Rachid Chelouah

List of Publications by Year
in descending order

23 papers	1,272 citations	759233 12 h-index	794594 19 g-index
24 all docs	24 docs citations	24 times ranked	1150 citing authors

#	Article	IF	Citations
1	Model‐driven architecture based security analysis. Systems Engineering, 2021, 24, 307-321.	2.7	3
2	A sensitivity analysis indicator to adapt the shift length in a metaheuristic. , 2020, , .		0
3	Transformation-Based Approach to Security Verification for Cyber-Physical Systems. IEEE Systems Journal, 2019, 13, 3989-4000.	4.6	12
4	A sensitivity analysis method aimed at enhancing the metaheuristics for continuous optimization. Artificial Intelligence Review, 2018, 50, 625-647.	15.7	10
5	Attack Modeling and Verification for Connected System Security. , 2018, , .		1
6	Adaptive pattern search for large-scale optimization. Applied Intelligence, 2017, 47, 319-330.	5.3	10
7	Communicating embedded systems modeling and validation. , 2017, , .		2
8	A modified sensitivity analysis method for driving a multidimensional search in the Artificial Bee Colony algorithm. , 2016, , .		1
9	A sensitivity analysis method for driving the Artificial Bee Colony algorithm's search process. Applied Soft Computing Journal, 2016, 41, 515-531.	7.2	29
10	Convergence proof of an enhanced Particle Swarm Optimisation method integrated with Evolutionary Game Theory. Information Sciences, 2016, 346-347, 389-411.	6.9	27
11	Computing Molecular Signatures as Optima of a Bi-Objective Function: Method and Application to Prediction in Oncogenomics. Cancer Informatics, 2015, 14, CIN.S21111.	1.9	6
12	A genetic algorithm for multi-objective optimisation in workflow scheduling with hard constraints. International Journal of Metaheuristics, 2013, 2, 415.	0.1	25
13	Multi-Objective Approach for Energy-Aware Workflow Scheduling in Cloud Computing Environments. Scientific World Journal, The, 2013, 2013, 1-13.	2.1	118
14	A Swarm Intelligence Method Combined to Evolutionary Game Theory Applied to the Resources Allocation Problem. International Journal of Swarm Intelligence Research, 2012, 3, 20-38.	0.7	20
15	EM323: a line search based algorithm for solving high-dimensional continuous non-linear optimization problems. Soft Computing, 2011, 15, 2275-2285.	3.6	26
16	Unidimensional Search for Solving Continuous High-Dimensional Optimization Problems. , 2009, , .		13
17	Meta-heuristics for System Design Engineering. Studies in Computational Intelligence, 2009, , 387-423.	0.9	3
18	Ant colony algorithm hybridized with tabu and greedy searches as applied to multi-objective optimization in project management. Journal of Heuristics, 2007, 13, 640-640.	1.4	5

#	Article	IF	Citations
19	A hybrid method combining continuous tabu search and Nelderâ€"Mead simplex algorithms for the global optimization of multiminima functions. European Journal of Operational Research, 2005, 161, 636-654.	5.7	134
20	The design of the global navigation satellite system surveying networks using genetic algorithms. Engineering Applications of Artificial Intelligence, 2004, 17, 111-122.	8.1	60
21	Genetic and Nelderâ€"Mead algorithms hybridized for a more accurate global optimization of continuous multiminima functions. European Journal of Operational Research, 2003, 148, 335-348.	5.7	254
22	Tabu Search applied to global optimization. European Journal of Operational Research, 2000, 123, 256-270.	5.7	274
23	A Continuous Genetic Algorithm Designed for the Global Optimization of Multimodal Functions. Journal of Heuristics, 2000, 6, 191-213.	1.4	238