

Scenarios and Policy Aggregation in Optimization Under

Mathematics of Operations Research

16, 119-147

DOI: [10.1287/moor.16.1.119](https://doi.org/10.1287/moor.16.1.119)

Citation Report

#	ARTICLE	IF	CITATIONS
1	OR Practiceâ€”Large-Scale Nonlinear Network Models and Their Application. Operations Research, 1989, 37, 353-372.	1.2	74
2	Parallel processors for planning under uncertainty. Annals of Operations Research, 1990, 22, 1-21.	2.6	125
3	5.2 Decomposition and importance sampling for stochastic linear models. Energy, 1990, 15, 645-659.	4.5	7
4	A Successive Linear Approximation Procedure for Stochastic, Dynamic Vehicle Allocation Problems. Transportation Science, 1990, 24, 40-57.	2.6	124
5	Structural properties of the progressive hedging algorithm. Annals of Operations Research, 1991, 31, 445-455.	2.6	19
6	Solving multistage stochastic networks: An application of scenario aggregation. Networks, 1991, 21, 619-643.	1.6	55
7	Robust Solutions in Stochastic Linear Programming. Journal of the Operational Research Society, 1991, 42, 857-870.	2.1	18
8	Stochastic Decomposition: An Algorithm for Two-Stage Linear Programs with Recourse. Mathematics of Operations Research, 1991, 16, 650-669.	0.8	364
9	Parallel Constraint Distribution. SIAM Journal on Optimization, 1991, 1, 487-500.	1.2	17
10	Formulating Two-Stage Stochastic Programs for Interior Point Methods. Operations Research, 1991, 39, 757-770.	1.2	116
11	Stochastic Network Programming for Financial Planning Problems. Management Science, 1992, 38, 1642-1664.	2.4	220
12	A Dual-Based Procedure for Stochastic Facility Location. Operations Research, 1992, 40, 564-573.	1.2	112
13	Dynamic optimization: a grand unification. , 0, , .		3
14	A diagonal quadratic approximation method for linear multistage stochastic programming problems. , 1992, , 588-597.		4
15	Splitting dense columns of constraint matrix in interior point methods for large scale linear programming¹¹The results discussed in the paper have been obtained when the author was staying at LAMSADE, University of Paris Dauphine, Place du Marechal de Lattre de Tassigny, 75775 Paris Cedex 16, France\$ef:²²A preliminary version of the paper has been presented at the Applied Mathematical Programming and Modelling Symposium APMODâ€™91 in London, January 14-16, 1991\$ef:. Optimization, 1992, 24, 285-297.	1.0	17
16	Sensitivity method for basis inverse representation in multistage stochastic linear programming problems. Journal of Optimization Theory and Applications, 1992, 74, 221-242.	0.8	5
17	A diagonal quadratic approximation method for large scale linear programs. Operations Research Letters, 1992, 12, 205-215.	0.5	83
18	On the Douglasâ€™Rachford splitting method and the proximal point algorithm for maximal monotone operators. Mathematical Programming, 1992, 55, 293-318.	1.6	2,031

#	ARTICLE	IF	CITATIONS
19	Application of the scenario aggregation approach to a two-stage, stochastic, common component, inventory problem with a budget constraint. <i>European Journal of Operational Research</i> , 1993, 68, 196-211.	3.5	26
20	Production planning via scenario modelling. <i>Annals of Operations Research</i> , 1993, 43, 309-335.	2.6	102
21	Parallel decomposition of multistage stochastic programming problems. <i>Mathematical Programming</i> , 1993, 58, 201-228.	1.6	131
22	Bounding multi-stage stochastic programs from above. <i>Mathematical Programming</i> , 1993, 61, 111-129.	1.6	7
23	Stochastic Dedication: Designing Fixed Income Portfolios Using Massively Parallel Benders Decomposition. <i>Management Science</i> , 1993, 39, 1422-1438.	2.4	72
24	Dynamic and Stochastic Models for the Allocation of Empty Containers. <i>Operations Research</i> , 1993, 41, 102-126.	1.2	299
25	Massively Parallel Proximal Algorithms for Solving Linear Stochastic Network Programs. <i>The International Journal of Supercomputer Applications</i> , 1993, 7, 349-364.	0.6	6
26	Some financial optimization models: II Financial engineering. , 1993, , 37-71.		15
27	Stochastic dynamic optimization: Modelling and methodological aspects. <i>Lecture Notes in Control and Information Sciences</i> , 1994, , 332-341.	0.6	0
28	Scenario aggregation in single-resource production planning models with uncertain demand. <i>Production Planning and Control</i> , 1994, 5, 271-281.	5.8	1
29	Data parallel computing for network-structured optimization problems. <i>Computational Optimization and Applications</i> , 1994, 3, 199-242.	0.9	9
30	Inexact subgradient methods with applications in stochastic programming. <i>Mathematical Programming</i> , 1994, 63, 65-82.	1.6	7
31	Multistage stochastic programming: Error analysis for the convex case. <i>Zeitschrift Fuer Operations-Research, Serie B: Praxis</i> , 1994, 39, 93-122.	0.3	12
32	Stochastic programs over trees with random arc capacities. <i>Networks</i> , 1994, 24, 161-175.	1.6	24
33	A network recourse decomposition method for dynamic networks with random arc capacities. <i>Networks</i> , 1994, 24, 369-384.	1.6	32
34	Stochastic heat storage problem solved by the progressive hedging algorithm. <i>Energy Conversion and Management</i> , 1994, 35, 1157-1171.	4.4	15
35	Network planning under uncertainty with an application to hydropower generation. <i>Top</i> , 1994, 2, 25-58.	1.1	9
36	An Extension of the DQA Algorithm to Convex Stochastic Programs. <i>SIAM Journal on Optimization</i> , 1994, 4, 735-753.	1.2	51

#	ARTICLE	IF	CITATIONS
37	Parallel Factorization of Structured Matrices Arising in Stochastic Programming. SIAM Journal on Optimization, 1994, 4, 833-846.	1.2	56
38	On Smoothing Exact Penalty Functions for Convex Constrained Optimization. SIAM Journal on Optimization, 1994, 4, 486-511.	1.2	96
39	A game-theoretic control approach for job shops in the presence of disruptions. International Journal of Production Research, 1994, 32, 1451-1476.	4.9	33
40	Parallel and Supercomputing in the Practice of Management Science. Interfaces, 1994, 24, 122-140.	1.6	9
41	Restricted Recourse Strategies for Dynamic Networks with Random Arc Capacities. Transportation Science, 1994, 28, 3-23.	2.6	31
42	A Method of Solving a Stochastic Generalized Transportation Problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 523-529.	0.4	0
43	Chapter 15 Asset and liability allocation in a global environment. Handbooks in Operations Research and Management Science, 1995, 9, 435-463.	0.6	18
44	Epigraphical nesting: A unifying theory for the convergence of algorithms. Journal of Optimization Theory and Applications, 1995, 84, 339-360.	0.8	6
45	Algorithms for the solution of stochastic dynamic minimax problems. Computational Optimization and Applications, 1995, 4, 317-345.	0.9	35
46	Distributional efficiency in multiobjective stochastic linear programming. European Journal of Operational Research, 1995, 85, 399-415.	3.5	17
47	Grey integer programming: An application to waste management planning under uncertainty. European Journal of Operational Research, 1995, 83, 594-620.	3.5	362
48	On solving stochastic production planning problems via scenario modelling. Top, 1995, 3, 69-95.	1.1	19
49	Scenario analysis via bundle decomposition. Annals of Operations Research, 1995, 56, 39-63.	2.6	19
50	SOCRATES: A system for scheduling hydroelectric generation under uncertainty. Annals of Operations Research, 1995, 59, 99-133.	2.6	102
51	Grey fuzzy integer programming: An application to regional waste management planning under uncertainty. Socio-Economic Planning Sciences, 1995, 29, 17-38.	2.5	104
52	A scenario aggregation algorithm for the solution of stochastic dynamic minimax problems. Stochastic and Stochastics Reports, 1995, 53, 305-322.	0.6	5
53	Hydropower generation management under uncertainty via scenario analysis and parallel computation. , 0, , .		2
54	On Convergence of an Augmented Lagrangian Decomposition Method for Sparse Convex Optimization. Mathematics of Operations Research, 1995, 20, 634-656.	0.8	100

