Jose A A Lozano

List of Publications by Citations

187 papers	5,870 citations	33 h-index	73 g-index
212 ext. papers	7,309 ext. citations	4.4 avg, IF	6.09 L-index

#	Paper	IF	Citations
187	Sensitivity analysis of kappa-fold cross validation in prediction error estimation. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2010**, 32, 569-75	13.3	764
186	Estimation of Distribution Algorithms. *Genetic Algorithms and Evolutionary Computation*, **2002**,		731
185	An empirical comparison of four initialization methods for the K-Means algorithm. *Pattern Recognition Letters*, **1999**, 20, 1027-1040	4.7	492
184	Machine learning in bioinformatics. *Briefings in Bioinformatics*, **2006**, 7, 86-112	13.4	484
183	A Review of Auto-scaling Techniques for Elastic Applications in Cloud Environments. *Journal of Grid Computing*, **2014**, 12, 559-592	4.2	340
182	Differential micro RNA expression in PBMC from multiple sclerosis patients. *PLoS ONE*, **2009**, 4, e6309	3.7	184
181	A review of travel time estimation and forecasting for Advanced Traveller Information Systems. *Transportmetrica A: Transport Science*, **2015**, 11, 119-157	2.5	112
180	An efficient approximation to the K-means clustering for massive data. *Knowledge-Based Systems*, **2017**, 117, 56-69	7.3	109
179	Protein Folding in Simplified Models With Estimation of Distribution Algorithms. *IEEE Transactions on Evolutionary Computation*, **2008**, 12, 418-438	15.6	95
178	A Distance-Based Ranking Model Estimation of Distribution Algorithm for the Flowshop Scheduling Problem. *IEEE Transactions on Evolutionary Computation*, **2014**, 18, 286-300	15.6	82
177	Dealing with the evaluation of supervised classification algorithms. *Artificial Intelligence Review*, **2015**, 44, 467-508	9.7	78
176	Path Planning for Single Unmanned Aerial Vehicle by Separately Evolving Waypoints. *IEEE Transactions on Robotics*, **2015**, 31, 1130-1146	6.5	78
175	A review on estimation of distribution algorithms in permutation-based combinatorial optimization problems. *Progress in Artificial Intelligence*, **2012**, 1, 103-117	4	75
174	Approaching Sentiment Analysis by using semi-supervised learning of multi-dimensional classifiers. *Neurocomputing*, **2012**, 92, 98-115	5.4	68
173	A review on distance based time series classification. *Data Mining and Knowledge Discovery*, **2019**, 33, 378-412	5.6	60
172	Spacecraft trajectory optimization: A review of models, objectives, approaches and solutions. *Progress in Aerospace Sciences*, **2018**, 102, 76-98	8.8	52
171	Weak supervision and other non-standard classification problems: A taxonomy. *Pattern Recognition Letters*, **2016**, 69, 49-55	4.7	51

