

# Hanif D Sherali

## List of Publications by Year in descending order

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189  
papers

9,767  
citations

57758

44  
h-index

58581

82  
g-index

225  
all docs

225  
docs citations

225  
times ranked

5568  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hierarchy of Relaxations between the Continuous and Convex Hull Representations for Zero-One Programming Problems. SIAM Journal on Discrete Mathematics, 1990, 3, 411-430.	0.8	676
2	Making Sensor Networks Immortal: An Energy-Renewal Approach With Wireless Power Transfer. IEEE/ACM Transactions on Networking, 2012, 20, 1748-1761.	3.8	352
3	A new reformulation-linearization technique for bilinear programming problems. Journal of Global Optimization, 1992, 2, 379-410.	1.8	315
4	A Reformulation-Linearization Technique for Solving Discrete and Continuous Nonconvex Problems. Nonconvex Optimization and Its Applications, 1999, , .	0.1	304
5	On renewable sensor networks with wireless energy transfer. , 2011, , .		287
6	A location-allocation model and algorithm for evacuation planning under hurricane/flood conditions. Transportation Research Part B: Methodological, 1991, 25, 439-452.	5.9	253
7	A global optimization algorithm for polynomial programming problems using a Reformulation-Linearization Technique. Journal of Global Optimization, 1992, 2, 101-112.	1.8	251
8	A hierarchy of relaxations and convex hull characterizations for mixed-integer zero-one programming problems. Discrete Applied Mathematics, 1994, 52, 83-106.	0.9	248
9	A Tight Linearization and an Algorithm for Zero-One Quadratic Programming Problems. Management Science, 1986, 32, 1274-1290.	4.1	210
10	Stackelberg-Nash-Cournot Equilibria: Characterizations and Computations. Operations Research, 1983, 31, 253-276.	1.9	202
11	A mathematical programming approach for determining oligopolistic market equilibrium. Mathematical Programming, 1982, 24, 92-106.	2.4	189
12	Improving Discrete Model Representations via Symmetry Considerations. Management Science, 2001, 47, 1396-1407.	4.1	178
13	Multi-Node Wireless Energy Charging in Sensor Networks. IEEE/ACM Transactions on Networking, 2015, 23, 437-450.	3.8	153
14	Enhanced Model Formulations for Optimal Facility Layout. Operations Research, 2003, 51, 629-644.	1.9	147
15	Recovery of primal solutions when using subgradient optimization methods to solve Lagrangian duals of linear programs. Operations Research Letters, 1996, 19, 105-113.	0.7	145
16	A reformulation-convexification approach for solving nonconvex quadratic programming problems. Journal of Global Optimization, 1995, 7, 1-31.	1.8	141
17	Linearization Strategies for a Class of Zero-One Mixed Integer Programming Problems. Operations Research, 1990, 38, 217-226.	1.9	131
18	Decomposition with branch-and-cut approaches for two-stage stochastic mixed-integer programming. Mathematical Programming, 2006, 106, 203-223.	2.4	126

