

# Dirk Thierens

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

409  
citations

11  
h-index

20  
g-index

26  
ext. papers

485  
ext. citations

2.4  
avg, IF

3.63  
L-index

#	Paper	IF	Citations
24	Scalability problems of simple genetic algorithms. <i>Evolutionary Computation</i> , <b>1999</b> , 7, 331-52	4.3	94
23	Multi-objective optimization with diversity preserving mixture-based iterated density estimation evolutionary algorithms. <i>International Journal of Approximate Reasoning</i> , <b>2002</b> , 31, 259-289	3.6	73
22	Expanding from Discrete to Continuous Estimation of Distribution Algorithms: The ID( $\mathbb{E}$ )A. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 767-776	0.9	54
21	Enhancing the Performance of Maximum Likelihood Gaussian EDAs Using Anticipated Mean Shift. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 133-143	0.9	37
20	Benchmarking parameter-free AMaLGaM on functions with and without noise. <i>Evolutionary Computation</i> , <b>2013</b> , 21, 445-69	4.3	27
19	The Naive ( $\mathbb{M}$ )ID( $\mathbb{E}$ )A: A Baseline Multi-objective EA. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 428-442	0.9	24
18	Using Genetic Algorithms for Solving Hard Problems in GIS. <i>Geoinformatica</i> , <b>2002</b> , 6, 381-413	2.5	16
17	Pairwise and problem-specific distance metrics in the linkage tree genetic algorithm <b>2011</b> ,		13
16	Hierarchical Genetic Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 232-241	0.9	12
15	The roles of local search, model building and optimal mixing in evolutionary algorithms from a bbo perspective <b>2011</b> ,		11
14	Expanding from Discrete Cartesian to Permutation Gene-pool Optimal Mixing Evolutionary Algorithms <b>2016</b> ,		11
13	Evolutionary Markov Chain Monte Carlo. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 63-76	0.9	8
12	Recombination operators and selection strategies for evolutionary Markov Chain Monte Carlo algorithms. <i>Evolutionary Intelligence</i> , <b>2010</b> , 3, 79-101	1.7	5
11	Exploring trade-offs between target coverage, healthy tissue sparing, and the placement of catheters in HDR brachytherapy for prostate cancer using a novel multi-objective model-based mixed-integer evolutionary algorithm <b>2017</b> ,		4
10	On the design and analysis of competent selecto-recombinative GAs. <i>Evolutionary Computation</i> , <b>2004</b> , 12, 243-67	4.3	4
9	GAMBIT: A Parameterless Model-Based Evolutionary Algorithm for Mixed-Integer Problems. <i>Evolutionary Computation</i> , <b>2018</b> , 26, 117-143	4.3	3
8	Multi-objective Optimization with the Naive ( $\mathbb{M}$ ) ID( $\mathbb{E}$ )A. <i>Studies in Fuzziness and Soft Computing</i> , <b>2006</b> , 123-157	0.7	3

7	A Clustering-Based Model-Building EA for Optimization Problems with Binary and Real-Valued Variables <b>2015</b> ,		2
6	On the Use of a Non-redundant Encoding for Learning Bayesian Networks from Data with a GA. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 141-150	0.9	2
5	Combining Model-Based EAs for Mixed-Integer Problems. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 342-354		2
4	A reliable ensemble based approach to semi-supervised learning. <i>Knowledge-Based Systems</i> , <b>2021</b> , 215, 106738	7.3	2
3	Learning Probabilistic Models for Enhanced Evolutionary Computation. <i>Studies in Fuzziness and Soft Computing</i> , <b>2005</b> , 147-176	0.7	1
2	Multi-objective Optimization with the Naive MIDEA <b>2006</b> , 123-157		
1	A semi-supervised decision support system to facilitate antibiotic stewardship for urinary tract infections. <i>Computers in Biology and Medicine</i> , <b>2022</b> , 146, 105621	7	