

Tadahiko Murata

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Multi-objective genetic algorithm and its applications to flowshop scheduling. Computers and Industrial Engineering, 1996, 30, 957-968. | 3.4 | 431 |
| 2 | 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 |
| 3 | Genetic algorithms for flowshop scheduling problems. Computers and Industrial Engineering, 1996, 30, 1061-1071. | 3.4 | 328 |
| 4 | Three-objective genetics-based machine learning for linguistic rule extraction. Information Sciences, 2001, 136, 109-133. | 4.0 | 262 |
| 5 | Genetic algorithms and neighborhood search algorithms for fuzzy flowshop scheduling problems. Fuzzy Sets and Systems, 1994, 67, 81-100. | 1.6 | 128 |
| 6 | Specification of Genetic Search Directions in Cellular Multi-objective Genetic Algorithms. Lecture Notes in Computer Science, 2001, , 82-95. | 1.0 | 120 |
| 7 | Multi-objective scheduling with fuzzy due-date. Computers and Industrial Engineering, 1998, 35, 439-442. | 3.4 | 23 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Techniques and Applications of Genetic Algorithm-Based Methods for Designing Compact Fuzzy Classification Systems. , 1999, , 1081-1109. | | 9 |
| 14 | Examination of the performance of objective reduction using correlation-based weighted-sum for many objective knapsack problems. , 2010, , . | | 9 |
| 15 | Estimating agents' attributes using simulated annealing from statistics to realize social awareness. , 2014, , . | | 9 |
| 16 | Multiobjective Optimization in Linguistic Rule Extraction from Numerical Data. Lecture Notes in Computer Science, 2001, , 588-602. | 1.0 | 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 | Income allocation to each worker in synthetic populations using basic survey on wage structure. , 2017, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Agent-Based Simulation for Pension System in Japan. , 2013, , 183-197. | | 5 |
| 20 | Modified SA-based household reconstruction from statistics for agent-based social simulations. , 2016, , . | | 4 |
| 21 | 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 |
| 22 | 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 |
| 23 | Genetic-Algorithm-Based Approaches to Classification Problems. , 1997, , 127-153. | | 1 |
| 24 | Airport selection from multiple airports using social awareness approach: A case study in Kinki Region, Japan. , 2014, , . | | 1 |
| 25 | Designing simulated annealing and evolutionary algorithm for estimating attributes of residents from statistics. , 2015, , . | | 1 |
| 26 | Synthetic Method for Population of A Prefecture Using Statistics of Local Governments. , 2018, , . | | 1 |
| 27 | 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 |
| 28 | A Microsimulation Tool for Airport Selection using Public Data on the Web. The Review of Socionetwork Strategies, 2014, 8, 85-99. | 1.0 | 0 |
| 29 | 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 |
| 30 | 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 |