#	ARTICLE	IF	CITATIONS
19	Benders' partitioning scheme applied to a new formulation of the quadratic assignment problem. Naval Research Logistics Quarterly, 1980, 27, 29-41.	0.4	119
20	Title is missing!. Journal of Global Optimization, 2002, 22, 319-342.	1.8	104
21	Exploiting Special Structures in Constructing a Hierarchy of Relaxations for 0-1 Mixed Integer Problems. Operations Research, 1998, 46, 396-405.	1.9	96
22	New reformulation linearization/convexification relaxations for univariate and multivariate polynomial programming problems. Operations Research Letters, 1997, 21, 1-9.	0.7	92
23	Cooperative Communications in Multi-hop Wireless Networks: Joint Flow Routing and Relay Node Assignment. , 2010, , .		87
24	Bundling mobile base station and wireless energy transfer: Modeling and optimization. , 2013, , .		81
25	A discrete optimization approach for locating Automatic Vehicle Identification readers for the provision of roadway travel times. Transportation Research Part B: Methodological, 2006, 40, 857-871.	5.9	75
26	The eigenvalue complementarity problem. Computational Optimization and Applications, 2007, 37, 139-156.	1.6	75
27	A finitely convergent algorithm for bilinear programming problems using polar cuts and disjunctive face cuts. Mathematical Programming, 1980, 19, 14-31.	2.4	74
28	Mixed-integer bilinear programming problems. Mathematical Programming, 1993, 59, 279-305.	2.4	70
29	On Tightening the Relaxations of Miller-Tucker-Zemlin Formulations for Asymmetric Traveling Salesman Problems. Operations Research, 2002, 50, 656-669.	1.9	69
30	Fleet management models and algorithms for an oil-tanker routing and scheduling problem. IIE Transactions, 1999, 31, 395-406.	2.1	66
31	Enhancing RLT relaxations via a new class of semidefinite cuts. Journal of Global Optimization, 2002, 22, 233-261.	1.8	62
32	Global optimization of nonconvex factorable programming problems. Mathematical Programming, 2001, 89, 459-478.	2.4	60
33	On solving discrete two-stage stochastic programs having mixed-integer first- and second-stage variables. Mathematical Programming, 2006, 108, 597-616.	2.4	60
34	On Path Selection and Rate Allocation for Video in Wireless Mesh Networks. IEEE/ACM Transactions on Networking, 2009, 17, 212-224.	3.8	59
35	Portfolio optimization by minimizing conditional value-at-risk via nondifferentiable optimization. Computational Optimization and Applications, 2010, 46, 391-415.	1.6	58
36	Global Optimization of Nonconvex Polynomial Programming Problems Having Rational Exponents. Journal of Global Optimization, 1998, 12, 267-283.	1.8	56

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37	On generating maximal nondominated Benders cuts. <i>Annals of Operations Research</i> , 2013, 210, 57-72.	4.1	53
38	A primal-dual conjugate subgradient algorithm for specially structured linear and convex programming problems. <i>Applied Mathematics and Optimization</i> , 1989, 20, 193-221.	1.6	52
39	Title is missing!. <i>Journal of Global Optimization</i> , 2001, 19, 1-26.	1.8	51
40	Multicast Communications in Multi-Hop Cognitive Radio Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2011, 29, 784-793.	14.0	51
41	An Integrated Approach for Airline Flight Selection and Timing, Fleet Assignment, and Aircraft Routing. <i>Transportation Science</i> , 2013, 47, 455-476.	4.4	49
42	Static and Dynamic Time-Space Strategic Models and Algorithms for Multilevel Rail-Car Fleet Management. <i>Management Science</i> , 1997, 43, 235-250.	4.1	48
43	A Global Optimization RLT-based Approach for Solving the Hard Clustering Problem. <i>Journal of Global Optimization</i> , 2005, 32, 281-306.	1.8	48
44	Solutions and optimality criteria for nonconvex constrained global optimization problems with connections between canonical and Lagrangian duality. <i>Journal of Global Optimization</i> , 2009, 45, 473-497.	1.8	48
45	Models and algorithms for a two-stage production process. <i>Production Planning and Control</i> , 1990, 1, 27-39.	8.8	46
46	A Lifted Compact Formulation for the Daily Aircraft Maintenance Routing Problem. <i>Transportation Science</i> , 2013, 47, 508-525.	4.4	46
47	A squared-euclidean distance location-allocation problem. <i>Naval Research Logistics</i> , 1992, 39, 447-469.	2.2	45
48	A Global Optimization Approach to a Water Distribution Network Design Problem. <i>Journal of Global Optimization</i> , 1997, 11, 107-132.	1.8	45
49	The time-dependent shortest pair of disjoint paths problem: Complexity, models, and algorithms. <i>Networks</i> , 1998, 31, 259-272.	2.7	45
50	An improved linearization strategy for zero-one quadratic programming problems. <i>Optimization Letters</i> , 2006, 1, 33-47.	1.6	44
51	On the asymmetric eigenvalue complementarity problem. <i>Optimization Methods and Software</i> , 2009, 24, 549-568.	2.4	44
52	Optimal Power Allocation in Multi-Relay MIMO Cooperative Networks: Theory and Algorithms. <i>IEEE Journal on Selected Areas in Communications</i> , 2012, 30, 331-340.	14.0	44
53	Multiple Description Video Multicast in Wireless Ad Hoc Networks. <i>Mobile Networks and Applications</i> , 2006, 11, 63-73.	3.3	43
54	Femtocell Base Station Deployment in Commercial Buildings: A Global Optimization Approach. <i>IEEE Journal on Selected Areas in Communications</i> , 2012, 30, 652-663.	14.0	43

