Mihai Oltean

List of Publications by Year
in descending order

49 papers	829 citations	758635 12 h-index	525886 27 g-index
55 all docs	55 docs citations	55 times ranked	560 citing authors

#	Article	IF	Citations
1	Fruit recognition from images using deep learning. Acta Universitatis Sapientiae: Informatica, 2018, 10, 26-42.	0.3	232
2	An optical solution for the set splitting problem. Acta Universitatis Sapientiae: Informatica, 2017, 9, 134-143.	0.3	0
3	Optical SuperComputing: Preface to special issue. Natural Computing, 2015, 14, 431-432.	1.8	0
4	Optical supercomputing: introduction to special issue. Journal of Supercomputing, 2012, 62, 617-619.	2.4	0
5	Friction-based sorting. Natural Computing, 2011, 10, 527-539.	1.8	1
6	An Optical Solution for the SAT Problem. Lecture Notes in Computer Science, 2011, , 53-62.	1.0	3
7	Introduction to special issue on Optical SuperComputing. Natural Computing, 2010, 9, 889-890.	1.8	0
8	Light-based string matching. Natural Computing, 2009, 8, 121-132.	1.8	11
9	Solving the subset-sum problem with a light-based device. Natural Computing, 2009, 8, 321-331.	1.8	30
10	Evolutionary design of Evolutionary Algorithms. Genetic Programming and Evolvable Machines, 2009, 10, 263-306.	1.5	37
11	An autonomous GP-based system for regression and classification problems. Applied Soft Computing Journal, 2009, 9, 49-60.	4.1	21
12	GENETIC PROGRAMMING WITH LINEAR REPRESENTATION: A SURVEY. International Journal on Artificial Intelligence Tools, 2009, 18, 197-238.	0.7	29
13	Evolutionary Design of Graph-Based Structures for Optical Computing. Lecture Notes in Computer Science, 2009, , 56-69.	1.0	0
14	Solving the Hamiltonian path problem with a light-based computer. Natural Computing, 2008, 7, 57-70.	1.8	58
15	Exact Cover with Light. New Generation Computing, 2008, 26, 329-346.	2.5	23
16	Solving NP-Complete Problems with Delayed Signals: An Overview of Current Research Directions. Lecture Notes in Computer Science, 2008, , 115-127.	1.0	5
17	What Else Is the Evolution of PSO Telling Us?. Journal of Artificial Evolution and Applications, 2008, 2008, 1-12.	1.8	6
18	Who's better? PESA or NSGA II?. , 2007, , .		1

#	Article	IF	Citations
19	Processing Bank Checks with Genetic Programming and Histograms. , 2007, , .		1
20	Observing the swarm behaviour during its evolutionary design. , 2007, , .		1
21	Evolving evolutionary algorithms using evolutionary algorithms. , 2007, , .		9
22	Best SubTree genetic programming. , 2007, , .		6
23	EVOLVING THE UPDATE STRATEGY OF THE PARTICLE SWARM OPTIMISATION ALGORITHMS. International Journal on Artificial Intelligence Tools, 2007, 16, 87-109.	0.7	2
24	Genetically designed multiple-kernels for improving the SVM performance. , 2007, , .		5
25	An Approach to Optimize Local Trust Algorithm in SureMsg Service. , 2007, , .		3
26	Solving the even-n-parity problems using Best SubTree Genetic Programming. , 2007, , .		5
27	Who's better? PESA or NSGA II?. , 2007, , .		0
28	A-Brain: a general system for solving data analysis problems. Journal of Experimental and Theoretical Artificial Intelligence, 2007, 19, 333-353.	1.8	2
29	Using traceless genetic programming for solving multi-objective optimization problems. Journal of Experimental and Theoretical Artificial Intelligence, 2007, 19, 227-248.	1.8	2
30	Improving SVM Performance Using a Linear Combination of Kernels. Lecture Notes in Computer Science, 2007, , 218-227.	1.0	10
31	Evolving Evolutionary Algorithms with Patterns. Soft Computing, 2007, 11, 503-518.	2.1	12
32	Liquid State Genetic Programming. Lecture Notes in Computer Science, 2007, , 220-229.	1.0	1
33	Switchable Glass: A Possible Medium for Evolvable Hardware. , 2006, , .		5
34	A-Brain. , 2006, , .		0
35	Evolving Crossover Operators for Function Optimization. Lecture Notes in Computer Science, 2006, , 97-108.	1.0	12
36	Evolving the Structure of the Particle Swarm Optimization Algorithms. Lecture Notes in Computer Science, 2006, , 25-36.	1.0	20

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37	A Light-Based Device for Solving the Hamiltonian Path Problem. Lecture Notes in Computer Science, 2006, , 217-227.	1.0	18
38	Adaptive representation for single objective optimization. Soft Computing, 2005, 9, 594-605.	2.1	6
39	Evolving Evolutionary Algorithms Using Linear Genetic Programming. Evolutionary Computation, 2005, 13, 387-410.	2.3	108
40	Multiobjective optimization using adaptive Pareto archived evolution strategy. , 2005, , .		9
41	Improving Multi Expression Programming: An Ascending Trail from Sea-Level Even-3-Parity Problem to Alpine Even-18-Parity Problem. , 2005, , 229-256.		3
42	Evolving Reversible Circuits for the Even-Parity Problem. Lecture Notes in Computer Science, 2005, , 225-234.	1.0	2
43	Evolving TSP Heuristics Using Multi Expression Programming. Lecture Notes in Computer Science, 2004, , 670-673.	1.0	9
44	Designing Digital Circuits for the Knapsack Problem. Lecture Notes in Computer Science, 2004, , 1257-1264.	1.0	3
45	Encoding Multiple Solutions in a Linear Genetic Programming Chromosome. Lecture Notes in Computer Science, 2004, , 1281-1288.	1.0	11
46	Searching for a Practical Evidence of the No Free Lunch Theorems. Lecture Notes in Computer Science, 2004, , 472-483.	1.0	8
47	Evolving Evolutionary Algorithms Using Multi Expression Programming. Lecture Notes in Computer Science, 2003, , 651-658.	1.0	54
48	Solving Classification Problems Using Infix Form Genetic Programming. Lecture Notes in Computer Science, 2003, , 242-253.	1.0	8
49	Evolving digital circuits using multi expression programming. , 0, , .		26