# Pham Dinh Tao

List of Publications by Year
in descending order

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|---|---|---|---|
| 47 papers | 2,235 citations | 394286 <br> 19 h-index | 276775 <br> 41 g-index |
| 50 all docs | 50 docs citations | 50 times ranked | 1027 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 | Object pose from 2-D to 3-D point and line correspondences. International Journal of Computer Vision, 1995, 15, 225-243. | 10.9 | 129 |
| 5 | Title is missing!. Journal of Global Optimization, 1998, 13, 171-206. | 1.1 | 79 |
| 6 | Large-Scale Molecular Optimization from Distance Matrices by a D.C. Optimization Approach. SIAM Journal on Optimization, 2003, 14, 77-114. | 1.2 | 79 |
| 7 | Numerical solution for optimization over the efficient set by d.c. optimization algorithms. Operations Research Letters, 1996, 19, 117-128. | 0.5 | 71 |
| 8 | Algorithms for Solving a Class of Nonconvex Optimization Problems. Methods of Subgradients. North-Holland Mathematics Studies, 1986, 129, 249-271. | 0.2 | 58 |
| 9 | Proximal Decomposition on the Graph of a Maximal Monotone Operator. SIAM Journal on Optimization, 1995, 5, 454-466. | 1.2 | 50 |
| 10 | A new efficient algorithm based on DC programming and DCA for clustering. Journal of Global Optimization, 2007, 37, 593-608. | 1.1 | 48 |
| 11 | Application of lower bound direct method to engineering structures. Journal of Global Optimization, 2007, 37, 609-630. | 1.1 | 48 |
| 12 | Optimization based DC programming and DCA for hierarchical clustering. European Journal of Operational Research, 2007, 183, 1067-1085. | 3.5 | 43 |
| 13 | New and efficient DCA based algorithms for minimum sum-of-squares clustering. Pattern Recognition, 2014, 47, 388-401. | 5.1 | 41 |
| 14 | Duality in D.C. (Difference of Convex functions) Optimization. Subgradient Methods. , 1988, , 277-293. | | 39 |
| 15 | Convergence of a subgradient method for computing the bound norm of matrices. Linear Algebra and Its Applications, 1984, 62, 163-182. | 0.4 | 30 |
| 16 | Title is missing!. Journal of Combinatorial Optimization, 1998, 2, 9-28. | 0.8 | 27 |
| 17 | Algorithmes de calcul du maximum des formes quadratiques sur la boule unitï¿½ de la norme du maximum. Numerische Mathematik, 1984, 45, 377-401. | 0.9 | 23 |
| 18 | DC programming techniques for solving a class of nonlinear bilevel programs. Journal of Global Optimization, 2009, 44, 313-337. | 1.1 | 23 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 19 | Partial regularization of the sum of two maximal monotone operators. ESAIM: Mathematical Modelling and Numerical Analysis, 1993, 27, 375-392. | 0.8 | 22 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | Solving Partitioning-Hub Location-Routing Problem using DCA. Journal of Industrial and Management Optimization, 2012, 8, 87-102. | 0.8 | 9 |
| 25 | Towards Tikhonov regularization of non-linear ill-posed problems: a dc programming approach. Comptes Rendus Mathematique, 2002, 335, 1073-1078. | 0.1 | 7 |
| 26 | D.C. Programming Approach to the Multidimensional Scaling Problem. Nonconvex Optimization and Its Applications, 2001, , 231-276. | 0.1 | 7 |
| 27 | Iterative behaviour, fixed point of a class of monotone operators. Application to non-symmetric threshold function. Discrete Mathematics, 1988, 70, 85-101. | 0.4 | 6 |
| 28 | Title is missing!. Journal of Global Optimization, 2002, 22, 205-232. | 1.1 | 5 |
| 29 | Solving an Inverse Problem for an Elliptic Equation by d.c. Programming. Journal of Global Optimization, 2003, 25, 407-423. | 1.1 | 5 |
| 30 | A Branch and Bound Algorithm Based on DC Programming and DCA for Strategic Capacity Planning in Supply Chain Design for a New Market Opportunity. , 2007, , 515-520. | | 4 |
| 31 | Single Straddle Carrier Routing Problem in Port Container Terminals: Mathematical Model and Solving Approaches. Communications in Computer and Information Science, 2008, , 21-31. | 0.4 | 4 |
| 32 | Minimum Sum-of-Squares Clustering by DC Programming and DCA. Lecture Notes in Computer Science, 2009, , 327-340. | 1.0 | 4 |
| 33 | A new algorithm for Solving Large Scale Molecular Distance Geometry Problems. Applied Optimization, 2003, , 285-302. | 0.4 | 4 |
| 34 | Solving QoS Routing Problems by DCA. Lecture Notes in Computer Science, 2010, , 460-470. | 1.0 | 4 |
| 35 | Stability of lagrangian duality for nonconvex quadratic programming. Solution methods and applications in computer vision. ESAIM: Mathematical Modelling and Numerical Analysis, 1997, 31, 57-90. | 0.8 | 3 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 37 | DC Programming and DCA for Large-Scale Two-Dimensional Packing Problems. Lecture Notes in Computer Science, 2012, , 321-330. | 1.0 | 3 |
| 38 | On the ill-posedness of the trust region subproblem. Journal of Inverse and Ill-Posed Problems, 2003, 11, 545-577. | 0.5 | 2 |
| 39 | Network utility maximisation: A DC programming approach for Sigmoidal utility function. , 2013, , . | | 2 |
| 40 | 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 |
| 41 | Solving Car Pooling Problem using DCA. , 2011, , . | | 1 |
| 42 | D.C. Optimization Approaches via Markov Models for Restoration of Signal (1-D) and (2-D). Nonconvex Optimization and Its Applications, 2001, , 303-317. | 0.1 | 1 |
| 43 | Large Scale Molecular Conformation via the Exact Distance Geometry Problem. Lecture Notes in Economics and Mathematical Systems, 2000, , 260-277. | 0.3 | 1 |
| 44 | A Deterministic Optimization Approach for Generating Highly Nonlinear Balanced Boolean Functions in Cryptography. , 2008, , 381-391. | | 0 |
| 45 | Solving the Perceptron Problem by deterministic optimization approach based on DC programming and DCA. , 2009, , . | | 0 |
| 46 | Solving Multicast QoS Routing Problem in the Context V2I Communication Services Using DCA. , 2010, , . | | 0 |
| 47 | Solving Many to many multicast QoS routing problem using DCA and proximal decomposition technique. , 2012, , . | | 0 |