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55	Minimizing conditional-value-at-risk for stochastic scheduling problems. <i>Journal of Scheduling</i> , 2014, 17, 5-15.	1.9	43
56	Global Optimization Procedures for the Capacitated Euclidean andlpDistance Multifacility Location-Allocation Problems. <i>Operations Research</i> , 2002, 50, 433-448.	1.9	42
57	A benders decomposition approach for an integrated airline schedule design and fleet assignment problem with flight retiming, schedule balance, and demand recapture. <i>Annals of Operations Research</i> , 2013, 210, 213-244.	4.1	41
58	Enhanced Models for a Mixed Arrival-Departure Aircraft Sequencing Problem. <i>INFORMS Journal on Computing</i> , 2014, 26, 514-530.	1.7	41
59	Mixed-integer programming models for an employee scheduling problem with multiple shifts and work locations. <i>Annals of Operations Research</i> , 2007, 155, 119-142.	4.1	40
60	A class of lifted path and flow-based formulations for the asymmetric traveling salesman problem with and without precedence constraints. <i>Discrete Optimization</i> , 2006, 3, 20-32.	0.9	36
61	Two-Stage Fleet Assignment Model Considering Stochastic Passenger Demands. <i>Operations Research</i> , 2008, 56, 383-399.	1.9	35
62	A Hierarchy of Relaxations Leading to the Convex Hull Representation for General Discrete Optimization Problems. <i>Annals of Operations Research</i> , 2005, 140, 21-47.	4.1	34
63	A Decomposition Algorithm for a Discrete Location-Allocation Problem. <i>Operations Research</i> , 1984, 32, 878-900.	1.9	33
64	An explicit characterization of the convex envelope of a bivariate bilinear function over special polytopes. <i>Annals of Operations Research</i> , 1990, 25, 197-209.	4.1	32
65	A localization and reformulation discrete programming approach for the rectilinear distance location-allocation problem. <i>Discrete Applied Mathematics</i> , 1994, 49, 357-378.	0.9	32
66	Radar pulse interleaving for multi-target tracking. <i>Naval Research Logistics</i> , 2004, 51, 72-94.	2.2	31
67	Tighter representations for set partitioning problems. <i>Discrete Applied Mathematics</i> , 1996, 68, 153-167.	0.9	29
68	Algorithm design for femtocell base station placement in commercial building environments. , 2012, , .		29
69	A Tactical Decision Support System for Empty Railcar Management. <i>Transportation Science</i> , 1998, 32, 306-329.	4.4	28
70	A Novel Model and Decomposition Approach for the Integrated Airline Fleet Assignment, Aircraft Routing, and Crew Pairing Problem. <i>Transportation Science</i> , 2017, 51, 233-249.	4.4	28
71	Title is missing!. <i>Journal of Global Optimization</i> , 1997, 10, 381-390.	1.8	26
72	A branch-and-cut algorithm for solving an intraring synchronous optical network design problem. <i>Networks</i> , 2000, 35, 223-232.	2.7	26