170	Mathematical modelling of UMDAc algorithm with tournament selection. Behaviour on linear and quadratic functions. *International Journal of Approximate Reasoning*, **2002**, 31, 313-340	3.6	51
169	A Review on Outlier/Anomaly Detection in Time Series Data. *ACM Computing Surveys*, **2021**, 54, 1-33	13.4	49
168	Fish recruitment prediction, using robust supervised classification methods. *Ecological Modelling*, **2010**, 221, 338-352	3	48
167	Learning Bayesian classifiers from positive and unlabeled examples. *Pattern Recognition Letters*, **2007**, 28, 2375-2384	4.7	48
166	Construct, Merge, Solve & Adapt A new general algorithm for combinatorial optimization. *Computers and Operations Research*, **2016**, 68, 75-88	4.6	46
165	A review of estimation of distribution algorithms in bioinformatics. *BioData Mining*, **2008**, 1, 6	4.3	46
164	Similarity Measure Selection for Clustering Time Series Databases. *IEEE Transactions on Knowledge and Data Engineering*, **2016**, 28, 181-195	4.2	40
163	Machine learning: an indispensable tool in bioinformatics. *Methods in Molecular Biology*, **2010**, 593, 25-48	1.4	40
162	Learning Bayesian network classifiers from label proportions. *Pattern Recognition*, **2013**, 46, 3425-3440	7.7	39
161	. *IEEE Transactions on Evolutionary Computation*, **2016**, 20, 96-109	15.6	38
160	Reliable early classification of time series based on discriminating the classes over time. *Data Mining and Knowledge Discovery*, **2017**, 31, 233-263	5.6	38
159	Scatter Search in software testing, comparison and collaboration with Estimation of Distribution Algorithms. *European Journal of Operational Research*, **2006**, 169, 392-412	5.6	38
158	Parallel implementation of EDAs based on probabilistic graphical models. *IEEE Transactions on Evolutionary Computation*, **2005**, 9, 406-423	15.6	37
157	An improved Bayesian structural EM algorithm for learning Bayesian networks for clustering. *Pattern Recognition Letters*, **2000**, 21, 779-786	4.7	35
156	Globally multimodal problem optimization via an estimation of distribution algorithm based on unsupervised learning of Bayesian networks. *Evolutionary Computation*, **2005**, 13, 43-66	4.3	33
155	Early Classification of Time Series by Simultaneously Optimizing the Accuracy and Earliness. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4569-4578	10.3	33
154	Optimizing the number of classes in automated zooplankton classification. *Journal of Plankton Research*, **2009**, 31, 19-29	2.2	32
153	Combining variable neighborhood search and estimation of distribution algorithms in the protein side chain placement problem. *Journal of Heuristics*, **2008**, 14, 519-547	1.9	32

152	Dimensionality reduction in unsupervised learning of conditional Gaussian networks. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2001**, 23, 590-603	13.3	32
151	Applying genetic algorithms to search for the best hierarchical clustering of a dataset. *Pattern Recognition Letters*, **1999**, 20, 911-918	4.7	32
150	Measuring the class-imbalance extent of multi-class problems. *Pattern Recognition Letters*, **2017**, 98, 32-38	4.7	31
149	Mateda-2.0: AMATLABPackage for the Implementation and Analysis of Estimation of Distribution Algorithms. *Journal of Statistical Software*, **2010**, 35,	7.3	31
148	Side chain placement using estimation of distribution algorithms. *Artificial Intelligence in Medicine*, **2007**, 39, 49-63	7.4	30
147	Prioritization of candidate cancer genes--an aid to oncogenomic studies. *Nucleic Acids Research*, **2008**, 36, e115	20.1	27
146	Supervised pre-processing approaches in multiple class variables classification for fish recruitment forecasting. *Environmental Modelling and Software*, **2013**, 40, 245-254	5.2	26
145	Research topics in discrete estimation of distribution algorithms based on factorizations. *Memetic Computing*, **2009**, 1, 35-54	3.4	26
144	An efficient evolutionary algorithm for the orienteering problem. *Computers and Operations Research*, **2018**, 90, 42-59	4.6	24
143	Learning Recursive Bayesian Multinets for Data Clustering by Means of Constructive Induction. *Machine Learning*, **2002**, 47, 63-89	4	24
142	Using Multidimensional Bayesian Network Classifiers to Assist the Treatment of Multiple Sclerosis. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2012**, 42, 1705-1715		22
141	ON THE PERFORMANCE OF ESTIMATION OF DISTRIBUTION ALGORITHMS APPLIED TO SOFTWARE TESTING. *Applied Artificial Intelligence*, **2005**, 19, 457-489	2.3	22
140	Exact Bayesian network learning in estimation of distribution algorithms **2007**,		21
139	Learning Bayesian networks for clustering by means of constructive induction. *Pattern Recognition Letters*, **1999**, 20, 1219-1230	4.7	21
138	The linear ordering problem revisited. *European Journal of Operational Research*, **2015**, 241, 686-696	5.6	20
137	A Markovianity based optimisation algorithm. *Genetic Programming and Evolvable Machines*, **2012**, 13, 159-195	2	20
136	Increasing power of genome-wide association studies by collecting additional single-nucleotide polymorphisms. *Genetics*, **2011**, 188, 449-60	4	20
135	Bayesian model averaging of naive Bayes for clustering. *IEEE Transactions on Systems, Man, and Cybernetics*, **2006**, 36, 1149-61		20

