

# Manuel Lozano

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/11277979/manuel-lozano-publications-by-year.pdf>

**Version:** 2024-04-27

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.

35  
papers

2,416  
citations

18  
h-index

39  
g-index

39  
ext. papers

2,704  
ext. citations

4.3  
avg, IF

4.99  
L-index

#	Paper	IF	Citations
35	Network reconstruction from betweenness centrality by artificial bee colony. <i>Swarm and Evolutionary Computation</i> , <b>2021</b> , 62, 100851	9.8	0
34	Comments on: Tabu search tutorial. A Graph Drawing Application. <i>Top</i> , <b>2021</b> , 29, 357-362	1.3	
33	Optimizing node infiltrations in complex networks by a local search based heuristic. <i>Computers and Operations Research</i> , <b>2019</b> , 111, 197-213	4.6	2
32	Artificial Bee Colony for optimization of cloud-ready and survivable elastic optical networks. <i>Computer Communications</i> , <b>2018</b> , 128, 35-45	5.1	6
31	Since CEC 2005 competition on real-parameter optimisation: a decade of research, progress and comparative analysis weakness. <i>Soft Computing</i> , <b>2017</b> , 21, 5573-5583	3.5	41
30	Optimizing network attacks by artificial bee colony. <i>Information Sciences</i> , <b>2017</b> , 377, 30-50	7.7	37
29	GRASP with exterior path-relinking and restricted local search for the multidimensional two-way number partitioning problem. <i>Computers and Operations Research</i> , <b>2017</b> , 78, 243-254	4.6	8
28	An alternative artificial bee colony algorithm with destructive/nonconstructive neighbourhood operator for the problem of composing medical crews. <i>Information Sciences</i> , <b>2016</b> , 326, 215-226	7.7	24
27	A genetic algorithm for the minimum generating set problem. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 48, 254-264	7.5	10
26	Tabu search with strategic oscillation for the quadratic minimum spanning tree. <i>IIE Transactions</i> , <b>2014</b> , 46, 414-428		19
25	Strategic oscillation for the quadratic multiple knapsack problem. <i>Computational Optimization and Applications</i> , <b>2014</b> , 58, 161-185	1.4	18
24	An iterated greedy algorithm for the large-scale unrelated parallel machines scheduling problem. <i>Computers and Operations Research</i> , <b>2013</b> , 40, 1829-1841	4.6	56
23	Hybrid Metaheuristics Based on Evolutionary Algorithms and Simulated Annealing: Taxonomy, Comparison, and Synergy Test. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2012</b> , 16, 787-800	15.6	57
22	Arbitrary function optimisation with metaheuristics. <i>Soft Computing</i> , <b>2012</b> , 16, 2115-2133	3.5	29
21	An Artificial Bee Colony Algorithm for the Unrelated Parallel Machines Scheduling Problem. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 143-152	0.9	18
20	Role differentiation and malleable mating for differential evolution: an analysis on large-scale optimisation. <i>Soft Computing</i> , <b>2011</b> , 15, 2109-2126	3.5	24
19	Memetic algorithms based on local search chains for large scale continuous optimisation problems: MA-SSW-Chains. <i>Soft Computing</i> , <b>2011</b> , 15, 2201-2220	3.5	73

18	Analysing the significance of no free lunch theorems on the set of real-world binary problems <b>2011</b> ,		2
17	Memetic algorithms for continuous optimisation based on local search chains. <i>Evolutionary Computation</i> , <b>2010</b> , 18, 27-63	4.3	131
16	MA-SW-Chains: Memetic algorithm based on local search chains for large scale continuous global optimization <b>2010</b> ,		88
15	A GA-based multiple simulated annealing <b>2010</b> ,		4
14	Evaluating a local genetic algorithm as context-independent local search operator for metaheuristics. <i>Soft Computing</i> , <b>2010</b> , 14, 1117-1139	3.5	17
13	Memetic Algorithm with Local Search Chaining for Continuous Optimization Problems: A Scalability Test <b>2009</b> ,		14
12	Continuous Variable Neighbourhood Search Algorithm Based on Evolutionary Metaheuristic Components: A Scalability Test <b>2009</b> ,		4
11	Hybrid crossover operators with multiple descendents for real-coded genetic algorithms: Combining neighborhood-based crossover operators. <i>International Journal of Intelligent Systems</i> , <b>2009</b> , 24, 540-567	8.4	21
10	A study on the use of non-parametric tests for analyzing the evolutionary algorithms behaviour: a case study on the CEC2005 Special Session on Real Parameter Optimization. <i>Journal of Heuristics</i> , <b>2009</b> , 15, 617-644	1.9	1223
9	Study of the Influence of the Local Search Method in Memetic Algorithms for Large Scale Continuous Optimization Problems. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 221-234	0.9	
8	Making CN2-SD subgroup discovery algorithm scalable to large size data sets using instance selection. <i>Expert Systems With Applications</i> , <b>2008</b> , 35, 1949-1965	7.8	17
7	Memetic Algorithm for Intense Local Search Methods Using Local Search Chains. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 58-71	0.9	7
6	Evolutionary stratified training set selection for extracting classification rules with trade off precision-interpretability. <i>Data and Knowledge Engineering</i> , <b>2007</b> , 60, 90-108	1.5	73
5	Local Search Based on Genetic Algorithms <b>2007</b> , 199-221		11
4	A Local Genetic Algorithm for Binary-Coded Problems. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 192-201	0.9	5
3	Stratification for scaling up evolutionary prototype selection. <i>Pattern Recognition Letters</i> , <b>2005</b> , 26, 953-963	4.63	88
2	Real-coded memetic algorithms with crossover hill-climbing. <i>Evolutionary Computation</i> , <b>2004</b> , 12, 273-302	4.3	245
1	GENERATING FUZZY RULES FROM EXAMPLES USING GENETIC ALGORITHMS. <i>Advances in Fuzzy Systems</i> , <b>1995</b> , 11-20		18