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73	A Complementarity-based Partitioning and Disjunctive Cut Algorithm for Mathematical Programming Problems with Equilibrium Constraints. <i>Journal of Global Optimization</i> , 2006, 36, 89-114.	1.8	26
74	A hybrid optimization-simulation approach for robust weekly aircraft routing and retiming. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 84, 1-20.	7.6	26
75	Complementary column generation and bounding approaches for set partitioning formulations. <i>Optimization Letters</i> , 2009, 3, 123-136.	1.6	25
76	Multiple asymmetric traveling salesmen problem with and without precedence constraints: Performance comparison of alternative formulations. <i>Computers and Operations Research</i> , 2014, 51, 64-89.	4.0	25
77	Optimal Allocation of Risk-Reduction Resources in Event Trees. <i>Management Science</i> , 2008, 54, 1313-1321.	4.1	24
78	A mixed-integer mathematical modeling approach to exam timetabling. <i>Computational Management Science</i> , 2010, 7, 19-46.	1.3	24
79	Exact approaches for integrated aircraft fleetling and routing at TunisAir. <i>Computational Optimization and Applications</i> , 2011, 49, 213-239.	1.6	24
80	Reduced RLT representations for nonconvex polynomial programming problems. <i>Journal of Global Optimization</i> , 2012, 52, 447-469.	1.8	24
81	A TWO-PHASE NETWORK DESIGN HEURISTIC FOR MINIMUM COST WATER DISTRIBUTION SYSTEMS UNDER A RELIABILITY CONSTRAINT. <i>Engineering Optimization</i> , 1990, 15, 311-336.	2.6	23
82	A precedence-constrained asymmetric traveling salesman model for disassembly optimization. <i>IIE Transactions</i> , 2006, 38, 223-237.	2.1	23
83	Canonical Duality Theory: Connections between Nonconvex Mechanics and Global Optimization. <i>Advances in Mechanics and Mathematics</i> , 2009, , 257-326.	0.7	23
84	A fractional programming approach for retail category price optimization. <i>Journal of Global Optimization</i> , 2010, 48, 263-277.	1.8	23
85	Defeating symmetry in combinatorial optimization via objective perturbations and hierarchical constraints. <i>IIE Transactions</i> , 2011, 43, 575-588.	2.1	23
86	A simultaneous lifting strategy for identifying new classes of facets for the Boolean quadric polytope. <i>Operations Research Letters</i> , 1995, 17, 19-26.	0.7	22
87	Generating Cuts from Surrogate Constraint Analysis for Zero-One and Multiple Choice Programming. <i>Computational Optimization and Applications</i> , 1997, 8, 151-172.	1.6	21
88	Sequential and Simultaneous Liftings of Minimal Cover Inequalities for Generalized Upper Bound Constrained Knapsack Polytopes. <i>SIAM Journal on Discrete Mathematics</i> , 1995, 8, 133-153.	0.8	20
89	Persistency in 0-1 Polynomial Programming. <i>Mathematics of Operations Research</i> , 1998, 23, 359-389.	1.3	20
90	On joint routing and server selection for MD video streaming in ad hoc networks. <i>IEEE Transactions on Wireless Communications</i> , 2007, 6, 338-347.	9.2	20

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91	On the capacity of multiuser MIMO networks with interference. IEEE Transactions on Wireless Communications, 2008, 7, 488-494.	9.2	20
92	Configuration of airspace sectors for balancing air traffic controller workload. Annals of Operations Research, 2013, 203, 3-31.	4.1	20
93	On the computation of all eigenvalues for the eigenvalue complementarity problem. Journal of Global Optimization, 2014, 59, 307-326.	1.8	20
94	Cost-of-Quality Optimization via Zero-One Polynomial Programming. IIE Transactions, 2015, 47, 258-273.	2.1	18
95	Canonical Dual Solutions for Fixed Cost Quadratic Programs. Springer Optimization and Its Applications, 2010, , 139-156.	0.9	18
96	Allocating Emergency Response Resources to Minimize Risk with Equity Considerations. American Journal of Mathematical and Management Sciences, 2004, 24, 367-410.	0.9	17
97	A Global Optimization RLT-based Approach for Solving the Fuzzy Clustering Problem. Journal of Global Optimization, 2005, 33, 597-615.	1.8	17
98	The prize collecting Steiner tree problem: models and Lagrangian dual optimization approaches. Computational Optimization and Applications, 2008, 40, 13-39.	1.6	17
99	Reduced first-level representations via the reformulation-linearization technique: results, counterexamples, and computations. Discrete Applied Mathematics, 2000, 101, 247-267.	0.9	16
100	Convergence and Computational Analyses for Some Variable Target Value and Subgradient Deflection Methods. Computational Optimization and Applications, 2006, 34, 409-428.	1.6	16
101	On an enumerative algorithm for solving eigenvalue complementarity problems. Computational Optimization and Applications, 2014, 59, 113-134.	1.6	16
102	Nonadjacent extreme point methods for solving linear programs. Naval Research Logistics Quarterly, 1983, 30, 145-161.	0.4	15
103	A flexible, polynomial-time, construction and improvement heuristic for the quadratic assignment problem. Computers and Operations Research, 1986, 13, 587-600.	4.0	15
104	A quantitative approach for scheduling activities to reduce set-up in multiple machine lines. European Journal of Operational Research, 2008, 187, 1224-1237.	5.7	15
105	A Reformulation-Linearization Technique (RLT) for semi-infinite and convex programs under mixed 0-1 and general discrete restrictions. Discrete Applied Mathematics, 2009, 157, 1319-1333.	0.9	15
106	Network interdiction to minimize the maximum probability of evasion with synergy between applied resources. Annals of Operations Research, 2012, 196, 411-442.	4.1	15
107	Solving the single and multiple asymmetric Traveling Salesmen Problems by generating subtour elimination constraints from integer solutions. IIE Transactions, 2018, 50, 45-53.	2.4	15
108	Reformulation-Linearization Techniques for Discrete Optimization Problems. , 1998, , 479-532.		15