134	An efficient K-means clustering algorithm for tall data. *Data Mining and Knowledge Discovery*, **2020**, 34, 776-811	5.6	19
133	An evaluation of methods for estimating the number of local optima in combinatorial optimization problems. *Evolutionary Computation*, **2013**, 21, 625-58	4.3	19
132	UNSUPERVISED LEARNING OF BAYESIAN NETWORKS VIA ESTIMATION OF DISTRIBUTION ALGORITHMS: AN APPLICATION TO GENE EXPRESSION DATA CLUSTERING. *International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems*, **2004**, 12, 63-82	0.8	19
131	A general framework for the statistical analysis of the sources of variance for classification error estimators. *Pattern Recognition*, **2013**, 46, 855-864	7.7	18
130	Introducing the Mallows Model on Estimation of Distribution Algorithms. *Lecture Notes in Computer Science*, **2011**, 461-470	0.9	18
129	Multi-Objective Learning of Multi-Dimensional Bayesian Classifiers **2008**,		17
128	Analyzing rare event, anomaly, novelty and outlier detection terms under the supervised classification framework. *Artificial Intelligence Review*, **2020**, 53, 3575-3594	9.7	17
127	Mutual information based feature subset selection in multivariate time series classification. *Pattern Recognition*, **2020**, 108, 107525	7.7	16
126	A Boltzmann-Based Estimation of Distribution Algorithm for a General Resource Scheduling Model. *IEEE Transactions on Evolutionary Computation*, **2015**, 19, 793-806	15.6	16
125	Learning factorizations in estimation of distribution algorithms using affinity propagation. *Evolutionary Computation*, **2010**, 18, 515-46	4.3	16
124	A partially supervised classification approach to dominant and recessive human disease gene prediction. *Computer Methods and Programs in Biomedicine*, **2007**, 85, 229-37	6.9	16
123	Evaluating machine-learning techniques for recruitment forecasting of seven North East Atlantic fish species. *Ecological Informatics*, **2015**, 25, 35-42	4.2	15
122	Significance tests or confidence intervals: which are preferable for the comparison of classifiers?. *Journal of Experimental and Theoretical Artificial Intelligence*, **2013**, 25, 189-206	2	15
121	Structural transfer using EDAs: An application to multi-marker tagging SNP selection **2012**,		15
120	Toward Understanding EDAs Based on Bayesian Networks Through a Quantitative Analysis. *IEEE Transactions on Evolutionary Computation*, **2012**, 16, 173-189	15.6	14
119	Optimization-based mapping framework for parallel applications. *Journal of Parallel and Distributed Computing*, **2011**, 71, 1377-1387	4.4	14
118	Learning to classify software defects from crowds: A novel approach. *Applied Soft Computing Journal*, **2018**, 62, 579-591	7.5	14
117	A review of distances for the Mallows and Generalized Mallows estimation of distribution algorithms. *Computational Optimization and Applications*, **2015**, 62, 545-564	1.4	13

