

Pekka Malo

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,400
citations

759233

12
h-index

713466

21
g-index

33
all docs

33
docs citations

33
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Bilevel Optimization: From Classical to Evolutionary Approaches and Applications. IEEE Transactions on Evolutionary Computation, 2018, 22, 276-295.	10.0	489
2	Good debt or bad debt: Detecting semantic orientations in economic texts. Journal of the Association for Information Science and Technology, 2014, 65, 782-796.	2.9	132
3	Finding optimal strategies in a multi-period multi-leaderâ€“follower Stackelberg game using an evolutionary algorithm. Computers and Operations Research, 2014, 41, 374-385.	4.0	109
4	Test Problem Construction for Single-Objective Bilevel Optimization. Evolutionary Computation, 2014, 22, 439-477.	3.0	90
5	Evolutionary algorithm for bilevel optimization using approximations of the lower level optimal solution mapping. European Journal of Operational Research, 2017, 257, 395-411.	5.7	81
6	Multi-objective Stackelberg game between a regulating authority and a mining company: A case study in environmental economics. , 2013, , .		63
7	An improved bilevel evolutionary algorithm based on Quadratic Approximations. , 2014, , .		50
8	Solving Bilevel Multicriterion Optimization Problems With Lower Level Decision Uncertainty. IEEE Transactions on Evolutionary Computation, 2016, 20, 199-217.	10.0	45
9	Bilevel optimization based on iterative approximation of multiple mappings. Journal of Heuristics, 2020, 26, 151-185.	1.4	33
10	A bilevel optimization approach to automated parameter tuning. , 2014, , .		30
11	Optimal management of naturally regenerating uneven-aged forests. European Journal of Operational Research, 2017, 256, 886-900.	5.7	28
12	Evolutionary bilevel optimization. , 2013, , .		25
13	Approximated set-valued mapping approach for handling multiobjective bilevel problems. Computers and Operations Research, 2017, 77, 194-209.	4.0	21
14	Transportation policy formulation as a multi-objective bilevel optimization problem. , 2015, , .		20
15	Reinforcement learning in optimizing forest management. Canadian Journal of Forest Research, 2021, 51, 1393-1409.	1.7	18
16	Unconstrained scalable test problems for single-objective bilevel optimization. , 2012, , .		16
17	Evolutionary Bilevel Optimization: An Introduction and Recent Advances. Adaptation, Learning, and Optimization, 2017, , 71-103.	0.6	15
18	Convex preference cone-based approach for many objective optimization problems. Computers and Operations Research, 2018, 95, 1-11.	4.0	14

#	ARTICLE	IF	CITATIONS
19	Reduced form modeling of limit order markets. Quantitative Finance, 2012, 12, 1025-1036.	1.7	13
20	Solving optimistic bilevel programs by iteratively approximating lower level optimal value function. , 2016, , .		12
21	Towards Understanding Bilevel Multi-objective Optimization with Deterministic Lower Level Decisions. Lecture Notes in Computer Science, 2015, , 426-443.	1.3	12
22	Learning the Roles of Directional Expressions and Domain Concepts in Financial News Analysis. , 2013, , .		11
23	Computational Examples of a New Method for Distribution Selection in the Pearson System. Journal of Applied Statistics, 2007, 34, 487-506.	1.3	10
24	Semantic Content Filtering with Wikipedia and Ontologies. , 2010, , .		9
25	Concept-based document classification using Wikipedia and value function. Journal of the Association for Information Science and Technology, 2011, 62, 2496-2511.	2.6	9
26	Handling inverse optimal control problems using evolutionary bilevel optimization. , 2016, , .		9
27	Finding Optimal Strategies in Multi-period Stackelberg Games Using an Evolutionary Framework. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 33-38.	0.4	8
28	Playing for fun or for profit: how extrinsically-motivated and intrinsically-motivated players make the choice between competing dual-purposed gaming platforms. Electronic Markets, 2019, 29, 337-358.	8.1	8
29	Online content match-making in B2B markets: Application of neural content modeling. Industrial Marketing Management, 2021, 93, 32-40.	6.7	8
30	Decision-Making in a Real-Time Business Simulation Game: Cultural and Demographic Aspects in Small Group Dynamics. International Journal of Information Technology and Decision Making, 2017, 16, 779-815.	3.9	6
31	Towards sustainable forest management strategies with MOEAs. , 2020, , .		3
32	Unconstrained robust optimization using a descent-based crossover operator. , 2015, , .		2
33	Approximate Bilevel Optimization with Population-Based Evolutionary Algorithms. Springer Optimization and Its Applications, 2020, , 361-402.	0.9	1