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109	An Integrated Simulation and Dynamic Programming Approach for Determining Optimal Runway Exit Locations. <i>Management Science</i> , 1992, 38, 1049-1062.	4.1	14
110	New modeling approaches for the design of local access transport area networks. <i>European Journal of Operational Research</i> , 2000, 127, 94-108.	5.7	14
111	RLT: A unified approach for discrete and continuous nonconvex optimization. <i>Annals of Operations Research</i> , 2007, 149, 185-193.	4.1	14
112	New formulation for the high multiplicity asymmetric traveling salesman problem with application to the Chesapeake problem. <i>Optimization Letters</i> , 2011, 5, 259-272.	1.6	14
113	Tight Relaxations for Nonconvex Optimization Problems Using the Reformulation-Linearization/Convexification Technique (RLT). <i>Nonconvex Optimization and Its Applications</i> , 2002, , 1-63.	0.1	14
114	A branch and bound algorithm for extreme point mathematical programming problems. <i>Discrete Applied Mathematics</i> , 1985, 11, 265-280.	0.9	13
115	An Inverse Reliability-based Approach for Designing under Uncertainty with Application to Robust Piston Design. <i>Journal of Global Optimization</i> , 2006, 37, 47-62.	1.8	13
116	A polyhedral study of the generalized vertex packing problem. <i>Mathematical Programming</i> , 2006, 107, 367-390.	2.4	13
117	A resource allocation approach for managing critical network-based infrastructure systems. <i>IIE Transactions</i> , 2016, 48, 826-837.	2.1	13
118	A distributed Newton's method for joint multi-hop routing and flow control: Theory and algorithm. , 2012, , .		12
119	Unbalanced, capacitated dp-median problems on a chain graph with a continuum of link demands. <i>Networks</i> , 1991, 21, 133-163.	2.7	11
120	A Pseudo-Global Optimization Approach with Application to the Design of Containerships. <i>Journal of Global Optimization</i> , 2003, 26, 335-360.	1.8	11
121	Foundation-penalty cuts for mixed-integer programs. <i>Operations Research Letters</i> , 2003, 31, 245-253.	0.7	11
122	Conjugate Gradient Projection Approach for MIMO Gaussian Broadcast Channels. , 2007, , .		11
123	Two-stage stochastic hierarchical multiple risk problems: models and algorithms. <i>Mathematical Programming</i> , 2009, 120, 403-427.	2.4	11
124	Enhancing RLT-based relaxations for polynomial programming problems via a new class of v-semidefinite cuts. <i>Computational Optimization and Applications</i> , 2012, 52, 483-506.	1.6	11
125	Tight compact models and comparative analysis for the prize collecting Steiner tree problem. <i>Discrete Applied Mathematics</i> , 2013, 161, 618-632.	0.9	11
126	Models and algorithms for job selection, routing, and scheduling in a flexible manufacturing system. <i>Annals of Operations Research</i> , 1990, 26, 433-453.	4.1	11



