Le Thi Hoai An

List of Publications by Year
in descending order

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52 papers	2,232 citations	361296 20 h-index	214721 47 g-index
56 all docs	56 docs citations	56 times ranked	1026 citing authors

#	Article	IF	Citations
1	The DC (Difference of Convex Functions) Programming and DCA Revisited with DC Models of Real World Nonconvex Optimization Problems. Annals of Operations Research, 2005, 133, 23-46.	2.6	614
2	A D.C. Optimization Algorithm for Solving the Trust-Region Subproblem. SIAM Journal on Optimization, 1998, 8, 476-505.	1.2	448
3	Solving a Class of Linearly Constrained Indefinite Quadratic Problems by D.C. Algorithms. Journal of Global Optimization, 1997, 11, 253-285.	1.1	221
4	Title is missing!. Journal of Global Optimization, 1998, 13, 171-206.	1.1	79
5	Large-Scale Molecular Optimization from Distance Matrices by a D.C. Optimization Approach. SIAM Journal on Optimization, 2003, 14, 77-114.	1.2	79
6	Numerical solution for optimization over the efficient set by d.c. optimization algorithms. Operations Research Letters, 1996, 19, 117-128.	0.5	71
7	A continuous approch for globally solving linearly constrained quadratic. Optimization, 2001, 50, 93-120.	1.0	66
8	An efficient algorithm for globally minimizing a quadratic function under convex quadratic constraints. Mathematical Programming, 2000, 87, 401-426.	1.6	63
9	A new efficient algorithm based on DC programming and DCA for clustering. Journal of Global Optimization, 2007, 37, 593-608.	1.1	48
10	Application of lower bound direct method to engineering structures. Journal of Global Optimization, 2007, 37, 609-630.	1.1	48
11	Optimization based DC programming and DCA for hierarchical clustering. European Journal of Operational Research, 2007, 183, 1067-1085.	3.5	43
12	Learning sparse classifiers with difference of convex functions algorithms. Optimization Methods and Software, 2013, 28, 830-854.	1.6	41
13	New and efficient DCA based algorithms for minimum sum-of-squares clustering. Pattern Recognition, 2014, 47, 388-401.	5.1	41
14	Decomposition branch and bound method for globally solving linearly constrained indefinite quadratic minimization problems. Operations Research Letters, 1995, 17, 215-220.	0.5	39
15	The subgradient extragradient method extended to equilibrium problems. Optimization, 2015, 64, 225-248.	1.0	37
16	Title is missing!. Journal of Combinatorial Optimization, 1998, 2, 9-28.	0.8	27
17	Duality for nonsmooth semi-infinite programming problems. Optimization Letters, 2012, 6, 261-271.	0.9	26
18	Title is missing!. Journal of Global Optimization, 2003, 27, 375-397.	1.1	24

