

Andreas LÃ¶hne

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

650
citations

623188

14
h-index

580395

25
g-index

31
all docs

31
docs citations

31
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Vector Optimization with Infimum and Supremum. Vector Optimization, 2011, , .	0.7	107
2	A dual variant of Benson's "outer approximation algorithm" for multiple objective linear programming. Journal of Global Optimization, 2012, 52, 757-778.	1.1	52
3	Set Optimization "A Rather Short Introduction. Springer Proceedings in Mathematics and Statistics, 2015, , 65-141.	0.1	46
4	Benson type algorithms for linear vector optimization and applications. Journal of Global Optimization, 2014, 59, 811-836.	1.1	45
5	Primal and dual approximation algorithms for convex vector optimization problems. Journal of Global Optimization, 2014, 60, 713-736.	1.1	43
6	The vector linear program solver Bensolve " notes on theoretical background. European Journal of Operational Research, 2017, 260, 807-813.	3.5	41
7	Geometric Duality in Multiple Objective Linear Programming. SIAM Journal on Optimization, 2008, 19, 836-845.	1.2	40
8	Solution concepts in vector optimization: a fresh look at an old story. Optimization, 2011, 60, 1421-1440.	1.0	38
9	A new approach to duality in vector optimization. Optimization, 2007, 56, 221-239.	1.0	31
10	Equivalence between polyhedral projection, multiple objective linear programming and vector linear programming. Mathematical Methods of Operations Research, 2016, 84, 411-426.	0.4	28
11	Optimization with set relations: conjugate duality. Optimization, 2005, 54, 265-282.	1.0	27
12	Set-valued duality theory for multiple objective linear programs and application to mathematical finance. Mathematical Methods of Operations Research, 2009, 69, 159-179.	0.4	27
13	AN ALGORITHM FOR CALCULATING THE SET OF SUPERHEDGING PORTFOLIOS IN MARKETS WITH TRANSACTION COSTS. International Journal of Theoretical and Applied Finance, 2014, 17, 1450012.	0.2	21
14	An algorithm to solve polyhedral convex set optimization problems. Optimization, 2013, 62, 131-141.	1.0	18
15	Lagrange Duality in Set Optimization. Journal of Optimization Theory and Applications, 2014, 161, 368-397.	0.8	12
16	A Benson-type algorithm for bounded convex vector optimization problems with vertex selection. Optimization Methods and Software, 2022, 37, 1006-1026.	1.6	12
17	A set optimization approach to zero-sum matrix games with multi-dimensional payoffs. Mathematical Methods of Operations Research, 2018, 88, 369-397.	0.4	11
18	On convergence of closed convex sets. Journal of Mathematical Analysis and Applications, 2006, 319, 617-634.	0.5	10

#	ARTICLE	IF	CITATIONS
19	A Characterization of Maximal Monotone Operators. Set-Valued and Variational Analysis, 2008, 16, 693-700.	0.5	8
20	Lagrange duality, stability and subdifferentials in vector optimization. Optimization, 2013, 62, 415-428.	1.0	7
21	A vector linear programming approach for certain global optimization problems. Journal of Global Optimization, 2018, 72, 347-372.	1.1	7
22	Calculus of convex polyhedra and polyhedral convex functions by utilizing a multiple objective linear programming solver. Optimization, 2019, 68, 2039-2054.	1.0	7
23	Solving DC programs with a polyhedral component utilizing a multiple objective linear programming solver. Journal of Global Optimization, 2017, 69, 369-385.	1.1	4
24	On the dual of the solvency cone. Discrete Applied Mathematics, 2015, 186, 176-185.	0.5	2
25	Choosing sets: preface to the special issue on set optimization and applications. Mathematical Methods of Operations Research, 2020, 91, 1-4.	0.4	2
26	Solving polyhedral d.c. optimization problems via concave minimization. Journal of Global Optimization, 2020, 78, 37-47.	1.1	2
27	On totally Fenchel unstable functions in finite dimensional spaces. Mathematical Programming, 2010, 123, 25-31.	1.6	1
28	On Parallelizing Benson's Algorithm:. Lecture Notes in Computer Science, 2018, , 653-668.	1.0	1
29	Note: An algorithm to solve polyhedral convex set optimization problems. Optimization, 2015, 64, 2039-2041.	1.0	0