to Microarray Gene Expression Data Sets. IEEE Transactions on Evolutionary Computation, 2014, 18, 873-892.	7.5	55
3	Evolutionary model trees for handling continuous classes in machine learning. Information Sciences, 2011, 181, 954-971.	4.0	44
4	Automatic Design of Decision-Tree Algorithms with Evolutionary Algorithms. Evolutionary Computation, 2013, 21, 659-684.	2.3	35
5	Lexicographic multi-objective evolutionary induction of decision trees. International Journal of Bio-Inspired Computation, 2009, 1, 105.	0.6	32
6	A hyper-heuristic evolutionary algorithm for automatically designing decision-tree algorithms. , 2012, , .		26
7	Software effort prediction. , 2013, , .		26
8	Automatic design of decision-tree induction algorithms tailored to flexible-receptor docking data. BMC Bioinformatics, 2012, 13, 310.	1.2	23
9	LEGAL-tree. , 2009, , .		21
10	Evolving decision trees with beam search-based initialization and lexicographic multi-objective evaluation. Information Sciences, 2014, 258, 160-181.	4.0	18
11	Inducing Hierarchical Multi-label Classification rules with Genetic Algorithms. Applied Soft Computing Journal, 2019, 77, 584-604.	4.1	18
12	Predicting software maintenance effort through evolutionary-based decision trees. , 2012, , .		17
13	Towards the automatic design of decision tree induction algorithms. , 2011, , .		16
14	$${lambda }$$ Î» -LGP: an improved version of linear genetic programming evaluated in the Ant Trail problem. Knowledge and Information Systems, 2017, 52, 445-465.	2.1	13
15	Evolving decision-tree induction algorithms with a multi-objective hyper-heuristic. , 2015, , .		11
16	A study on graph representations for genetic programming. , 2020, , .		11
17	Graph representations in genetic programming. Genetic Programming and Evolvable Machines, 2021, 22, 607-636.	1.5	10
18	Evolutionary model tree induction. , 2010, , .		9

#	Article	IF	Citations
19	A grammatical evolution approach for software effort estimation. , 2013, , .		8
20	Issues on Estimating Software Metrics in a Large Software Operation. , 2008, , .		6
21	A grammatical evolution based hyper-heuristic for the automatic design of split criteria. , 2014, , .		6
22	An Analysis of the Influence of Noneffective Instructions in Linear Genetic Programming. Evolutionary Computation, 2022, 30, 51-74.	2.3	6
23	Multi-label Feature Selection Techniques for Hierarchical Multi-label Protein Function Prediction. , 2018, , .		5
24	Clus-DTI: improving decision-tree classification with a clustering-based decision-tree induction algorithm. Journal of the Brazilian Computer Society, 2012, 18, 351-362.	0.8	4
25	Investigating fitness functions for a hyper-heuristic evolutionary algorithm in the context of balanced and imbalanced data classification. Genetic Programming and Evolvable Machines, 2015, 16, 241-281.	1.5	4
26	GEEK: Grammatical Evolution for Automatically Evolving Kernel Functions. , 2017, , .		4
27	Evolving balanced decision trees with a multi-population genetic algorithm. , 2015, , .		3
28	Enhancing discrimination power with genetic feature construction: A grammatical evolution approach. , 2016, , .		3
29	Medoid-based data clustering with estimation of distribution algorithms. , 2016, , .		3
30	An improved Î»-linear genetic programming evaluated in solving the Santa Fe ant trail problem. , 2016, , .		3
31	An extensive experimental evaluation of automated machine learning methods for recommending classification algorithms. Evolutionary Intelligence, 2021, 14, 1895-1914.	2.3	3
32	A Beam Search Based Decision Tree Induction Algorithm. , 2012, , 357-370.		3
33	A clustering-based decision tree induction algorithm. , 2011, , .		2
34	Estimation of distribution algorithms for decision-tree induction. , 2017, , .		2
35	Classification of Cocaine Dependents from fMRI Data Using Cluster-Based Stratification and Deep Learning. Lecture Notes in Computer Science, 2017, , 298-313.	1.0	2
36	Generation of consistent sets of multi-label classification rules with a multi-objective evolutionary algorithm. , 2020, , .		2

#	Article	IF	Citations
37	Automatic Design of Evolutionary Algorithms Based on Entropy Triggers. , 2018, , .		1
38	Clustering Molecular Dynamics trajectories with a univariate estimation of distribution algorithm. , 2015, , .		0
39	Automatically Design Distance Functions for Graph-Based Semi-Supervised Learning. , 2017, , .		0
40	NGA-LP: A Robust and Improved Genetic Algorithm to Detect Communities in Directed Networks. , 2018, , .		0
41	Extracting Rules for Black Jack Using Machine Learning and Fuzzy Systems. , 2018, , .		0