Tadahiko Murata

List of Publications by Year
in descending order

30 papers	1,752 citations	933264 10 h-index	940416 16 g-index
30 all docs	30 docs citations	30 times ranked	1017 citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Individual Households by Prefecture Considering Statistics of Local Governments. Transactions of the Society of Instrument and Control Engineers, 2022, 58, 281-289.	0.1	0
2	Synthetic Method for Population of A Prefecture Using Statistics of Local Governments. , 2018, , .		1
3	Synthesizing Large-scale Household Composition Considering Family Type and Role in Household. Transactions of the Society of Instrument and Control Engineers, 2018, 54, 705-717.	0.1	0
4	Income allocation to each worker in synthetic populations using basic survey on wage structure. , 2017, , .		5
5	Projecting Households of Synthetic Population on Buildings Using Fundamental Geospatial Data. SICE Journal of Control Measurement and System Integration, 2017, 10, 505-512.	0.4	10
6	Comparing Transition Procedures in Modified Simulated-Annealing-Based Synthetic Reconstruction Method without Samples. SICE Journal of Control Measurement and System Integration, 2017, 10, 513-519.	0.4	10
7	Modified SA-based household reconstruction from statistics for agent-based social simulations. , 2016, , .		4
8	Designing simulated annealing and evolutionary algorithm for estimating attributes of residents from statistics. , 2015, , .		1
9	Awareness in Brain, Society, and Beyond: A Bridge Connecting Raw Data to Perception and Cognition. IEEE Systems, Man, and Cybernetics Magazine, 2015, 1, 8-16.	1.2	11
10	A Microsimulation Tool for Airport Selection using Public Data on the Web. The Review of Socionetwork Strategies, 2014, 8, 85-99.	1.0	0
11	Airport selection from multiple airports using social awareness approach: A case study in Kinki Region, Japan. , 2014, , .		1
12	Estimating agents' attributes using simulated annealing from statistics to realize social awareness. , 2014, , .		9
13	Making a Practical Policy Proposal for Polling Place Assignment Using Voting Simulation Tool. SICE Journal of Control Measurement and System Integration, 2013, 6, 124-130.	0.4	11
14	Agent-Based Simulation for Pension System in Japan. , 2013, , 183-197.		5
15	Voting Simulation for Improving Voter Turnout and Reducing the Number of Polling Places. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2010, 22, 203-210.	0.0	3
16	Examination of the performance of objective reduction using correlation-based weighted-sum for many objective knapsack problems. , 2010, , .		9
17	Many-Objective Optimization for Knapsack Problems Using Correlation-Based Weighted Sum Approach. Lecture Notes in Computer Science, 2009, , 468-480.	1.0	7
18	Three-objective genetics-based machine learning for linguistic rule extraction. Information Sciences, 2001, 136, 109-133.	4.0	262

#	Article	IF	Citations
19	Specification of Genetic Search Directions in Cellular Multi-objective Genetic Algorithms. Lecture Notes in Computer Science, 2001, , 82-95.	1.0	120
20	Multiobjective Optimization in Linguistic Rule Extraction from Numerical Data. Lecture Notes in Computer Science, 2001, , 588-602.	1.0	9
21	Techniques and Applications of Genetic Algorithm-Based Methods for Designing Compact Fuzzy Classification Systems. , 1999, , 1081-1109.		9
22	Formulation of Multi-Objective Fuzzy Scheduling Problems with Job Importance Grades. Journal of Japan Society for Fuzzy Theory and Systems, 1999, 11, 512-520.	0.0	0
23	Multi-objective scheduling with fuzzy due-date. Computers and Industrial Engineering, 1998, 35, 439-442.	3.4	23
24	Performance evaluation of fuzzy rule-based classification systems obtained by multi-objective genetic algorithms. Computers and Industrial Engineering, 1998, 35, 575-578.	3.4	18
25	Formulation of Multi-Objective Scheduling Problems Using Fuzzy Due-Date. Journal of Japan Society for Fuzzy Theory and Systems, 1997, 9, 995-1004.	0.0	1
26	Genetic-Algorithm-Based Approaches to Classification Problems. , 1997, , 127-153.		1
27	Single-objective and two-objective genetic algorithms for selecting linguistic rules for pattern classification problems. Fuzzy Sets and Systems, 1997, 89, 135-150.	1.6	335
28	Multi-objective genetic algorithm and its applications to flowshop scheduling. Computers and Industrial Engineering, 1996, 30, 957-968.	3.4	431
29	Genetic algorithms for flowshop scheduling problems. Computers and Industrial Engineering, 1996, 30, 1061-1071.	3.4	328
30	Genetic algorithms and neighborhood search algorithms for fuzzy flowshop scheduling problems. Fuzzy Sets and Systems, 1994, 67, 81-100.	1.6	128