

Masaharu Munetomo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/12052785/masaharu-munetomo-publications-by-citations.pdf>

Version: 2024-04-29

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.

28

papers

267

citations

9

h-index

16

g-index

31

ext. papers

313

ext. citations

2.7

avg, IF

2.93

L-index

#	Paper	IF	Citations
28	Linkage identification by non-monotonicity detection for overlapping functions. <i>Evolutionary Computation</i> , 1999 , 7, 377-98	4.3	73
27	Hybrid of genetic algorithm and local search to solve MAX-SAT problem using nVidia CUDA framework. <i>Genetic Programming and Evolvable Machines</i> , 2009 , 10, 391-415	2	40
26	An adaptive parameter binary-real coded genetic algorithm for constraint optimization problems: Performance analysis and estimation of optimal control parameters. <i>Information Sciences</i> , 2013 , 233, 54-86	7.7	30
25	A Survey: Genetic Algorithms and the Fast Evolving World of Parallel Computing 2008 ,		16
24	Linkage identification by fitness difference clustering. <i>Evolutionary Computation</i> , 2006 , 14, 383-409	4.3	16
23	Linkage Identification by Nonlinearity Check for Real-Coded Genetic Algorithms. <i>Lecture Notes in Computer Science</i> , 2004 , 222-233	0.9	14
22	Advanced genetic algorithm to solve MINLP problems over GPU 2011 ,		10
21	Optimization of parallel Genetic Algorithms for nVidia GPUs 2011 ,		10
20	Screening for FtsZ Dimerization Inhibitors Using Fluorescence Cross-Correlation Spectroscopy and Surface Resonance Plasmon Analysis. <i>PLoS ONE</i> , 2015 , 10, e0130933	3.7	9
19	The design, usage, and performance of GridUFO: A Grid based Unified Framework for Optimization. <i>Future Generation Computer Systems</i> , 2010 , 26, 633-644	7.5	9
18	An improved binary-real coded genetic algorithm for real parameter optimization 2011 ,		7
17	An adaptive resolution hybrid binary-real coded genetic algorithm. <i>Artificial Life and Robotics</i> , 2011 , 16, 121-124	0.6	6
16	Linkage Analysis in Genetic Algorithms. <i>Studies in Computational Intelligence</i> , 2008 , 251-279	0.8	5
15	Multi-Level Autonomic Architecture for the Management of Virtualized Application Environments in Cloud Platforms 2011 ,		4
14	A Mixed-Integer Extension for ESA's Cassini1 Space Mission Benchmark 2019 ,		3
13	Toward a Genetic Algorithm Based Flexible Approach for the Management of Virtualized Application Environments in Cloud Platforms 2012 ,		3
12	Optimization problem solving framework employing GAs with linkage identification over a grid environment 2007 ,		3

11	Multi-objective Evolutionary optimization based on Decomposition with Linkage Identification considering monotonicity 2017 ,		2
10	A Framework for Cloud Embedded Web Services Utilized by Cloud Applications 2011 ,		1
9	A Bayesian Optimization Algorithm for De Novo ligand design based docking running over GPU 2010 ,		1
8	Realizing robust and scalable evolutionary algorithms toward exascale era 2011 ,		1
7	Population Sizing of Dependency Detection by Fitness Difference Classification. <i>Lecture Notes in Computer Science</i> , 2005 , 282-299	0.9	1
6	arGA: Adaptive Resolution Micro-genetic Algorithm with Tabu Search to Solve MINLP Problems Using GPU. <i>Natural Computing Series</i> , 2013 , 83-104	2.5	1
5	GTOPX space mission benchmarks. <i>SoftwareX</i> , 2021 , 14, 100666	2.7	1
4	Evaluation of Three Steady-State NSGA-III Offspring Selection Schemes for Many-Objective Optimization 2016 ,		1
3	A GPU Accelerated Fragment-based De Novo Ligand Design by a Bayesian Optimization Algorithm. <i>IPSJ Transactions on Bioinformatics</i> , 2012 , 5, 7-17	1.3	
2	A Network Design Problem by a GA with Linkage Identification and Recombination for Overlapping Building Blocks. <i>Studies in Computational Intelligence</i> , 2008 , 441-459	0.8	
1	410 Study of a light-received system with configuration of a plant shoot. <i>The Proceedings of the Symposium on Environmental Engineering</i> , 2012 , 2012.22, 277-278	0	