116	A Tunable Generator of Instances of Permutation-Based Combinatorial Optimization Problems. *IEEE Transactions on Evolutionary Computation*, **2016**, 20, 165-179	15.6	13
115	How natural is a natural interface? An evaluation procedure based on action breakdowns. *Personal and Ubiquitous Computing*, **2013**, 17, 69-79	2.1	13
114	Parallel EDAs to create multivariate calibration models for quantitative chemical applications. *Journal of Parallel and Distributed Computing*, **2006**, 66, 1002-1013	4.4	13
113	On-line Elastic Similarity Measures for time series. *Pattern Recognition*, **2019**, 88, 506-517	7.7	13
112	Fitting the data from embryo implantation prediction: Learning from label proportions. *Statistical Methods in Medical Research*, **2018**, 27, 1056-1066	2.3	12
111	On the limits of effectiveness in estimation of distribution algorithms **2011**,		12
110	Protein Folding in 2-Dimensional Lattices with Estimation of Distribution Algorithms. *Lecture Notes in Computer Science*, **2004**, 388-398	0.9	12
109	The Role of a Priori Information in the Minimization of Contact Potentials by Means of Estimation of Distribution Algorithms **2007**, 247-257		12
108	The Impact of Exact Probabilistic Learning Algorithms in EDAs Based on Bayesian Networks. *Studies in Computational Intelligence*, **2008**, 109-139	0.8	12
107	Mathematical programming strategies for solving the minimum common string partition problem. *European Journal of Operational Research*, **2015**, 242, 769-777	5.6	11
106	Extending distance-based ranking models in estimation of distribution algorithms **2014**,		10
105	The Plackett-Luce ranking model on permutation-based optimization problems **2013**,		10
104	On the taxonomy of optimization problems under estimation of distribution algorithms. *Evolutionary Computation*, **2013**, 21, 471-95	4.3	10
103	Mining probabilistic models learned by EDAs in the optimization of multi-objective problems **2009**,		10
102	A parallel framework for loopy belief propagation **2007**,		10
101	Detection of sand dunes on Mars using a regular vine-based classification approach. *Knowledge-Based Systems*, **2019**, 163, 858-874	7.3	10
100	VR-Mirror: A Virtual Reality System for Mental Practice in Post-Stroke Rehabilitation. *Lecture Notes in Computer Science*, **2005**, 241-251	0.9	10
99	Multi-marker tagging single nucleotide polymorphism selection using estimation of distribution algorithms. *Artificial Intelligence in Medicine*, **2010**, 50, 193-201	7.4	9

98	Representing the behaviour of supervised classification learning algorithms by Bayesian networks. *Pattern Recognition Letters*, **1999**, 20, 1201-1209	4.7	9
97	Probabilistic Load Forecasting Based on Adaptive Online Learning. *IEEE Transactions on Power Systems*, **2021**, 36, 3668-3680	7	9
96	Mixtures of Kikuchi Approximations. *Lecture Notes in Computer Science*, **2006**, 365-376	0.9	9
95	Kernels of Mallows Models for Solving Permutation-based Problems **2015**,		8
94	Sampling and Learning Mallows and Generalized Mallows Models Under the Cayley Distance. *Methodology and Computing in Applied Probability*, **2018**, 20, 1-35	0.6	8
93	Semisupervised Multiclass Classification Problems With Scarcity of Labeled Data: A Theoretical Study. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 2602-2614	10.3	8
92	Bayesian inference for algorithm ranking analysis **2018**,		8
91	A Method for Wind Speed Forecasting in Airports Based on Nonparametric Regression. *Weather and Forecasting*, **2014**, 29, 1332-1342	2.1	8
90	Multidimensional Learning from Crowds: Usefulness and Application of Expertise Detection. *International Journal of Intelligent Systems*, **2015**, 30, 326-354	8.4	8
89	Analyzing the probability of the optimum in EDAs based on Bayesian networks **2009**,		8
88	Feature subset selection from positive and unlabelled examples. *Pattern Recognition Letters*, **2009**, 30, 1027-1036	4.7	8
87	Adaptive Estimation of Distribution Algorithms. *Studies in Computational Intelligence*, **2008**, 177-197	0.8	8
86	An investigation of clustering strategies in many-objective optimization: the I-Multi algorithm as a case study. *Swarm Intelligence*, **2017**, 11, 101-130	3	7
85	A Cheap Feature Selection Approach for the K-Means Algorithm. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 2195-2208	10.3	7
84	The weighted independent domination problem: Integer linear programming models and metaheuristic approaches. *European Journal of Operational Research*, **2018**, 265, 860-871	5.6	6
83	Assisting in search heuristics selection through multidimensional supervised classification: A case study on software testing. *Information Sciences*, **2014**, 258, 122-139	7.7	6
82	Estimation of Distribution Algorithms based Unmanned Aerial Vehicle path planner using a new coordinate system **2014**,		6
81	Wrapper positive Bayesian network classifiers. *Knowledge and Information Systems*, **2012**, 33, 631-654	2.4	6

