

# Alberto Moraglio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9470981/publications.pdf>

Version: 2024-02-01

48  
papers

832  
citations

840585

11  
h-index

887953

17  
g-index

51  
all docs

51  
docs citations

51  
times ranked

424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric Semantic Genetic Programming. Lecture Notes in Computer Science, 2012, , 21-31.	1.0	233
2	Topological Interpretation of Crossover. Lecture Notes in Computer Science, 2004, , 1377-1388.	1.0	75
3	Geometric Particle Swarm Optimisation. Lecture Notes in Computer Science, 2007, , 125-136.	1.0	61
4	Geometric Crossovers for Multiway Graph Partitioning. Evolutionary Computation, 2007, 15, 445-474.	2.3	46
5	Geometric particle swarm optimization for the sudoku puzzle. , 2007, , .		34
6	Abstract convex evolutionary search. , 2011, , .		29
7	A theoretical and empirical study on unbiased boundary-extended crossover for real-valued representation. Information Sciences, 2012, 183, 48-65.	4.0	23
8	Topological crossover for the permutation representation. , 2005, , .		22
9	Runtime analysis of mutation-based geometric semantic genetic programming for basis functions regression. , 2013, , .		22
10	Geometric Generalization of the Nelder-Mead Algorithm. Lecture Notes in Computer Science, 2010, , 190-201.	1.0	22
11	Geometric differential evolution. , 2009, , .		21
12	Runtime analysis of mutation-based geometric semantic genetic programming on boolean functions. , 2013, , .		19
13	Quotient geometric crossovers and redundant encodings. Theoretical Computer Science, 2012, 425, 4-16.	0.5	17
14	Geometric Differential Evolution on the Space of Genetic Programs. Lecture Notes in Computer Science, 2010, , 171-183.	1.0	16
15	Geometric PSO + GP = Particle Swarm Programming. , 2008, , .		14
16	Principled Design and Runtime Analysis of Abstract Convex Evolutionary Search. Evolutionary Computation, 2017, 25, 205-236.	2.3	12
17	Geometric crossover for the permutation representation. Intelligenza Artificiale, 2011, 5, 49-63.	1.0	11
18	Evolving recursive programs using non-recursive scaffolding. , 2012, , .		10

#	ARTICLE	IF	CITATIONS
19	Geometric Generalisation of Surrogate Model-Based Optimisation to Combinatorial and Program Spaces. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-10.	0.6	10
20	Inbreeding Properties of Geometric Crossover and Non-geometric Recombinations. <i>Lecture Notes in Computer Science</i> , 2007, , 1-14.	1.0	10
21	Geometric surrogate-based optimisation for permutation-based problems. , 2011, , .		8
22	Geometric crossover for multiway graph partitioning. , 2006, , .		7
23	A gaussian random field model of smooth fitness landscapes. , 2009, , .		7
24	Runtime analysis of convex evolutionary search. , 2012, , .		7
25	Strength Through Diversity. , 2015, , .		7
26	Theory-laden design of mutation-based Geometric Semantic Genetic Programming for learning classification trees. , 2013, , .		6
27	Generalized cycle crossover for graph partitioning. , 2006, , .		5
28	Linear selection. , 2007, , .		3
29	Geometric particle swarm optimisation on binary and real spaces. , 2007, , .		3
30	Geometric crossovers for real-code representation. , 2007, , .		3
31	Inertial geometric particle swarm optimization. , 2009, , .		3
32	Geometric nelder-mead algorithm on the space of genetic programs. , 2011, , .		3
33	Semantic Genetic Programming. , 2015, , .		3
34	Geometric Particle Swarm Optimization for Multi-objective Optimization Using Decomposition. , 2016, , .		3
35	Geometric semantic genetic programming for recursive boolean programs. , 2017, , .		3
36	Geometric Nelder-Mead Algorithm for the permutation representation. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
37	Geometry of evolutionary algorithms. , 2011, , .		2
38	Geometry of evolutionary algorithms. , 2012, , .		2
39	Genetic and Evolutionary Computation. Theoretical Computer Science, 2015, 561, 1-2.	0.5	2
40	PSXO. , 2017, , .		2
41	Geometric Semantic Grammatical Evolution. , 2018, , 163-188.		2
42	Semantic Genetic Programming. , 2016, , .		1
43	Bridging Elementary Landscapes and a Geometric Theory of Evolutionary Algorithms: First Steps. Lecture Notes in Computer Science, 2018, , 194-206.	1.0	1
44	Linear selection. , 2007, , .		0
45	A Unifying View on Recombination Spaces and Abstract Convex Evolutionary Search. Lecture Notes in Computer Science, 2019, , 179-195.	1.0	0
46	Runtime analysis of abstract evolutionary search with standard crossover. , 2019, , .		0
47	Semantic genetic programming. , 2019, , .		0
48	Semantic genetic programming. , 2020, , .		0