

Gert Wanka

List of Publications by Year in descending order

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51
papers

1,027
citations

516561

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53
all docs

53
docs citations

53
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamical Approach to Two-Block Separable Convex Optimization Problems with Linear Constraints. Numerical Functional Analysis and Optimization, 2021, 42, 1-38.	0.6	4
2	The Proximal Alternating Minimization Algorithm for Two-Block Separable Convex Optimization Problems with Linear Constraints. Journal of Optimization Theory and Applications, 2019, 182, 110-132.	0.8	6
3	Duality results for extended multifacility location problems. Optimization, 2018, 67, 1095-1119.	1.0	3
4	Duality results for nonlinear single minimax location problems via multi-composed optimization. Mathematical Methods of Operations Research, 2017, 86, 401-439.	0.4	7
5	A Lagrange duality approach for multi-composed optimization problems. Top, 2017, 25, 288-313.	1.1	6
6	On biconjugates of infimal functions. Optimization, 2015, 64, 1759-1775.	1.0	2
7	Employing different loss functions for the classification of images via supervised learning. Open Mathematics, 2014, 12, .	0.5	5
8	Classical linear vector optimization duality revisited. Optimization Letters, 2012, 6, 199-210.	0.9	14
9	Dual Representations for Convex Risk Measures via Conjugate Duality. Journal of Optimization Theory and Applications, 2010, 144, 185-203.	0.8	6
10	Gap Functions for Vector Equilibrium Problems via Conjugate Duality. Springer Optimization and Its Applications, 2010, , 185-197.	0.6	0
11	OPTIMALITY CONDITIONS FOR PORTFOLIO OPTIMIZATION PROBLEMS WITH CONVEX DEVIATION MEASURES AS OBJECTIVE FUNCTIONS. Taiwanese Journal of Mathematics, 2009, 13, .	0.2	3
12	A new Fenchel dual problem in vector optimization. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2009, 119, 251-265.	0.2	7
13	Generalized Moreau-Rockafellar results for composed convex functions. Optimization, 2009, 58, 917-933.	1.0	40
14	Duality in Vector Optimization. Vector Optimization, 2009, , .	0.7	160
15	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si1.gif"} \text{ overflow}=\text{"scroll"} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Optimality conditions for composed convex optimization problems. Journal of Approximation Theory, 2008, 153, 108-121.	0.5	14
16	The conjugate of the pointwise maximum of two convex functions revisited. Journal of Global Optimization, 2008, 41, 625-632.	1.1	9
17	Duality for almost convex optimization problems via the perturbation approach. Journal of Global Optimization, 2008, 42, 385-399.	1.1	17
18	A new constraint qualification for the formula of the subdifferential of composed convex functions in infinite dimensional spaces. Mathematische Nachrichten, 2008, 281, 1088-1107.	0.4	41

#	ARTICLE	IF	CITATIONS
19	On strong and total Lagrange duality for convex optimization problems. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 337, 1315-1325.	0.5	71
20	New regularity conditions for strong and total Fenchel-Lagrange duality in infinite dimensional spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2008, 69, 323-336.	0.6	54
21	Optimality conditions for weak efficiency to vector optimization problems with composed convex functions. <i>Central European Journal of Mathematics</i> , 2008, 6, 453-468.	0.7	5
22	ON THE CONSTRUCTION OF GAP FUNCTIONS FOR VARIATIONAL INEQUALITIES VIA CONJUGATE DUALITY. <i>Asia-Pacific Journal of Operational Research</i> , 2007, 24, 353-371.	0.9	14
23	Weaker Constraint Qualifications in Maximal Monotonicity. <i>Numerical Functional Analysis and Optimization</i> , 2007, 28, 27-41.	0.6	16
24	Maximal Monotonicity for the Precomposition with a Linear Operator. <i>SIAM Journal on Optimization</i> , 2007, 17, 1239-1252.	1.2	26
25	Duality for location problems with unbounded unit balls. <i>European Journal of Operational Research</i> , 2007, 179, 1252-1265.	3.5	18
26	Farkas-type results for fractional programming problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2007, 67, 1690-1703.	0.6	15
27	A new condition for maximal monotonicity via representative functions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2007, 67, 2390-2402.	0.6	11
28	Conjugate duality in vector optimization and some applications to the vector variational inequality. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 329, 1010-1035.	0.5	16
29	Comparison between different duals in multiobjective fractional programming. <i>Central European Journal of Mathematics</i> , 2007, 5, 452-469.	0.7	0
30	A general approach for studying duality in multiobjective optimization. <i>Mathematical Methods of Operations Research</i> , 2007, 65, 417-444.	0.4	17
31	On the relations between different duals assigned to composed optimization problems. <i>Mathematical Methods of Operations Research</i> , 2007, 66, 47-68.	0.4	5
32	Some new Farkas-type results for inequality systems with DC functions. <i>Journal of Global Optimization</i> , 2007, 39, 595-608.	1.1	26
33	New Constraint Qualification and Conjugate Duality for Composed Convex Optimization Problems. <i>Journal of Optimization Theory and Applications</i> , 2007, 135, 241-255.	0.8	34
34	Conjugate duality for multiobjective composed optimization problems. <i>Acta Mathematica Hungarica</i> , 2007, 116, 177-196.	0.3	7
35	Almost Convex Functions: Conjugacy and Duality. , 2007, , 101-114.		2
36	An alternative formulation for a new closed cone constraint qualification. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2006, 64, 1367-1381.	0.6	57

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37	A weaker regularity condition for subdifferential calculus and Fenchel duality in infinite dimensional spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2006, 64, 2787-2804.	0.6	75
38	Farkas-type results for inequality systems with composed convex functions via conjugate duality. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 322, 316-328.	0.5	22
39	Farkas-type Results for Max-functions and Applications. <i>Positivity</i> , 2006, 10, 761-777.	0.3	4
40	Duality for multiobjective optimization problems with convex objective functions and D.C. constraints. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 315, 526-543.	0.5	20
41	Duality for optimization problems with entropy-like objective functions. <i>Journal of Information and Optimization Sciences</i> , 2005, 26, 415-441.	0.2	2
42	Farkas-Type Results With Conjugate Functions. <i>SIAM Journal on Optimization</i> , 2005, 15, 540-554.	1.2	43
43	An analysis of some dual problems in multiobjective optimization (I). <i>Optimization</i> , 2004, 53, 281-300.	1.0	26
44	An analysis of some dual problems in multiobjective optimization (II). <i>Optimization</i> , 2004, 53, 301-324.	1.0	20
45	Multiobjective Duality for Convex Semidefinite Programming Problems. <i>Zeitschrift Fur Analysis Und Ihre Anwendung</i> , 2003, 22, 711-728.	0.8	15
46	Maximum entropy optimization for text classification problems. , 2003, , 247-260.		1
47	Duality for the Multiobjective Location Model Involving Sets as Existing Facilities. <i>Series on Computers and Operations Research</i> , 2003, , 307-333.	0.2	1
48	Multiobjective duality for convex ratios. <i>Journal of Mathematical Analysis and Applications</i> , 2002, 275, 354-368.	0.5	6
49	On the Relations Between Different Dual Problems in Convex Mathematical Programming. , 2002, , 255-262.		31
50	Multiobjective duality for convex-linear problems II. <i>Mathematical Methods of Operations Research</i> , 2001, 53, 419-433.	0.4	10
51	Duality for portfolio optimization with short sales. <i>Mathematical Methods of Operations Research</i> , 2001, 53, 247-263.	0.4	5