80	DYNAMIC SEARCH SPACE TRANSFORMATIONS FOR SOFTWARE TEST DATA GENERATION. *Computational Intelligence*, **2008**, 24, 23-61	2.5	6
79	Gene-Gene Interactions Detection Using a Two-stage Model. *Journal of Computational Biology*, **2015**, 22, 563-76	1.7	5
78	Learning from Proportions of Positive and Unlabeled Examples. *International Journal of Intelligent Systems*, **2017**, 32, 109-133	8.4	5
77	Inference of population structure using genetic markers and a Bayesian model averaging approach for clustering. *Journal of Computational Biology*, **2008**, 15, 207-20	1.7	5
76	Performance evaluation of compromise conditional Gaussian networks for data clustering. *International Journal of Approximate Reasoning*, **2001**, 28, 23-50	3.6	5
75	Multi-start Methods **2015**, 1-21		5
74	Iterative Probabilistic Tree Search for the Minimum Common String Partition Problem. *Lecture Notes in Computer Science*, **2014**, 145-154	0.9	5
73	Robust image classification against adversarial attacks using elastic similarity measures between edge count sequences. *Neural Networks*, **2020**, 128, 61-72	9.1	5
72	An evolutionary discretized Lambert approach for optimal long-range rendezvous considering impulse limit. *Aerospace Science and Technology*, **2019**, 94, 105400	4.9	4
71	An artificial bioindicator system for network intrusion detection. *Artificial Life*, **2015**, 21, 93-118	1.4	4
70	Comprehensive characterization of the behaviors of estimation of distribution algorithms. *Theoretical Computer Science*, **2015**, 598, 64-86	1.1	4
69	Locality-aware policies to improve job scheduling on 3D tori. *Journal of Supercomputing*, **2015**, 71, 966-994	2.5	4
68	Merge Nondominated Sorting Algorithm for Many-Objective Optimization. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	4
67	Optimization of Deep Learning Precipitation Models Using Categorical Binary Metrics. *Journal of Advances in Modeling Earth Systems*, **2020**, 12, e2019MS001909	7.1	4
66	Vine copula classifiers for the mind reading problem. *Progress in Artificial Intelligence*, **2016**, 5, 289-305	4	4
65	Anatomy of the Attraction Basins: Breaking with the Intuition. *Evolutionary Computation*, **2019**, 27, 435-466	4.9	4
64	A preliminary study on EDAs for permutation problems based on marginal-based models **2011**,		4
63	A study on the complexity of TSP instances under the 2-exchange neighbor system **2011**,		4

