Josu Ceberio

List of Publications by Year
in descending order

45 papers	**657** citations	1040056 **9** h-index	839539 **18** g-index
45 all docs	**45** docs citations	**45** times ranked	**459** citing authors

#	Article	IF	Citations
1	A Distance-Based Ranking Model Estimation of Distribution Algorithm for the Flowshop Scheduling Problem. IEEE Transactions on Evolutionary Computation, 2014, 18, 286-300.	10.0	111
2	A review on estimation of distribution algorithms in permutation-based combinatorial optimization problems. Progress in Artificial Intelligence, 2012, 1, 103-117.	2.4	100
3	Spacecraft trajectory optimization: A review of models, objectives, approaches and solutions. Progress in Aerospace Sciences, 2018, 102, 76-98.	12.1	99
4	Virtual Network Function Placement Optimization With Deep Reinforcement Learning. IEEE Journal on Selected Areas in Communications, 2020, 38, 292-303.	14.0	74
5	The linear ordering problem revisited. European Journal of Operational Research, 2015, 241, 686-696.	5.7	37
6	Introducing the Mallows Model on Estimation of Distribution Algorithms. Lecture Notes in Computer Science, 2011, , 461-470.	1.3	23
7	The Plackett-Luce ranking model on permutation-based optimization problems. , 2013, , .		21
8	A review of distances for the Mallows and Generalized Mallows estimation of distribution algorithms. Computational Optimization and Applications, 2015, 62, 545-564.	1.6	18
9	Bayesian inference for algorithm ranking analysis. , 2018, , .		16
10	Bayesian performance analysis for black-box optimization benchmarking. , 2019, , .		15
11	Extending distance-based ranking models in estimation of distribution algorithms. , 2014, , .		14
12	Bayesian optimization for parameter tuning in evolutionary algorithms. , 2016, , .		14
13	An evolutionary discretized Lambert approach for optimal long-range rendezvous considering impulse limit. Aerospace Science and Technology, 2019, 94, 105400.	4.8	11
14	Using pairwise precedences for solving the linear ordering problem. Applied Soft Computing Journal, 2020, 87, 105998.	7.2	11
15	Application of Micro-Genetic Algorithm for Task Based Computing. , 2007, , .		10
16	Kernels of Mallows Models for Solving Permutation-based Problems. , 2015, , .		10
17	Algorithm 989. ACM Transactions on Mathematical Software, 2018, 44, 1-13.	2.9	7
18	Kernels of Mallows Models under the Hamming Distance for solving the Quadratic Assignment Problem. Swarm and Evolutionary Computation, 2020, 59, 100740.	8.1	7

#	Article	IF	Citations
19	EDA++: Estimation of Distribution Algorithms With Feasibility Conserving Mechanisms for Constrained Continuous Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 1144-1156.	10.0	7
20	Multi-Objectivising Combinatorial Optimisation Problems by Means of Elementary Landscape Decompositions. Evolutionary Computation, 2019, 27, 291-311.	3.0	6
21	A preliminary study on EDAs for permutation problems based on marginal-based models. , 2011, , .		4
22	A decomposition-based kernel of Mallows models algorithm for bi- and tri-objective permutation flowshop scheduling problem. Applied Soft Computing Journal, 2018, 71, 526-537.	7.2	4
23	Multi-objectivising the Quadratic Assignment Problem by Means of an Elementary Landscape Decomposition. Lecture Notes in Computer Science, 2015, , 289-300.	1.3	3
24	A square lattice probability model for optimising the Graph Partitioning Problem. , 2017, , .		3
25	Balancing the Diversification-Intensification Trade-off Using Mixtures of Probability Models. , 2018, , .		3
26	On the definition of dynamic permutation problems under landscape rotation. , 2019, , .		3
27	On the symmetry of the quadratic assignment problem through elementary landscape decomposition. , 2021, , .		3
28	A Note on the Boltzmann Distribution and the Linear Ordering Problem. Lecture Notes in Computer Science, 2016, , 441-446.	1.3	3
29	Gradient search in the space of permutations. , 2020, , .		3
30	Are we generating instances uniformly at random?. , 2017, , .		2
31	Distance-based exponential probability models on constrained combinatorial optimization problems. , 2018, , .		2
32	Towards the landscape rotation as a perturbation strategy on the quadratic assignment problem. , 2021, , .		2
33	Understanding Instance Complexity in the Linear Ordering Problem. Lecture Notes in Computer Science, 2013, , 479-486.	1.3	2
34	Mixtures of Generalized Mallows models for solving the quadratic assignment problem. , 2015, , .		1
35	Evolutionary algorithms to optimize low-thrust trajectory design in spacecraft orbital precession mission. , 2017, , .		1
36	Are the Artificially Generated Instances Uniform in Terms of Difficulty?. , 2018, , .		1

#	Article	IF	Citations
37	Hybrid Heuristics for the Linear Ordering Problem. , 2019, , .		1
38	Approaching the quadratic assignment problem with kernels of mallows models under the hamming distance. , 2019, , .		1
39	Alternative Representations for Codifying Solutions in Permutation-Based Problems. , 2020, , .		1
40	Exploratory analysis of the Monte Carlo tree search for solving the linear ordering problem. , 2021, , .		1
41	Simulation Framework for Orbit Propagation and Space Trajectory Visualization. IEEE Aerospace and Electronic Systems Magazine, 2021, 36, 4-20.	1.3	1
42	Comparing two samples through stochastic dominance: a graphical approach. Journal of Computational and Graphical Statistics, 0, , 1-38.	1.7	1
43	A Decomposition-Based Local Search Algorithm for Multi-Objective Sequence Dependent Setup Times Permutation Flowshop Scheduling. , 2018, , .		0
44	Distance-Based Exponential Probability Models for Constrained Combinatorial Problems. Lecture Notes in Computer Science, 2018, , 187-197.	1.3	0
45	Zorizko instantzia uniformeak sortzen al dira optimizazio konbinatorioan?. Ekaia (journal), 2018, , 261-277.	0.0	0