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127	On Node Lifetime Problem for Energy-Constrained Wireless Sensor Networks. <i>Mobile Networks and Applications</i> , 2005, 10, 865-878.	3.3	10
128	Optimal power allocation for achieving perfect secrecy capacity in MIMO wire-tap channels. , 2009, , .		10
129	Reformulationâ€œLinearization Techniques for Discrete Optimization Problems. , 2013, , 2849-2896.		10
130	Algorithmic insights and a convergence analysis for a Karmarkar-type of algorithm for linear programming problems. <i>Naval Research Logistics</i> , 1987, 34, 399-416.	2.2	9
131	Computing dynamic user equilibria for large-scale transportation networks. <i>Transportation</i> , 2006, 33, 589-604.	4.0	9
132	The approach-dependent, time-dependent, label-constrained shortest path problem. <i>Networks</i> , 2006, 48, 57-67.	2.7	9
133	The coastal seaspace patrol sector design and allocation problem. <i>Computational Management Science</i> , 2012, 9, 483-514.	1.3	9
134	Throughput Maximization for Multi-Hop Wireless Networks with Network-Wide Energy Constraint. <i>IEEE Transactions on Wireless Communications</i> , 2013, 12, 1255-1267.	9.2	9
135	Primary pharmaceutical manufacturing scheduling problem. <i>IIE Transactions</i> , 2014, 46, 1298-1314.	2.1	9
136	The second-order cone eigenvalue complementarity problem. <i>Optimization Methods and Software</i> , 2016, 31, 24-52.	2.4	9
137	Probabilistic partial set covering problems. <i>Naval Research Logistics</i> , 1991, 38, 41-51.	2.2	8
138	A leader-follower model and analysis for a two-stage network of oligopolies. <i>Annals of Operations Research</i> , 1992, 34, 37-72.	4.1	8
139	Some Classes of Valid Inequalities and Convex Hull Characterizations for Dynamic Fixed-Charge Problems under Nested Constraints. <i>Annals of Operations Research</i> , 2005, 140, 215-233.	4.1	8
140	Cross-Layer Optimization of MIMO-Based Mesh Networks Under Orthogonal Channels. , 2007, , .		8
141	Theoretical filtering of RLT bound-factor constraints for solving polynomial programming problems to global optimality. <i>Journal of Global Optimization</i> , 2013, 57, 1147-1172.	1.8	8
142	RLT-POS: Reformulation-Linearization Technique-based optimization software for solving polynomial programming problems. <i>Mathematical Programming Computation</i> , 2016, 8, 337-375.	4.8	8
143	Scheduling target illuminators in naval battle-group anti-air warfare. <i>Naval Research Logistics</i> , 1995, 42, 737-755.	2.2	7
144	Partial convexification cuts for 0â€œ1 mixed-integer programs. <i>European Journal of Operational Research</i> , 2005, 165, 625-648.	5.7	7

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145	Path Selection and Rate Allocation for Video Streaming in Multihop Wireless Networks. , 2006, , .		7
146	A branch&ndash;and&price approach for the stochastic generalized assignment problem. Naval Research Logistics, 2014, 61, 131-143.	2.2	7
147	Convex envelope results and strong formulations for a class of mixed-integer programs. Naval Research Logistics, 1996, 43, 503-518.	2.2	6
148	A Trust Region Target Value Method for Optimizing Nondifferentiable Lagrangian Duals of Linear Programs. Mathematical Methods of Operations Research, 2006, 64, 33-53.	1.0	6
149	Optimum synthesis of discrete capacitated networks with multi-terminal commodity flow requirements. Optimization Letters, 2007, 1, 341-354.	1.6	6
150	Second-order cover inequalities. Mathematical Programming, 2008, 114, 207-234.	2.4	6
151	On optimal zero-preserving corrections for inconsistent linear systems. Journal of Global Optimization, 2009, 45, 645-666.	1.8	6
152	Variational Problems for Determining Optimal Paths of a Moving Facility. Transportation Science, 1992, 26, 330-345.	4.4	5
153	Title is missing!. Computational Optimization and Applications, 1999, 14, 275-291.	1.6	5
154	On Solving Polynomial, Factorable, and Black-Box Optimization Problems Using the RLT Methodology. , 2005, , 131-163.		5
155	Joint vehicle assembly&eurotouting problems: An integrated modeling and optimization approach. Networks, 2009, 53, 249-265.	2.7	5
156	Two-Stage Stochastic Mixed-Integer Programs: Algorithms and Insights. Advances in Mechanics and Mathematics, 2009, , 405-435.	0.7	5
157	Combined bound-grid-factor constraints for enhancing RLT relaxations for polynomial programs. Journal of Global Optimization, 2011, 51, 377-393.	1.8	5
158	A column generation approach for determining optimal fleet mix, schedules, and transshipment facility locations for a vessel transportation problem. Applied Mathematical Modelling, 2013, 37, 2374-2387.	4.2	5
159	A column generation mathematical programming approach for a class-faculty assignment problem with preferences. Computational Management Science, 2015, 12, 297-318.	1.3	5
160	Discrete equal-capacity-p-median problem. Naval Research Logistics, 2000, 47, 166-183.	2.2	4
161	A new reformulation approach for the generalized partial covering problem. Naval Research Logistics, 2006, 53, 170-179.	2.2	4
162	Higher-order cover cuts from zero&quotone knapsack constraints augmented by two-sided bounding inequalities. Discrete Optimization, 2008, 5, 270-289.	0.9	4

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163	Strength of Three MIP Formulations for the Prize Collecting Steiner Tree Problem with a Quota Constraint. <i>Electronic Notes in Discrete Mathematics</i> , 2010, 36, 495-502.	0.4	4
164	On a fractional minimal cost flow problem on networks. <i>Optimization Letters</i> , 2012, 6, 1945-1949.	1.6	4
165	A property regarding degenerate pivots for linear assignment networks. <i>Networks</i> , 1982, 12, 469-474.	2.7	3
166	Convergence analysis and algorithmic implications of two dynamic processes toward an oligopolycompetitive fringe equilibrium solution. <i>Computers and Operations Research</i> , 1988, 15, 69-81.	4.0	3
167	Biconvex Models and Algorithms for Risk Management Problems. <i>American Journal of Mathematical and Management Sciences</i> , 1994, 14, 197-228.	0.9	3
168	Title is missing!. <i>IIE Transactions</i> , 1998, 30, 1065-1074.	2.1	3
169	Equivalent primal and dual differentiable reformulations of the Euclidean multifacility location problem. <i>IIE Transactions</i> , 1998, 30, 1065-1074.	2.1	3
170	WLC36-4: Optimization of Multiuser MIMO Networks with Interference. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006, , .	0.0	3
171	Higher-level RLT or disjunctive cuts based on a partial enumeration strategy for 0-1 mixed-integer programs. <i>Optimization Letters</i> , 2012, 6, 127-139.	1.6	3
172	Mathematical Analysis of the Interactions Between Oligopolistic Firms and a Competitive Fringe. <i>American Journal of Mathematical and Management Sciences</i> , 1987, 7, 149-174.	0.9	2
173	Fleet management models and algorithms for an oil-tanker routing and scheduling problem. <i>IIE Transactions</i> , 1999, 31, 395-406.	2.1	2
174	Dynamic Lagrangian dual and reduced RLT constructs for solving 0-1 mixed-integer programs. <i>Top</i> , 2012, 20, 173-189.	1.6	2
175	On the Solution of the Inverse Eigenvalue Complementarity Problem. <i>Journal of Optimization Theory and Applications</i> , 2014, 162, 88-106.	1.5	2
176	Bulk tank allocation to improve distribution planning for the industrial gas industry. <i>IIE Transactions</i> , 2014, 46, 557-566.	2.1	2
177	RLT insights into lift-and-project closures. <i>Optimization Letters</i> , 2015, 9, 19-39.	1.6	2
178	On the numerical solution of the quadratic eigenvalue complementarity problem. <i>Numerical Algorithms</i> , 2016, 72, 721-747.	1.9	2
179	Single-commodity flow-based formulations and accelerated benders algorithms for the high-multiplicity asymmetric traveling salesman problem and its extensions. <i>Journal of the Operational Research Society</i> , 2018, 69, 734-746.	3.4	2
180	A New Compact Formulation for the Daily Crew Pairing Problem. <i>Transportation Science</i> , 0, , .	4.4	2

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181	An Insightful Marginal Cost Analysis for an Electric Utility Capacity Planning Problem. IIE Transactions, 1985, 17, 378-387.	2.1	1
182	Strategic and Tactical Models and Algorithms for the Coal Industry Under the 1990 Clean Air Act. Network Optimization Problems: Algorithms, Applications and Complexity, 1993, , 233-262.	0.1	1
183	A class of multi-level balanced Foundation-Penalty cuts for mixed-integer programs. International Journal of Computational Science and Engineering, 2007, 3, 203.	0.5	1
184	Siting and Sizing of Facilities under Probabilistic Demands. Journal of Optimization Theory and Applications, 2011, 149, 420-440.	1.5	1
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