62	Discriminative Learning of Bayesian Network Classifiers via the TM Algorithm. *Lecture Notes in Computer Science*, **2005**, 148-160	0.9	4
61	Strategies to Map Parallel Applications onto Meshes. *Advances in Intelligent and Soft Computing*, **2010**, 197-204		4
60	Multi-start Methods **2018**, 155-175		4
59	A system for airport weather forecasting based on circular regression trees. *Environmental Modelling and Software*, **2018**, 100, 24-32	5.2	3
58	Efficient approximation of probability distributions with k-order decomposable models. *International Journal of Approximate Reasoning*, **2016**, 74, 58-87	3.6	3
57	A Note on the Behavior of Majority Voting in Multi-Class Domains with Biased Annotators. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 195-200	4.2	3
56	Application-aware metrics for partition selection in cube-shaped topologies. *Parallel Computing*, **2014**, 40, 129-139	1	3
55	A preprocessing procedure for haplotype inference by pure parsimony. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2011**, 8, 1183-95	3	3
54	Component weighting functions for adaptive search with EDAs **2008**,		3
53	IMPLEMENTATION AND PERFORMANCE EVALUATION OF A PARALLELIZATION OF ESTIMATION OF BAYESIAN NETWORK ALGORITHMS. *Parallel Processing Letters*, **2006**, 16, 133-148	0.3	3
52	Discriminative vs. Generative Learning of Bayesian Network Classifiers. *Lecture Notes in Computer Science*, **2007**, 453-464	0.9	3
51	Generating Customized Landscapes in Permutation-Based Combinatorial Optimization Problems. *Lecture Notes in Computer Science*, **2013**, 299-303	0.9	3
50	An Experimental Study in Adaptive Kernel Selection for Bayesian Optimization. *IEEE Access*, **2019**, 7, 184294-184302	3.9	3
49	Multi-Objectivising Combinatorial Optimisation Problems by Means of Elementary Landscape Decompositions. *Evolutionary Computation*, **2019**, 27, 291-311	4.3	3
48	In-depth analysis of SVM kernel learning and its components. *Neural Computing and Applications*, **2021**, 33, 6575-6594	4.8	3
47	Aggregated outputs by linear models: An application on marine litter beaching prediction. *Information Sciences*, **2019**, 481, 381-393	7.7	2
46	Multi-view classification of psychiatric conditions based on saccades. *Applied Soft Computing Journal*, **2015**, 31, 308-316	7.5	2
45	Multi-objectivising the Quadratic Assignment Problem by Means of an Elementary Landscape Decomposition. *Lecture Notes in Computer Science*, **2015**, 289-300	0.9	2

44	A review of message passing algorithms in estimation of distribution algorithms. *Natural Computing*, **2016**, 15, 165-180	1.3	2
43	Two datasets of defect reports labeled by a crowd of annotators of unknown reliability. *Data in Brief*, **2018**, 18, 840-845	1.2	2
42	Estimating attraction basin sizes of combinatorial optimization problems. *Progress in Artificial Intelligence*, **2018**, 7, 369-384	4	2
41	Symmetry in evolutionary and estimation of distribution algorithms **2013**,		2
40	A square lattice probability model for optimising the Graph Partitioning Problem **2017**,		2
39	Transfer weight functions for injecting problem information in the multi-objective CMA-ES. *Memetic Computing*, **2017**, 9, 153-180	3.4	2
38	A fast implementation of the first fit contiguous partitioning strategy for cubic topologies. *Concurrency Computation Practice and Experience*, **2014**, 26, 2792-2810	1.4	2
37	Evolving NK-complexity for evolutionary solvers **2012**,		2
36	Convergence Properties of High-order Boltzmann Machines. *Neural Networks*, **1996**, 9, 1561-1567	9.1	2
35	A Multivariate Time Series Streaming Classifier for Predicting Hard Drive Failures [Application Notes]. *IEEE Computational Intelligence Magazine*, **2022**, 17, 102-114	5.6	2
34	Identifying common treatments from Electronic Health Records with missing information. An application to breast cancer. *PLoS ONE*, **2020**, 15, e0244004	3.7	2
33	Evolving Gaussian Process Kernels for Translation Editing Effort Estimation. *Lecture Notes in Computer Science*, **2020**, 304-318	0.9	2
32	Customized Selection in Estimation of Distribution Algorithms. *Lecture Notes in Computer Science*, **2014**, 94-105	0.9	2
31	A Novel Weakly Supervised Problem: Learning from Positive-Unlabeled Proportions. *Lecture Notes in Computer Science*, **2015**, 3-13	0.9	2
30	Adding Probabilistic Dependencies to the Search of Protein Side Chain Configurations Using EDAs. *Lecture Notes in Computer Science*, **2008**, 1120-1129	0.9	2
29	Analyzing the k Most Probable Solutions in EDAs Based on Bayesian Networks. *Adaptation, Learning, and Optimization*, **2010**, 163-189	0.7	2
28	Fast Fitness Improvements in Estimation of Distribution Algorithms Using Belief Propagation. *Adaptation, Learning, and Optimization*, **2012**, 141-155	0.7	2
27	Understanding Instance Complexity in the Linear Ordering Problem. *Lecture Notes in Computer Science*, **2013**, 479-486	0.9	2

