Pierre Borne

List of Publications by Year
in descending order

23 papers	815 citations	933447 10 h-index	1058476 14 g-index
26 all docs	26 docs citations	26 times ranked	604 citing authors

#	ARTICLE	IF	CITATIONS
1	Pareto-optimality approach for flexible job-shop scheduling problems: hybridization of evolutionary algorithms and fuzzy logic. Mathematics and Computers in Simulation, 2002, 60, 245-276.	4.4	443
2	On observer-based secure communication design using discrete-time hyperchaotic systems. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1424-1432.	3.3	91
3	Choquet integral for criteria aggregation in the flexible job-shop scheduling problems. Mathematics and Computers in Simulation, 2008, 76, 447-462.	4.4	39
4	Optimisation of the multi-depots pick-up and delivery problems with time windows and multi-vehicles using PSO algorithm. International Journal of Production Research, 2020, 58, 4201-4214.	7.5	31
5	A general scheme for multi-model controller using trust. Mathematics and Computers in Simulation, 1996, 41, 173-186.	4.4	30
6	A new approach for multimodel identification of complex systems based on both neural and fuzzy clustering algorithms. Engineering Applications of Artificial Intelligence, 2010, 23, 1064-1071.	8.1	30
7	A Neural Approach of Multimodel Representation of Complex Processes. International Journal of Computers, Communications and Control, 2014, 3, 149.	1.8	28
8	Choice of conjunctive operator of TSK fuzzy systems and stability domain study. Mathematics and Computers in Simulation, 2008, 76, 410-421.	4.4	25
9	New Discrete Tanaka Sugeno Kang Fuzzy Systems Characterization and Stability Domain. International Journal of Computers, Communications and Control, 2014, 1, 9.	1.8	19
10	Distributed genetic algorithm for disaster relief planning. International Journal of Computers, Communications and Control, 2013, 8, 769.	1.8	14
11	A systematic determination approach of a models' base for uncertain systems: experimental validation. , 2002, , .		11
12	Multi-Objective Optimization for the m-PDPTW: Aggregation Method With Use of Genetic Algorithm and Lower Bounds. International Journal of Computers, Communications and Control, 2014, 6, 246.	1.8	10
13	A decomposition-based artificial bee colony algorithm for the multi-objective flexible jobshop scheduling problem. Engineering Optimization, 2022, 54, 524-538.	2.6	8
14	Synchronization of discrete-time hyperchaotic maps based on aggregation technique for encryption. , 2012, , .		5
15	Aggregative Approach for the Multiobjective Optimization Flexible Job-Shop Scheduling Problems. , 2006, , .		4
16	Insertion of new depot locations for the optimization of multi-vehicles multi-depots pickup and Delivery Problems using Genetic Algorithm. , 2015, , .		4
17	Heuristic approach for the optimization of the dynamic multi-vehicle pickup and delivery problem with Time Windows. , 2015, , .		4
18	A Taboo Search Optimization of the Control Law of Nonlinear Systems with Bounded Uncertainties. International Journal of Computers, Communications and Control, 2016, 11, 224.	1.8	3

#	Article	IF	Citations
19	METAHEURISTICS FOR THE OPTIMIZATION IN PLANNING AND SCHEDULING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 1-7.	0.4	2
20	New approach for the control and the determination of attractors for nonlinear systems. , 2013, , .		2
21	Main Metaheuristics Used for the Optimization of the Control of the Complex Systems. Springer Optimization and Its Applications, 2019, , 31-49.	0.9	1
22	A New Multimodel Approach for Complex Processes Modeling Based on Classification Algorithms: Experimental Validation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 480-486.	0.4	0
23	Distributed and Guided Genetic Algorithm for Humanitarian Relief Planning in Disaster Case. Advances in Intelligent Systems and Computing, 2014, , 149-156.	0.6	0