Andreas LÃ¶hne

List of Publications by Year
in descending order

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29	650	623188	580395
papers	citations	14 h-index	25 g-index

31	31	31	216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Benson-type algorithm for bounded convex vector optimization problems with vertex selection. Optimization Methods and Software, 2022, 37, 1006-1026.	1.6	12
2	Choosing sets: preface to the special issue on set optimization and applications. Mathematical Methods of Operations Research, 2020, 91, 1-4.	0.4	2
3	Solving polyhedral d.c. optimization problems via concave minimization. Journal of Global Optimization, 2020, 78, 37-47.	1.1	2
4	Calculus of convex polyhedra and polyhedral convex functions by utilizing a multiple objective linear programming solver. Optimization, 2019, 68, 2039-2054.	1.0	7
5	A vector linear programming approach for certain global optimization problems. Journal of Global Optimization, 2018, 72, 347-372.	1.1	7
6	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
7	On Parallelizing Bensonâ€™s Algorithm:. Lecture Notes in Computer Science, 2018, , 653-668.	1.0	1
8	The vector linear program solver Bensolve â€“ notes on theoretical background. European Journal of Operational Research, 2017, 260, 807-813.	3.5	41
9	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
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	Note: An algorithm to solve polyhedral convex set optimization problems. Optimization, 2015, 64, 2039-2041.	1.0	0
12	On the dual of the solvency cone. Discrete Applied Mathematics, 2015, 186, 176-185.	0.5	2
13	Set Optimizationâ€”A Rather Short Introduction. Springer Proceedings in Mathematics and Statistics, 2015, , 65-141.	0.1	46
14	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
15	Primal and dual approximation algorithms for convex vector optimization problems. Journal of Global Optimization, 2014, 60, 713-736.	1.1	43
16	Lagrange Duality in Set Optimization. Journal of Optimization Theory and Applications, 2014, 161, 368-397.	0.8	12
17	Benson type algorithms for linear vector optimization and applications. Journal of Global Optimization, 2014, 59, 811-836.	1.1	45
18	An algorithm to solve polyhedral convex set optimization problems. Optimization, 2013, 62, 131-141.	1.0	18

#	Article	IF	Citations
19	Lagrange duality, stability and subdifferentials in vector optimization. Optimization, 2013, 62, 415-428.	1.0	7
20	A dual variant of Bensonâ€™s â€œouter approximation algorithmâ€•for multiple objective linear programming. Journal of Global Optimization, 2012, 52, 757-778.	1.1	52
21	Solution concepts in vector optimization: a fresh look at an old story. Optimization, 2011, 60, 1421-1440.	1.0	38
22	Vector Optimization with Infimum and Supremum. Vector Optimization, 2011, , .	0.7	107
23	On totally Fenchel unstable functions in finite dimensional spaces. Mathematical Programming, 2010, 123, 25-31.	1.6	1
24	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
25	A Characterization of Maximal Monotone Operators. Set-Valued and Variational Analysis, 2008, 16, 693-700.	0.5	8
26	Geometric Duality in Multiple Objective Linear Programming. SIAM Journal on Optimization, 2008, 19, 836-845.	1.2	40
27	A new approach to duality in vector optimization. Optimization, 2007, 56, 221-239.	1.0	31
28	On convergence of closed convex sets. Journal of Mathematical Analysis and Applications, 2006, 319, 617-634.	0.5	10
29	Optimization with set relations: conjugate duality. Optimization, 2005, 54, 265-282.	1.0	27