26	Analysis of the sensitivity of the End-Of-Turn Detection task to errors generated by the Automatic Speech Recognition process. *Engineering Applications of Artificial Intelligence*, **2021**, 100, 104189	7.2	2
25	An interactive optimization approach to a real-world oceanographic campaign planning problem. *Applied Intelligence*, **2012**, 36, 721-734	4.9	1
24	Estimation of Bayesian networks algorithms in a class of complex networks **2010**,		1
23	Variable search space for software testing **2003**,		1
22	Message Passing Methods for Estimation of Distribution Algorithms Based on Markov Networks. *Lecture Notes in Computer Science*, **2013**, 419-430	0.9	1
21	A Note on the Boltzmann Distribution and the Linear Ordering Problem. *Lecture Notes in Computer Science*, **2016**, 441-446	0.9	1
20	Estimating Attraction Basin Sizes. *Lecture Notes in Computer Science*, **2016**, 458-467	0.9	1
19	A Review on Parallel Estimation of Distribution Algorithms. *Studies in Computational Intelligence*, **2010**, 143-163	0.8	1
18	Learning from Crowds in Multi-dimensional Classification Domains. *Lecture Notes in Computer Science*, **2013**, 352-362	0.9	1
17	Analyzing the Performance of Allocation Strategies Based on Space-Filling Curves. *Lecture Notes in Computer Science*, **2017**, 232-251	0.9	1
16	Critical Issues in Model-Based Surrogate Functions in Estimation of Distribution Algorithms. *Lecture Notes in Computer Science*, **2013**, 1-13	0.9	1
15	Delineation of site-specific management zones using estimation of distribution algorithms. *International Transactions in Operational Research*,	2.9	1
14	A machine learning approach to predict healthcare cost of breast cancer patients. *Scientific Reports*, **2021**, 11, 12441	4.9	1
13	Effects of Reducing VMs Management Times on Elastic Applications. *Journal of Grid Computing*, **2018**, 16, 513-530	4.2	1
12	Simulation Framework for Orbit Propagation and Space Trajectory Visualization. *IEEE Aerospace and Electronic Systems Magazine*, **2021**, 36, 4-20	2.4	1
11	Time series classifier recommendation by a meta-learning approach. *Pattern Recognition*, **2022**, 128, 108671	7.1	1
10	Bayesian Optimization Approaches for Massively Multi-modal Problems. *Lecture Notes in Computer Science*, **2020**, 383-397	0.9	0
9	Evolution of Gaussian Process kernels for machine translation post-editing effort estimation. *Annals of Mathematics and Artificial Intelligence*, **2021**, 89, 835-856	0.8	0

8	SNDProb: A probabilistic approach for streaming novelty detection. *IEEE Transactions on Knowledge and Data Engineering*, **2022**, 1-1	4.2	0
7	Learning a Battery of COVID-19 Mortality Prediction Models by Multi-objective Optimization. *Lecture Notes in Computer Science*, **2022**, 332-342	0.9	0
6	Software Metrics Mining to Predict the Performance of Estimation of Distribution Algorithms in Test Data Generation. *Studies in Computational Intelligence*, **2008**, 235-254	0.8	
5	Distance-Based Exponential Probability Models for Constrained Combinatorial Problems. *Lecture Notes in Computer Science*, **2018**, 187-197	0.9	
4	Exploring Gaps in DeepFool in Search of More Effective Adversarial Perturbations. *Lecture Notes in Computer Science*, **2020**, 215-227	0.9	
3	Learning Probability Distributions over Permutations by Means of Fourier Coefficients. *Lecture Notes in Computer Science*, **2011**, 186-191	0.9	
2	Multidimensional k-Interaction Classifier: Taking Advantage of All the Information Contained in Low Order Interactions. *Lecture Notes in Computer Science*, **2013**, 393-401	0.9	
1	Gene-Gene Interactions Detection Using a Two-Stage Model. *Lecture Notes in Computer Science*, **2014**, 340-355	0.9	