#	Article	IF	Citations
19	DC programming techniques for solving a class of nonlinear bilevel programs. Journal of Global Optimization, 2009, 44, 313-337.	1.1	23
20	Robust investment strategies with discrete asset choice constraints using DC programming. Optimization, 2010, 59, 45-62.	1.0	23
21	Difference of convex functions optimization algorithms (DCA) for globally minimizing nonconvex quadratic forms on Euclidean balls and spheres. Operations Research Letters, 1996, 19, 207-216.	0.5	20
22	A continuous DC programming approach to the strategic supply chain design problem from qualified partner set. European Journal of Operational Research, 2007, 183, 1001-1012.	3.5	17
23	On globally solving linearly constrained indefinite quadratic minimization problems by decomposition branch and bound method. RAIRO - Operations Research, 1996, 30, 31-49.	1.0	15
24	A DC programming approach for a class of bilevel programming problems and its application in Portfolio Selection. Numerical Algebra, Control and Optimization, 2012, 2, 167-185.	1.0	11
25	Solving Partitioning-Hub Location-Routing Problem using DCA. Journal of Industrial and Management Optimization, 2012, 8, 87-102.	0.8	9
26	Towards Tikhonov regularization of non-linear ill-posed problems: a dc programming approach. Comptes Rendus Mathematique, 2002, 335, 1073-1078.	0.1	7
27	D.C. Programming Approach to the Multidimensional Scaling Problem. Nonconvex Optimization and Its Applications, 2001, , 231-276.	0.1	7
28	Outer-Inner Approximation Projection Methods for Multivalued Variational Inequalities. Acta Mathematica Vietnamica, 2017, 42, 61-79.	0.2	6
29	Title is missing!. Journal of Global Optimization, 2002, 22, 205-232.	1.1	5
30	Solving an Inverse Problem for an Elliptic Equation by d.c. Programming. Journal of Global Optimization, 2003, 25, 407-423.	1.1	5
31	Modified parallel projection methods for the multivalued lexicographic variational inequalities using proximal operator in Hilbert spaces. Mathematical Methods in the Applied Sciences, 2020, 43, 3260-3279.	1.2	5
32	Minimum Sum-of-Squares Clustering by DC Programming and DCA. Lecture Notes in Computer Science, 2009, , 327-340.	1.0	4
33	A Robust Approach for Nonlinear UAV Task Assignment Problem under Uncertainty. Lecture Notes in Computer Science, 2010, , 147-159.	1.0	4
34	Optimality conditions and duality for nondifferentiable multiobjective semi-infinite programming problems with generalized (C, Î±, Ï, d)-convexity. Journal of Systems Science and Complexity, 2015, 28, 47-59.	1.6	4
35	A new algorithm for Solving Large Scale Molecular Distance Geometry Problems. Applied Optimization, 2003, , 285-302.	0.4	4
36	Solving QoS Routing Problems by DCA. Lecture Notes in Computer Science, 2010, , 460-470.	1.0	4

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37	Methods for optimizing over the efficient and weakly efficient sets of an affine fractional vector optimization program. Optimization, 2010, 59, 77-93.	1.0	3
38	A difference of convex functions algorithm for optimal scheduling and real-time assignment of preventive maintenance jobs on parallel processors. Journal of Industrial and Management Optimization, 2014, 10, 243-258.	0.8	3
39	Smoothing techniques and difference of convex functions algorithms for image reconstructions. Optimization, 2020, 69, 1601-1633.	1.0	3
40	DC Programming and DCA for Large-Scale Two-Dimensional Packing Problems. Lecture Notes in Computer Science, 2012, , 321-330.	1.0	3
41	DC Programming and DCA for Enhancing Physical Layer Security via Relay Beamforming Strategies. Lecture Notes in Computer Science, 2016, , 640-650.	1.0	3
42	Online DC Optimization for Online Binary Linear Classification. Lecture Notes in Computer Science, 2016, , 661-670.	1.0	3
43	On the ill-posedness of the trust region subproblem. Journal of Inverse and Ill-Posed Problems, 2003, 11, 545-577.	0.5	2
44	Network utility maximisation: A DC programming approach for Sigmoidal utility function. , 2013, , .		2
45	Noisy Image Segmentation by a Robust Clustering Algorithm Based on DC Programming and DCA. Lecture Notes in Computer Science, 2008, , 72-86.	1.0	2
46	DCA for Minimizing the Cost and Tardiness of Preventive Maintenance Tasks under Real-Time Allocation Constraint. Lecture Notes in Computer Science, 2010, , 410-419.	1.0	1
47	Solving Car Pooling Problem using DCA. , 2011, , .		1
48	An Improvement of Stability Based Method to Clustering. Advances in Intelligent Systems and Computing, 2015, , 129-140.	0.5	1
49	Large Scale Molecular Conformation via the Exact Distance Geometry Problem. Lecture Notes in Economics and Mathematical Systems, 2000, , 260-277.	0.3	1
50	A Deterministic Optimization Approach for Generating Highly Nonlinear Balanced Boolean Functions in Cryptography. , 2008, , 381-391.		0
51	Solving the Perceptron Problem by deterministic optimization approach based on DC programming and DCA. , 2009, , .		0
52	Solving Multicast QoS Routing Problem in the Context V2I Communication Services Using DCA. , 2010, , .		0