#	ARTICLE	IF	CITATIONS
55	A New Scenario Decomposition Method for Large-Scale Stochastic Optimization. <i>Operations Research</i> , 1995, 43, 477-490.	1.2	317
56	Chapter 3 Stochastic and dynamic networks and routing. <i>Handbooks in Operations Research and Management Science</i> , 1995, , 141-295.	0.6	165
58	A stochastic model for the unit commitment problem. <i>IEEE Transactions on Power Systems</i> , 1996, 11, 1497-1508.	4.6	417
59	Solving robust optimization models in finance. , 0, , .		1
60	Effects of Air Traffic Congestion Delays under Several Flow-Management Policies. <i>Transportation Research Record</i> , 1996, 1517, 29-36.	1.0	6
61	Models and Algorithms for Distribution Problems with Uncertain Demands. <i>Transportation Science</i> , 1996, 30, 43-59.	2.6	63
62	On the formulation of stochastic linear programs using algebraic modelling languages. <i>Annals of Operations Research</i> , 1996, 64, 83-112.	2.6	28
63	Second-order scenario approximation and refinement in optimization under uncertainty. <i>Annals of Operations Research</i> , 1996, 64, 143-178.	2.6	11
64	An enhanced decomposition algorithm for multistage stochastic hydroelectric scheduling. <i>Annals of Operations Research</i> , 1996, 64, 211-235.	2.6	49
65	On augmented Lagrangian decomposition methods for multistage stochastic programs. <i>Annals of Operations Research</i> , 1996, 64, 289-309.	2.6	31
66	Duality and statistical tests of optimality for two stage stochastic programs. <i>Mathematical Programming</i> , 1996, 75, 257-275.	1.6	23
67	Barycentric scenario trees in convex multistage stochastic programming. <i>Mathematical Programming</i> , 1996, 75, 277-293.	1.6	59
68	A parallel implementation of the nested decomposition algorithm for multistage stochastic linear programs. <i>Mathematical Programming</i> , 1996, 75, 327-352.	1.6	75
69	Solving multistage stochastic network programs on massively parallel computers. <i>Mathematical Programming</i> , 1996, 73, 227-250.	1.6	19
70	Alternating direction splitting for block Angular parallel optimization. <i>Journal of Optimization Theory and Applications</i> , 1996, 90, 1-29.	0.8	15
71	Some insights regarding selecting sets of scenarios in combinatorial stochastic problems. <i>International Journal of Production Economics</i> , 1996, 45, 463-472.	5.1	7
72	Progressive hedging and tabu search applied to mixed integer (0,1) multistage stochastic programming. <i>Journal of Heuristics</i> , 1996, 2, 111.	1.1	119
73	IPWM: AN INTERVAL PARAMETER WATER QUALITY MANAGEMENT MODEL. <i>Engineering Optimization</i> , 1996, 26, 79-103.	1.5	224

#	ARTICLE	IF	CITATIONS
74	On a distributed implementation of a decomposition method for multistage linear stochastic programs. Optimization, 1996, 38, 193-200.	1.0	0
75	Hydropower generation management under uncertainty via scenario analysis and parallel computation. IEEE Transactions on Power Systems, 1996, 11, 683-689.	4.6	59
76	Stochastic Programming and Robust Optimization. Profiles in Operations Research, 1997, , 411-463.	0.3	4
77	Distribution network expansion planning under uncertainty: a hedging algorithm in an evolutionary approach. , 0, , .		3
78	Iterative Averaging of Entropic Projections for Solving Stochastic Convex Feasibility Problems. Computational Optimization and Applications, 1997, 8, 21-39.	0.9	70
79	Decomposition methods in stochastic programming. Mathematical Programming, 1997, 79, 333-353.	1.6	113
80	A gaussian upper bound for gaussian multi-stage stochastic linear programs. Mathematical Programming, 1997, 77, 1-21.	1.6	3
81	Strategic financial risk management and operations research. European Journal of Operational Research, 1997, 97, 1-16.	3.5	84
82	Modelling and analysis of multistage stochastic programming problems: A software environment. European Journal of Operational Research, 1997, 101, 343-359.	3.5	27
83	Survey of mathematical programming models in air pollution management. European Journal of Operational Research, 1997, 96, 1-35.	3.5	100
84	Solving long-term financial planning problems via global optimization. Journal of Economic Dynamics and Control, 1997, 21, 1405-1425.	0.9	100
85	Optimal feedback solution of a constrained stochastic one-storage model. Optimal Control Applications and Methods, 1997, 18, 445-452.	1.3	0
86	Title is missing!. Computational Optimization and Applications, 1998, 9, 107-152.	0.9	4
87	Dynamic stochastic programming for asset-liability management. Annals of Operations Research, 1998, 81, 131-162.	2.6	149
88	A variable-penalty alternating directions method for convex optimization. Mathematical Programming, 1998, 83, 29-53.	1.6	73
89	A branch and bound method for stochastic global optimization. Mathematical Programming, 1998, 83, 425-450.	1.6	199
90	Optimal distribution network expansion planning under uncertainty by evolutionary decision convergence. International Journal of Electrical Power and Energy Systems, 1998, 20, 125-129.	3.3	50
92	SEGEM: a simulation approach for electric generation management. IEEE Transactions on Power Systems, 1998, 13, 738-748.	4.6	7

#	ARTICLE	IF	CITATIONS
93	Applying Robust Optimization to Capacity Expansion of One Location in Telecommunications with Demand Uncertainty. <i>Management Science</i> , 1998, 44, S101-S110.	2.4	95
94	Operator-Splitting Methods for Monotone Affine Variational Inequalities, with a Parallel Application to Optimal Control. <i>INFORMS Journal on Computing</i> , 1998, 10, 218-235.	1.0	61
95	Stopping Rules for a Class of Sampling-Based Stochastic Programming Algorithms. <i>Operations Research</i> , 1998, 46, 710-718.	1.2	13
96	A Two-Stage Stochastic Network Model and Solution Methods for the Dynamic Empty Container Allocation Problem. <i>Transportation Science</i> , 1998, 32, 142-162.	2.6	207
97	Concepts, Technical Issues, and Uses of the Russell-Yasuda Kasai Financial Planning Model. <i>Operations Research</i> , 1998, 46, 450-462.	1.2	141
98	Oil field optimization under price uncertainty. <i>Journal of the Operational Research Society</i> , 1998, 49, 811-818.	2.1	42
99	Dynamic Stochastic Programming For Asset-liability Management. <i>SSRN Electronic Journal</i> , 1998, , .	0.4	16
100	The Unit Commitment Problem. , 1999, , 298-321.		1
101	An Introductory Tutorial on Stochastic Linear Programming Models. <i>Interfaces</i> , 1999, 29, 33-61.	1.6	148
102	An interior point multiobjective programming approach for production planning with uncertain information. <i>Computers and Industrial Engineering</i> , 1999, 37, 631-648.	3.4	3
103	CORO, a modeling and an algorithmic framework for oil supply, transformation and distribution optimization under uncertainty. <i>European Journal of Operational Research</i> , 1999, 114, 638-656.	3.5	85
104	Schumann, a modeling framework for supply chain management under uncertainty. <i>European Journal of Operational Research</i> , 1999, 119, 14-34.	3.5	65
105	Dual decomposition in stochastic integer programming. <i>Operations Research Letters</i> , 1999, 24, 37-45.	0.5	403
106	Robust solutions of uncertain linear programs. <i>Operations Research Letters</i> , 1999, 25, 1-13.	0.5	1,383
107	A parallel computation approach for solving multistage stochastic network problems. <i>Annals of Operations Research</i> , 1999, 90, 131-160.	2.6	16
108	Statistical approximations for stochastic linear programming problems. <i>Annals of Operations Research</i> , 1999, 85, 173-193.	2.6	27
109	Stochastic integer programming: General models and algorithms. <i>Annals of Operations Research</i> , 1999, 85, 39-57.	2.6	135
110	Title is missing!. <i>Annals of Operations Research</i> , 1999, 90, 161-184.	2.6	41

#	ARTICLE	IF	CITATIONS
111	Bound-based approximations in multistage stochastic programming: Nonanticipativity aggregation. <i>Annals of Operations Research</i> , 1999, 85, 103-127.	2.6	27
112	Some advances in decomposition methods for stochastic linear programming. <i>Annals of Operations Research</i> , 1999, 85, 153-172.	2.6	16
113	Scalable parallel computations for large-scale stochastic programming. <i>Annals of Operations Research</i> , 1999, 90, 87-129.	2.6	23
114	Convergent Cutting-Plane and Partial-Sampling Algorithm for Multistage Stochastic Linear Programs with Recourse. <i>Journal of Optimization Theory and Applications</i> , 1999, 102, 497-524.	0.8	79
115	Response surface analysis of two-stage stochastic linear programming with recourse. <i>Naval Research Logistics</i> , 1999, 46, 753-776.	1.4	22
116	Financial risk management in a competitive electricity market. <i>IEEE Transactions on Power Systems</i> , 1999, 14, 1285-1291.	4.6	139
117	Hedging large-scale distribution system investments against uncertainty. , 1999, , .		3
118	An effective approach for job-shop scheduling with uncertain processing requirements. <i>IEEE Transactions on Automation Science and Engineering</i> , 1999, 15, 328-339.	2.4	65
119	Proximal Decomposition Via Alternating Linearization. <i>SIAM Journal on Optimization</i> , 1999, 9, 668-689.	1.2	41
120	Modern Optimisation Techniques in Power Systems. , 1999, , .		59
121	Surface water quality management using a multiple-realization chance constraint method. <i>Water Resources Research</i> , 1999, 35, 1657-1670.	1.7	53
122	Shape " A Stochastic Hybrid Approximation Procedure for Two-Stage Stochastic Programs. <i>Operations Research</i> , 2000, 48, 73-79.	1.2	36
123	Lagrangian Solution Techniques and Bounds for Loosely Coupled Mixed-Integer Stochastic Programs. <i>Operations Research</i> , 2000, 48, 91-98.	1.2	60
124	Scenario-integrated modeling and optimization of dynamic systems. <i>AIChE Journal</i> , 2000, 46, 803-823.	1.8	28
125	Selected parallel optimization methods for financial management under uncertainty. <i>Parallel Computing</i> , 2000, 26, 3-25.	1.3	18
126	Computational solution of capacity planning models under uncertainty. <i>Parallel Computing</i> , 2000, 26, 511-538.	1.3	106
127	A Cray T3E implementation of a parallel stochastic dynamic assets and liabilities management model. <i>Parallel Computing</i> , 2000, 26, 539-567.	1.3	6
128	A stochastic "1 program based approach for the air traffic flow management problem. <i>European Journal of Operational Research</i> , 2000, 120, 47-62.	3.5	48

#	ARTICLE	IF	CITATIONS
129	Decreasing the sensitivity of open-loop optimal solutions in decision making under uncertainty. European Journal of Operational Research, 2000, 121, 343-362.	3.5	32
130	A scenario-based stochastic programming model for water supplies from the highland lakes. International Transactions in Operational Research, 2000, 7, 211-230.	1.8	90
131	Title is missing!. Computational Economics, 2000, 15, 25-57.	1.5	5
132	Iterative Methods of Solving Stochastic Convex Feasibility Problems and Applications. Computational Optimization and Applications, 2000, 15, 269-307.	0.9	19
133	WARSYP: a robust modeling approach for water resources system planning under uncertainty. Annals of Operations Research, 2000, 95, 313-339.	2.6	38
134	Scenarios for Multistage Stochastic Programs. Annals of Operations Research, 2000, 100, 25-53.	2.6	380
135	Title is missing!. Annals of Operations Research, 2000, 99, 227-250.	2.6	13
136	Primal-Dual Constraint Aggregation with Application to Stochastic Programming. Annals of Operations Research, 2000, 99, 41-58.	2.6	1
137	Title is missing!. Annals of Operations Research, 2000, 100, 251-272.	2.6	199
138	A Stochastic Programming Model for Currency Option Hedging. Annals of Operations Research, 2000, 100, 227-249.	2.6	19
139	Discovery of sequential patterns from large database in supply chain. , 0, , .		1
140	Incorporating Fuel Constraints and Electricity Spot Prices into the Stochastic Unit Commitment Problem. Operations Research, 2000, 48, 268-280.	1.2	165
141	A Dynamic Network Flow Problem with Uncertain arc Capacities: Formulation and Problem Structure. Operations Research, 2000, 48, 233-242.	1.2	56
142	Distribution network expansion planning under uncertainty: a hedging algorithm in an evolutionary approach. IEEE Transactions on Power Delivery, 2000, 15, 412-416.	2.9	36
143	Planning large-scale distribution networks for robust expansion under deregulation. , 0, , .		2
145	Oligopolistic Market Equilibrium. , 2001, , 1789-1792.		0
146	Coordinating fuel inventory and electric power generation under uncertainty. IEEE Transactions on Power Systems, 2001, 16, 603-608.	4.6	6
147	An Adaptive, Distribution-Free Algorithm for the Newsvendor Problem with Censored Demands, with Applications to Inventory and Distribution. Management Science, 2001, 47, 1101-1112.	2.4	178

#	ARTICLE	IF	CITATIONS
148	Robust expansion planning of distribution networks with independent generators. , 0, , .		5
149	Introduction to financial optimization: Mathematical Programming Special Issue. Mathematical Programming, 2001, 89, 205-216.	1.6	15
150	A Log-Barrier method with Benders decomposition for solving two-stage stochastic linear programs. Mathematical Programming, 2001, 90, 507-536.	1.6	59
151	Progressive hedging as a meta-heuristic applied to stochastic lot-sizing. European Journal of Operational Research, 2001, 132, 116-122.	3.5	56
152	Scenario generation and stochastic programming models for asset liability management. European Journal of Operational Research, 2001, 134, 279-292.	3.5	193
153	A risk function for the stochastic modeling of electric capacity expansion. Naval Research Logistics, 2001, 48, 662-683.	1.4	5
154	Title is missing!. Computational Optimization and Applications, 2001, 20, 227-244.	0.9	60
155	Title is missing!. Computational Optimization and Applications, 2001, 18, 233-250.	0.9	14
156	Sequential Quadratic Programming: Interior Point Methods for Distributed Optimal Control Problems. , 2001, , 2343-2346.		0
157	Stochastic Bilevel Programs. , 2001, , 2464-2471.		1
158	Successive Quadratic Programming: Applications in the Process Industry. , 2001, , 2574-2587.		2
159	Single Facility Location: Multi-Objective Euclidean Distance Location. , 2001, , 2401-2404.		2
160	A Riccati-based primal interior point solver for multistage stochastic programming extensions. Optimization Methods and Software, 2002, 17, 383-407.	1.6	11
161	An Adaptive Dynamic Programming Algorithm for Dynamic Fleet Management, I: Single Period Travel Times. Transportation Science, 2002, 36, 21-39.	2.6	185
162	Capacitated Network Design with Uncertain Demand. INFORMS Journal on Computing, 2002, 14, 247-260.	1.0	26
163	A Stochastic Model for a Price-Based Unit Commitment Problem and Its Application to Short-Term Generation Asset Valuation. , 2002, , 117-138.		5
164	Formaci3n de Carteras de Renta Fija con Escenarios Sobre los Tipos de Inter3s. Revista Espanola De Financiacion Y Contabilidad, 2002, 31, 1151-1177.	0.3	0
165	Coordinating fuel inventory and electric power generation under uncertainty. IEEE Transactions on Power Systems, 2002, 17, 13-18.	4.6	7

#	ARTICLE	IF	CITATIONS
166	Comparison of Multistage Stochastic Programs with Recourse and Stochastic Dynamic Programs with Discrete Time. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2002, 82, 753-765.	0.9	11
167	A decomposition procedure based on approximate Newton directions. Mathematical Programming, 2002, 93, 495-515.	1.6	148
168	Title is missing!. Journal of Global Optimization, 2003, 26, 97-124.	1.1	189
169	On Multiple Criteria Decision Support for Suppliers on the Competitive Electric Power Market. Annals of Operations Research, 2003, 121, 79-104.	2.6	13
170	Laureano F. Escudero. Top, 2003, 11, 206-214.	1.1	0
171	Decomposition of test sets in stochastic integer programming. Mathematical Programming, 2003, 94, 323-341.	1.6	36
172	BFC, A branch-and-fix coordination algorithmic framework for solving some types of stochastic pure and mixed 0-1 programs. European Journal of Operational Research, 2003, 151, 503-519.	3.5	90
173	An Interior-Point Approach to Multi-Stage Stochastic Programming. , 2003, , 137-170.		0
174	A Decomposition Method Based on SQP for a Class of Multistage Stochastic Nonlinear Programs. SIAM Journal on Optimization, 2003, 14, 200-222.	1.2	5
175	A time-window sliding procedure for driver-task assignment with random service times. IIE Transactions, 2003, 35, 433-444.	2.1	14
177	Compact trees: a new approach to model uncertainty for the management of power systems. , 0, , .		0
178	An Approximation Scheme for Stochastic Integer Programs Arising in Capacity Expansion. Operations Research, 2003, 51, 461-471.	1.2	97
179	Decomposition Methods. Handbooks in Operations Research and Management Science, 2003, , 141-211.	0.6	46
180	Asset Liability Management: A Review and Some New Results in the Presence of Heavy Tails. , 2003, , 509-546.		1
181	On Bridging the Gap Between Stochastic Integer Programming and MIP Solver Technologies. INFORMS Journal on Computing, 2004, 16, 73-83.	1.0	18
182	Lagrangian relaxation method for price-based unit commitment problem. Engineering Optimization, 2004, 36, 705-719.	1.5	25
183	Stochastic unit commitment problem. International Transactions in Operational Research, 2004, 11, 19-32.	1.8	76
184	Branch-and-Price Methods for Prescribing Profitable Upgrades of High-Technology Products with Stochastic Demands*. Decision Sciences, 2004, 35, 55-82.	3.2	7

#	ARTICLE	IF	CITATIONS
185	Better Optimization of Nonlinear Uncertain Systems (BONUS): A New Algorithm for Stochastic Programming Using Reweighting through Kernel Density Estimation. <i>Annals of Operations Research</i> , 2004, 132, 47-68.	2.6	37
186	A New Decomposition Technique in Solving Multistage Stochastic Linear Programs by Infeasible Interior Point Methods. <i>Journal of Global Optimization</i> , 2004, 28, 197-215.	1.1	9
187	Deployment of Mobile Switching Centers in a Telecommunications Network: A Stochastic Programming Approach. <i>Telecommunication Systems</i> , 2004, 26, 93-109.	1.6	10
188	A finite branch-and-bound algorithm for two-stage stochastic integer programs. <i>Mathematical Programming</i> , 2004, 100, 355-377.	1.6	169
189	Duality gaps in nonconvex stochastic optimization. <i>Mathematical Programming</i> , 2004, 101, 515-535.	1.6	27
190	Modeling financial reinsurance in the casualty insurance business via stochastic programming. <i>Journal of Economic Dynamics and Control</i> , 2004, 28, 991-1012.	0.9	10
191	Financial planning via multi-stage stochastic optimization. <i>Computers and Operations Research</i> , 2004, 31, 1-20.	2.4	76
192	Optimization under uncertainty: state-of-the-art and opportunities. <i>Computers and Chemical Engineering</i> , 2004, 28, 971-983.	2.0	893
193	A comparison of optimal control and stochastic programming from a formulation and computation perspective. <i>Computers and Chemical Engineering</i> , 2004, 29, 149-164.	2.0	29
194	A Lagrangian relaxation and column generation algorithm for stochastic unit commitment problem. <i>Journal of Statistics and Management Systems</i> , 2004, 7, 519-535.	0.3	0
195	Simulation-based parametric optimization for long-term asset allocation using behavioral utilities. <i>Applied Mathematical Modelling</i> , 2005, 29, 309-320.	2.2	5
196	A DSS for water resources management under uncertainty by scenario analysis. <i>Environmental Modelling and Software</i> , 2005, 20, 1031-1042.	1.9	111
197	A replenishment decision involving partial postponement. <i>OR Spectrum</i> , 2005, 27, 1-19.	2.1	11
198	Applying the minimax criterion in stochastic recourse programs. <i>European Journal of Operational Research</i> , 2005, 165, 569-584.	3.5	15
199	Dynamic portfolio optimization: Time decomposition using the Maximum Principle with a scenario approach. <i>European Journal of Operational Research</i> , 2005, 163, 217-229.	3.5	30
200	A Lagrangian Dual Method with Self-Concordant Barriers for Multi-Stage Stochastic Convex Programming. <i>Mathematical Programming</i> , 2005, 102, 1-24.	1.6	28
201	The C3 Theorem and a D2 Algorithm for Large Scale Stochastic Mixed-Integer Programming: Set Convexification. <i>Mathematical Programming</i> , 2005, 104, 1-20.	1.6	116
202	A Scenario Aggregation-Based Approach for Determining a Robust Airline Fleet Composition for Dynamic Capacity Allocation. <i>Transportation Science</i> , 2005, 39, 367-382.	2.6	71

#	ARTICLE	IF	CITATIONS
203	Stochastic Programming: Optimization When Uncertainty Matters. , 2005, , 30-53.		47
204	Reinforcement Scheduling Convergence in Power Systems Transmission Planning. IEEE Transactions on Power Systems, 2005, 20, 1151-1157.	4.6	19
205	LP Modeling for Asset-Liability Management: A Survey of Choices and Simplifications. Operations Research, 2005, 53, 181-196.	1.2	39
206	Market-Clearing With Stochastic Security” Part I: Formulation. IEEE Transactions on Power Systems, 2005, 20, 1818-1826.	4.6	347
207	Medium Term Power Planning With Bilateral Contracts. IEEE Transactions on Power Systems, 2005, 20, 627-633.	4.6	61
208	Multiobjective Decision Processes under Uncertainty: Applications, Problem Formulations, and Solution Strategies. Industrial & Engineering Chemistry Research, 2005, 44, 2405-2415.	1.8	15
209	13. Modeling Production Planning and Scheduling under Uncertainty. , 2005, , 217-252.		6
210	16. A Stochastic Programming Model for Network Resource Utilization in the Presence of Multiclass Demand Uncertainty. , 2005, , 299-313.		5
211	21. Groundwater Pollution Control. , 2005, , 409-424.		3
212	Algorithms for Stochastic Mixed-Integer Programming Models. Handbooks in Operations Research and Management Science, 2005, , 515-558.	0.6	51
213	Multistage stochastic convex programs: Duality and its implications. Annals of Operations Research, 2006, 142, 129-146.	2.6	4
214	Solving a Dynamic and Stochastic Vehicle Routing Problem with a Sample Scenario Hedging Heuristic. Transportation Science, 2006, 40, 421-438.	2.6	147
215	Optimal asset-liability management with constraints: A dynamic programming approach. Applied Mathematics and Computation, 2006, 173, 306-349.	1.4	10
216	An efficient algorithm for large scale stochastic nonlinear programming problems. Computers and Chemical Engineering, 2006, 30, 864-877.	2.0	16
217	Approximate dynamic programming based approach to process control and scheduling. Computers and Chemical Engineering, 2006, 30, 1603-1618.	2.0	58
218	Total allowable catch for managing squat lobster fishery using stochastic nonlinear programming. Computers and Operations Research, 2006, 33, 2113-2124.	2.4	4
219	A heuristic procedure for stochastic integer programs with complete recourse. European Journal of Operational Research, 2006, 171, 879-890.	3.5	10
220	A local convergence analysis of bilevel decomposition algorithms. Optimization and Engineering, 2006, 7, 99-133.	1.3	57

#	ARTICLE	IF	CITATIONS
221	Parallelizable Preprocessing Method for Multistage Stochastic Programming Problems. Journal of Optimization Theory and Applications, 2006, 131, 327-346.	0.8	1
222	A management system for decompositions in stochastic programming. Annals of Operations Research, 2006, 142, 99-118.	2.6	7
223	A splitting method for stochastic programs. Annals of Operations Research, 2006, 142, 259-268.	2.6	4
224	A Class of stochastic programs with decision dependent uncertainty. Mathematical Programming, 2006, 108, 355-394.	1.6	168
225	Planning for a Big Bang in a Supply Chain: Fast Hedging for Production Indicators. , 2006, , .		4
226	Robust Airline Fleet Assignment: Imposing Station Purity Using Station Decomposition. Transportation Science, 2006, 40, 497-516.	2.6	61
227	Stochastic linear programming with scarce information: an approach from expected utility and bounded rationality applied to the textile industry. Engineering Optimization, 2006, 38, 425-440.	1.5	3
228	Scenario Formulation of Stochastic Linear Programs and the Homogeneous Self-Dual Interior-Point Method. INFORMS Journal on Computing, 2006, 18, 444-454.	1.0	6
229	Planning of Exploitation of Electric Systems Including Environmental Criteria. , 2006, , .		0
230	Chapter 20 Optimization Methods in Dynamic Portfolio Management. Handbooks in Operations Research and Management Science, 2007, , 845-865.	0.6	11
231	Computational Assessment of Nested Benders and Augmented Lagrangian Decomposition for Mean-Variance Multistage Stochastic Problems. INFORMS Journal on Computing, 2007, 19, 239-247.	1.0	17
232	Extending algebraic modelling languages to support algorithm development for solving stochastic programming models. IMA Journal of Management Mathematics, 2007, 19, 325-345.	1.1	2
233	The SMPS format explained. IMA Journal of Management Mathematics, 2007, 19, 347-377.	1.1	3
234	Investment in Transportation Network Capacity under Uncertainty. Transportation Research Record, 2007, 2039, 67-74.	1.0	11
235	A compact mean-variance-skewness model for large-scale portfolio optimization and its application to the NYSE market. Journal of the Operational Research Society, 2007, 58, 505-515.	2.1	19
236	Participatory scenario analysis for integrated regional modelling. Landscape and Urban Planning, 2007, 81, 114-131.	3.4	153
237	Decomposition-Based Interior Point Methods for Two-Stage Stochastic Semidefinite Programming. SIAM Journal on Optimization, 2007, 18, 206-222.	1.2	24
238	Monte-carlo driven stochastic optimization framework for handling fabrication variability. IEEE/ACM International Conference on Computer-Aided Design, Digest of Technical Papers, 2007, , .	0.0	4

#	ARTICLE	IF	CITATIONS
239	Security-Constrained Unit Commitment with Stochastic Constraints. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	2
240	Stochastic Security-Constrained Unit Commitment. IEEE Transactions on Power Systems, 2007, 22, 800-811.	4.6	716
241	Short-term Operating Strategy with Consideration of Load Forecast and Generating Unit Uncertainty. IEEE Transactions on Power and Energy, 2007, 127, 1159-1167.	0.1	6
242	A hybrid evolutionary algorithm for solving two-stage stochastic integer programs in chemical batch scheduling. Computers and Chemical Engineering, 2007, 31, 630-647.	2.0	57
243	On a stochastic sequencing and scheduling problem. Computers and Operations Research, 2007, 34, 2604-2624.	2.4	20
244	Stochastic programming for optimizing bidding strategies of a Nordic hydropower producer. European Journal of Operational Research, 2007, 181, 916-928.	3.5	143
245	Multi-period stochastic portfolio optimization: Block-separable decomposition. Annals of Operations Research, 2007, 152, 367-394.	2.6	12
246	The value of the stochastic solution in multistage problems. Top, 2007, 15, 48-64.	1.1	88
247	Inexact multistage stochastic integer programming for water resources management under uncertainty. Journal of Environmental Management, 2008, 88, 93-107.	3.8	92
248	A Pricing Mechanism for Resource Management in Grid Computing. Computational Economics, 2008, 31, 381-395.	1.5	1
249	An organizational model for transitional negotiations: concepts, design and applications. Group Decision and Negotiation, 2008, 17, 157-173.	2.0	7
250	IFMP: Interval-fuzzy multistage programming for water resources management under uncertainty. Resources, Conservation and Recycling, 2008, 52, 800-812.	5.3	78
251	Genetic Algorithm based technique for solving Chance Constrained Problems. European Journal of Operational Research, 2008, 185, 1128-1154.	3.5	66
252	GENCO's Risk-Based Maintenance Outage Scheduling. IEEE Transactions on Power Systems, 2008, 23, 127-136.	4.6	77
253	Cost of Reliability Analysis Based on Stochastic Unit Commitment. IEEE Transactions on Power Systems, 2008, 23, 1364-1374.	4.6	155
254	Application of a Smoothing Technique to Decomposition in Convex Optimization. IEEE Transactions on Automatic Control, 2008, 53, 2674-2679.	3.6	125
255	On Decomposition Methods for a Class of Partially Separable Nonlinear Programs. Mathematics of Operations Research, 2008, 33, 119-139.	0.8	8
256	Design of Optimal Route Basing on VPP's Results. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
257	Dynamic financial analysis for multinational insurance companies. , 2008, , 543-590.		1
259	A model for risk minimisation on water resource usage failure. International Journal of Risk Assessment and Management, 2008, 10, 386.	0.2	1
260	Asset-Liability management for individual investors. , 2008, , 751-827.		3
261	Progressive Hedging Innovations for a Class of Stochastic Resource Allocation Problems. SSRN Electronic Journal, 0, , .	0.4	6
262	Robust optimization in high dimensions. , 2009, , 149-188.		0
263	A framework for the design of a military operational supply network. , 2009, , .		1
264	Robust design of slow-light tapers in periodic waveguides. Engineering Optimization, 2009, 41, 365-384.	1.5	32
265	Cutting-set methods for robust convex optimization with pessimizing oracles. Optimization Methods and Software, 2009, 24, 381-406.	1.6	99
266	StAMPL: A Filtration-Oriented Modeling Tool for Multistage Stochastic Recourse Problems. INFORMS Journal on Computing, 2009, 21, 242-256.	1.0	10
267	Portfolio management of hydropower producer via stochastic programming. Energy Conversion and Management, 2009, 50, 2593-2599.	4.4	13
268	On multistage Stochastic Integer Programming for incorporating logical constraints in asset and liability management under uncertainty. Computational Management Science, 2009, 6, 307-327.	0.8	18
269	Tracking error: a multistage portfolio model. Annals of Operations Research, 2009, 165, 47-66.	2.6	31
270	An XML-based schema for stochastic programs. Annals of Operations Research, 2009, 166, 313-337.	2.6	5
271	Analysis of stochastic problem decomposition algorithms in computational grids. Annals of Operations Research, 2009, 166, 355-373.	2.6	11
272	Enhancements of two-stage stochastic decomposition. Computers and Operations Research, 2009, 36, 2434-2439.	2.4	8
273	A general algorithm for solving two-stage stochastic mixed ℓ_1 first-stage problems. Computers and Operations Research, 2009, 36, 2590-2600.	2.4	29
274	A survey on metaheuristics for stochastic combinatorial optimization. Natural Computing, 2009, 8, 239-287.	1.8	543
275	Using scenario trees and progressive hedging for Stochastic inventory routing problems. Journal of Heuristics, 2009, 15, 527-557.	1.1	79

#	ARTICLE	IF	CITATIONS
276	BFC-MSMIP: an exact branch-and-fix coordination approach for solving multistage stochastic mixed 0â€“1 problems. Top, 2009, 17, 96-122.	1.1	26
277	On a mixture of the fix-and-relax coordination and Lagrangian substitution schemes for multistage stochastic mixed integer programming. Top, 2009, 17, 5-29.	1.1	11
278	Scenario-based Stochastic Capacity Planning Model and Decision Risk Analysis. Systems Engineering - Theory & Practice, 2009, 29, 55-63.	0.3	5
279	Modeling supply-chain planning under demand uncertainty using stochastic programming: A survey motivated by asset liability management. International Journal of Production Economics, 2009, 121, 728-738.	5.1	73
280	Supply chain design under uncertainty using sample average approximation and dual decomposition. European Journal of Operational Research, 2009, 199, 409-419.	3.5	213
281	Practical aspects in solving the medium-term operation planning problem of hydrothermal power systems by using the progressive hedging method. International Journal of Electrical Power and Energy Systems, 2009, 31, 546-552.	3.3	31
282	On stochastic dynamic programming for solving large-scale planning problems under uncertainty. Computers and Operations Research, 2009, 36, 2418-2428.	2.4	43
283	Enhanced-interval linear programming. European Journal of Operational Research, 2009, 199, 323-333.	3.5	49
284	The effect of multi-scenario policies on empty container repositioning. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 758-770.	3.7	79
285	Decomposition Based Interior Point Methods for Two-Stage Stochastic Convex Quadratic Programs with Recourse. Operations Research, 2009, 57, 964-974.	1.2	18
286	Dynamic Portfolio Optimization for Utility-Based Models. , 2009, , .		2
287	Aggregating policies in user centric, real-time and distributed applications. , 2009, , .		2
288	Managing Demand Risk in Tactical Supply Chain Planning for a Global Consumer Electronics Company. Production and Operations Management, 2005, 14, 69-79.	2.1	115
289	Planning under uncertainty, ensembles of disturbance trees and kernelized discrete action spaces. , 2009, , .		2
290	Solving multi-stage stochastic in-house production and outsourcing planning by two-level decomposition. International Journal of Mathematics in Operational Research, 2010, 2, 129.	0.1	2
291	Asset liability management modelling with risk control by stochastic dominance. Journal of Asset Management, 2010, 11, 73-93.	0.7	10
292	Computationally efficient solution algorithm for a large scale stochastic dynamic program. Procedia Computer Science, 2010, 1, 1397-1405.	1.2	0
293	Portfolio optimization for wealth-dependent risk preferences. Annals of Operations Research, 2010, 177, 63-90.	2.6	8

#	ARTICLE	IF	CITATIONS
294	Re-solving stochastic programming models for airline revenue management. <i>Annals of Operations Research</i> , 2010, 177, 91-114.	2.6	35
295	Short-term manpower planning for MRT carriage maintenance under mixed deterministic and stochastic demands. <i>Annals of Operations Research</i> , 2010, 181, 67-88.	2.6	12
296	A stochastic bi-objective location model for strategic reverse logistics. <i>Top</i> , 2010, 18, 158-184.	1.1	80
297	A multiobjective metaheuristic for a mean-risk static stochastic knapsack problem. <i>Computational Optimization and Applications</i> , 2010, 46, 427-450.	0.9	6
298	Management of water resource systems in the presence of uncertainties by nonlinear approximation techniques and deterministic sampling. <i>Computational Optimization and Applications</i> , 2010, 47, 349-376.	0.9	15
299	Solving Stochastic Transportation Network Protection Problems Using the Progressive Hedging-based Method. <i>Networks and Spatial Economics</i> , 2010, 10, 193-208.	0.7	75
300	A multiobjective metaheuristic for a mean-risk multistage capacity investment problem. <i>Journal of Heuristics</i> , 2010, 16, 85-115.	1.1	15
301	On BFC-MSMIP strategies for scenario cluster partitioning, and twin node family branching selection and bounding for multistage stochastic mixed integer programming. <i>Computers and Operations Research</i> , 2010, 37, 738-753.	2.4	24
302	On the implementation of a log-barrier progressive hedging method for multistage stochastic programs. <i>Journal of Computational and Applied Mathematics</i> , 2010, 234, 579-592.	1.1	0
303	Mathematical programming approaches for generating p-efficient points. <i>European Journal of Operational Research</i> , 2010, 207, 590-600.	3.5	34
304	Robust Optimization for Unconstrained Simulation-Based Problems. <i>Operations Research</i> , 2010, 58, 161-178.	1.2	104
305	ISIP: capacity planning for flood management systems under uncertainty. <i>Civil Engineering and Environmental Systems</i> , 2010, 27, 33-52.	0.4	5
306	Information Relaxations and Duality in Stochastic Dynamic Programs. <i>Operations Research</i> , 2010, 58, 785-801.	1.2	154
307	Optimization under Uncertainty via CometBoards. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2010, 11, 71-78.	1.4	1
308	Distributed Optimization and Statistical Learning via the Alternating Direction Method of Multipliers. <i>Foundations and Trends in Machine Learning</i> , 2010, 3, 1-122.	46.6	11,791
309	Stochastic scenario decomposition for multistage stochastic programs. <i>IMA Journal of Management Mathematics</i> , 2010, 21, 39-66.	1.1	8
310	Finite Adaptability in Multistage Linear Optimization. <i>IEEE Transactions on Automatic Control</i> , 2010, 55, 2751-2766.	3.6	140
311	Scalable Heuristics for a Class of Chance-Constrained Stochastic Programs. <i>INFORMS Journal on Computing</i> , 2010, 22, 543-554.	1.0	16

#	ARTICLE	IF	CITATIONS
312	Application of an Uncertainty Analysis Approach to Strategic Environmental Assessment for Urban Planning. <i>Environmental Science & Technology</i> , 2010, 44, 3136-3141.	4.6	24
313	From waste to hydrogen: An optimal design of energy production and distribution network. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2010, 46, 534-545.	3.7	53
314	Security-Constrained Generation and Transmission Outage Scheduling With Uncertainties. <i>IEEE Transactions on Power Systems</i> , 2010, 25, 1674-1685.	4.6	79
315	A Stochastic Programming Model for a Day-Ahead Electricity Market With Real-Time Reserve Shortage Pricing. <i>IEEE Transactions on Power Systems</i> , 2010, 25, 703-713.	4.6	39
316	Interruptible load contracts implementation in stochastic security constrained unit commitment. , 2010, , .		9
317	A multi-stage stochastic programming approach for production planning with uncertainty in the quality of raw materials and demand. <i>International Journal of Production Research</i> , 2010, 48, 4701-4723.	4.9	107
318	Modeling Uncertainties in Emergency Service Resource Allocation. <i>Journal of Infrastructure Systems</i> , 2011, 17, 35-41.	1.0	31
319	A Scenario-Based Multi-Objective Model for Multi-Stage Transmission Expansion Planning. <i>IEEE Transactions on Power Systems</i> , 2011, 26, 470-478.	4.6	167
320	Introduction to Stochastic Programming. <i>Springer Series in Operations Research</i> , 2011, , .	0.9	1,968
321	Stochastic Optimization Methods in Finance and Energy. <i>Profiles in Operations Research</i> , 2011, , .	0.3	16
322	Mid-Term Stochastic Scheduling of a Price-Maker Hydro Producer With Pumped Storage. <i>IEEE Transactions on Power Systems</i> , 2011, 26, 1856-1865.	4.6	76
323	Reserve Requirements for Wind Power Integration: A Scenario-Based Stochastic Programming Framework. <i>IEEE Transactions on Power Systems</i> , 2011, 26, 2197-2206.	4.6	452
325	Comparing stochastic optimization methods to solve the medium-term operation planning problem. <i>Computational and Applied Mathematics</i> , 2011, 30, 289-313.	1.0	7
326	A two-level interior-point decomposition algorithm for multi-stage stochastic capacity planning and technology acquisition. <i>International Journal of Mathematics in Operational Research</i> , 2011, 3, 280.	0.1	1
328	The impact of flexibility on operational supply chain planning. <i>International Journal of Production Economics</i> , 2011, 134, 300-311.	5.1	59
329	An aggregate stochastic programming model for air traffic flow management. <i>European Journal of Operational Research</i> , 2011, 215, 697-704.	3.5	27
330	Progressive hedging innovations for a class of stochastic mixed-integer resource allocation problems. <i>Computational Management Science</i> , 2011, 8, 355-370.	0.8	214
331	Forestry management under uncertainty. <i>Annals of Operations Research</i> , 2011, 190, 17-39.	2.6	33

#	ARTICLE	IF	CITATIONS
332	Design of insurance contracts using stochastic programming in forestry planning. <i>Annals of Operations Research</i> , 2011, 190, 117-130.	2.6	5
333	An efficient stochastic optimization framework for studying the impact of seasonal variation on the minimum water consumption of pulverized coal (PC) power plants. <i>Energy Systems</i> , 2011, 2, 263-279.	1.8	6
334	Modeling and solving a large-scale generation expansion planning problem under uncertainty. <i>Energy Systems</i> , 2011, 2, 209-242.	1.8	90
335	Progressive hedging-based metaheuristics for stochastic network design. <i>Networks</i> , 2011, 58, 114-124.	1.6	98
336	Designing robust rapid transit networks with alternative routes. <i>Journal of Advanced Transportation</i> , 2011, 45, 54-65.	0.9	56
337	Stochastic set packing problem. <i>European Journal of Operational Research</i> , 2011, 211, 232-240.	3.5	8
340	A scenario-based network reconfiguration framework under uncertainties. , 2012, , .		0
341	Pyomo – Optimization Modeling in Python. <i>Springer Optimization and Its Applications</i> , 2012, , .	0.6	132
343	Stochastic lot-sizing model for deteriorating items under partial backlogging. <i>International Journal of Services Operations and Informatics</i> , 2012, 7, 18.	0.2	2
344	Corrective Unit Commitment to an Unforeseen Unit Breakdown. <i>IEEE Transactions on Power Systems</i> , 2012, 27, 1729-1740.	4.6	10
345	Distributed tree-based model predictive control on an open water system. , 2012, , .		8
346	Modeling Environmental Impacts of Urban Expansion: A Systematic Method for Dealing with Uncertainties. <i>Environmental Science & Technology</i> , 2012, 46, 8236-8243.	4.6	21
347	Balancing cost-risk in management optimization of water resource systems under uncertainty. <i>Physics and Chemistry of the Earth</i> , 2012, 42-44, 98-107.	1.2	22
348	Bioethanol supply chain system planning under supply and demand uncertainties. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2012, 48, 150-164.	3.7	195
349	Robust optimization approach to regional wastewater system planning. <i>Journal of Environmental Management</i> , 2012, 109, 113-122.	3.8	22
350	Approximate dynamic programming in transportation and logistics: a unified framework. <i>EURO Journal on Transportation and Logistics</i> , 2012, 1, 237-284.	1.3	57
351	Modeling and Optimization of Superstructure-based Stochastic Programs for Risk-aware Decision Support. <i>Computer Aided Chemical Engineering</i> , 2012, 31, 1060-1064.	0.3	1
352	A preconditioning technique for Schur complement systems arising in stochastic optimization. <i>Computational Optimization and Applications</i> , 2012, 52, 315-344.	0.9	11

#	ARTICLE	IF	CITATIONS
353	Lagrangian Decomposition for large-scale two-stage stochastic mixed 0-1 problems. <i>Top</i> , 2012, 20, 347-374.	1.1	13
354	A so-called Cluster Benders Decomposition approach for solving two-stage stochastic linear problems. <i>Top</i> , 2012, 20, 279-295.	1.1	6
355	PySP: modeling and solving stochastic programs in Python. <i>Mathematical Programming Computation</i> , 2012, 4, 109-149.	3.2	89
356	An algorithmic framework for solving large-scale multistage stochastic mixed 0-1 problems with nonsymmetric scenario trees. <i>Computers and Operations Research</i> , 2012, 39, 1133-1144.	2.4	36
357	A stochastic production planning problem with nonlinear cost. <i>Computers and Operations Research</i> , 2012, 39, 1977-1987.	2.4	25
358	Measuring and maximizing resilience of freight transportation networks. <i>Computers and Operations Research</i> , 2012, 39, 1633-1643.	2.4	279
359	Cost/risk balanced management of scarce resources using stochastic programming. <i>European Journal of Operational Research</i> , 2012, 216, 214-224.	3.5	24
360	A multivariate adaptive regression splines cutting plane approach for solving a two-stage stochastic programming fleet assignment model. <i>European Journal of Operational Research</i> , 2012, 216, 162-171.	3.5	25
361	The sample average approximation method for empty container repositioning with uncertainties. <i>European Journal of Operational Research</i> , 2012, 222, 65-75.	3.5	79
362	Applying different decomposition schemes using the progressive hedging algorithm to the operation planning problem of a hydrothermal system. <i>Electric Power Systems Research</i> , 2012, 83, 19-27.	2.1	28
363	Recourse-based stochastic nonlinear programming: properties and Benders-SQP algorithms. <i>Computational Optimization and Applications</i> , 2012, 51, 77-123.	0.9	12
364	A fuzzy grey goal programming approach for aggregate production planning. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 64, 1715-1727.	1.5	35
365	Long-term management of a hydroelectric multireservoir system under uncertainty using the progressive hedging algorithm. <i>Water Resources Research</i> , 2013, 49, 2812-2827.	1.7	35
366	An alternating direction method for solving convex nonlinear semidefinite programming problems. <i>Optimization</i> , 2013, 62, 527-543.	1.0	16
367	The decision-making models for relief asset management and interaction with disaster mitigation. <i>International Journal of Disaster Risk Reduction</i> , 2013, 5, 107-116.	1.8	13
368	Opportunistic Lagrangian Relaxation for Joint Replacement Policy. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2013, 39, 263-271.	1.5	0
369	Stochastic unit commitment problem considering risk constraints and its improved GA-based solution method. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2013, 8, 463-469.	0.8	9
370	Simple dynamic location problem with uncertainty: a primal-dual heuristic approach. <i>Optimization</i> , 2013, 62, 1379-1397.	1.0	5

#	ARTICLE	IF	CITATIONS
371	Non-conservative robust Nonlinear Model Predictive Control via scenario decomposition. , 2013, , .		8
372	Guidelines for scheduling in primary care under different patient types and stochastic nurse and provider service times. IIE Transactions on Healthcare Systems Engineering, 2013, 3, 263-279.	0.8	30
373	Scenario Trees and Policy Selection for Multistage Stochastic Programming Using Machine Learning. INFORMS Journal on Computing, 2013, 25, 488-501.	1.0	18
374	Block-oriented modeling of superstructure optimization problems. Computers and Chemical Engineering, 2013, 57, 10-23.	2.0	12
375	Multi-stage nonlinear model predictive control applied to a semi-batch polymerization reactor under uncertainty. Journal of Process Control, 2013, 23, 1306-1319.	1.7	283
376	Modeling for insight using Tools for Energy Model Optimization and Analysis (Temoa). Energy Economics, 2013, 40, 339-349.	5.6	78
377	Limited multi-stage stochastic programming for managing water supply systems. Environmental Modelling and Software, 2013, 41, 53-64.	1.9	48
378	An accelerated scenario updating heuristic for stochastic production planning with set-up constraints in sawmills. International Journal of Production Research, 2013, 51, 993-1005.	4.9	18
379	A swarm intelligence based sample average approximation algorithm for the capacitated reliable facility location problem. International Journal of Production Economics, 2013, 145, 173-183.	5.1	47
380	Multiarea Stochastic Unit Commitment for High Wind Penetration in a Transmission Constrained Network. Operations Research, 2013, 61, 578-592.	1.2	234
381	Scenario Cluster Decomposition of the Lagrangian dual in two-stage stochastic mixed 0-1 optimization. Computers and Operations Research, 2013, 40, 362-377.	2.4	30
382	Simulation-based confidence bounds for two-stage stochastic programs. Mathematical Programming, 2013, 138, 15-42.	1.6	16
383	Implicit Mean-Variance Approach for Optimal Management of a Water Supply System under Uncertainty. Journal of Water Resources Planning and Management - ASCE, 2013, 139, 634-643.	1.3	6
384	A scenario decomposition approach for stochastic production planning in sawmills. Journal of the Operational Research Society, 2013, 64, 48-59.	2.1	14
385	The impacts of stochastic programming and demand response on wind integration. Energy Systems, 2013, 4, 109-124.	1.8	44
386	Hybrid Metaheuristics for Dynamic and Stochastic Vehicle Routing. