

Ming-Hua Lin

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

490
citations

759233

12
h-index

677142

22
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28
all docs

28
docs citations

28
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Deterministic Optimization Methods in Engineering and Management. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-15.	1.1	78
2	A Review of Piecewise Linearization Methods. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-8.	1.1	69
3	On generalized geometric programming problems with non-positive variables. <i>European Journal of Operational Research</i> , 2007, 178, 10-19.	5.7	38
4	Range reduction techniques for improving computational efficiency in global optimization of signomial geometric programming problems. <i>European Journal of Operational Research</i> , 2012, 216, 17-25.	5.7	33
5	A Hybrid Spherical Fuzzy MCDM Approach to Prioritize Governmental Intervention Strategies against the COVID-19 Pandemic: A Case Study from Vietnam. <i>Mathematics</i> , 2021, 9, 2626.	2.2	31
6	Global optimization of signomial mixed-integer nonlinear programming problems with free variables. <i>Journal of Global Optimization</i> , 2008, 42, 39-49.	1.8	30
7	A global optimization approach for solving three-dimensional open dimension rectangular packing problems. <i>Optimization</i> , 2015, 64, 2601-2618.	1.7	25
8	A Hybrid Model with Spherical Fuzzy-AHP, PLS-SEM and ANN to Predict Vaccination Intention against COVID-19. <i>Mathematics</i> , 2021, 9, 3075.	2.2	22
9	An Efficient Global Approach for Posynomial Geometric Programming Problems. <i>INFORMS Journal on Computing</i> , 2011, 23, 483-492.	1.7	19
10	Design Optimization of a Speed Reducer Using Deterministic Techniques. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-7.	1.1	19
11	An optimization approach for solving signomial discrete programming problems with free variables. <i>Computers and Chemical Engineering</i> , 2006, 30, 1256-1263.	3.8	18
12	Impacts of Environmental Certificate and Pollution Abatement Equipment on SMEs' Performance: An Empirical Case in Vietnam. <i>Sustainability</i> , 2021, 13, 9705.	3.2	13
13	Budget Allocation in a Competitive Communication Spectrum Economy. <i>Eurasip Journal on Advances in Signal Processing</i> , 2009, 2009, .	1.7	11
14	Analysis of Key Factors for Supplier Selection in Taiwan's Thin-Film Transistor Liquid-Crystal Displays Industry. <i>Mathematics</i> , 2021, 9, 396.	2.2	11
15	A superior linearization method for signomial discrete functions in solving three-dimensional open-dimension rectangular packing problems. <i>Engineering Optimization</i> , 2017, 49, 746-761.	2.6	9
16	Finding multiple optimal solutions of signomial discrete programming problems with free variables. <i>Optimization and Engineering</i> , 2011, 12, 425-443.	2.4	8
17	An efficient deterministic optimization approach for rectangular packing problems. <i>Optimization</i> , 2013, 62, 989-1002.	1.7	8
18	An Efficient Deterministic Approach to Optimal Design of Reliable Networks. <i>IEEE Transactions on Reliability</i> , 2018, 67, 598-608.	4.6	8

#	ARTICLE	IF	CITATIONS
19	An Optimal Task Assignment Strategy in Cloud-Fog Computing Environment. Applied Sciences (Switzerland), 2021, 11, 1909.	2.5	7
20	Unemployment Rates Forecasting with Grey-Based Models in the Post-COVID-19 Period: A Case Study from Vietnam. Sustainability, 2021, 13, 7879.	3.2	7
21	An optimal workload-based data allocation approach for multidisk databases. Data and Knowledge Engineering, 2009, 68, 499-508.	3.4	5
22	Optimal Allocation of Virtual Machines in Cloud Computing. Symmetry, 2018, 10, 756.	2.2	5
23	Solving Patient Allocation Problem during an Epidemic Dengue Fever Outbreak by Mathematical Modelling. Healthcare (Switzerland), 2022, 10, 163.	2.0	5
24	Ant Colony Optimization for Social Utility Maximization in a Multiuser Communication System. Mathematical Problems in Engineering, 2013, 2013, 1-8.	1.1	4
25	A deterministic global approach for mixed-discrete structural optimization. Engineering Optimization, 2014, 46, 863-879.	2.6	4
26	Global Optimization for Mixed-Discrete Structural Design. Symmetry, 2020, 12, 1529.	2.2	2
27	Finding all global optima of engineering design problems with discrete signomial terms. Engineering Optimization, 2020, 52, 165-184.	2.6	1
28	Optimal expansion of incorporating competence sets with multilevel skills. , 2010, , .		0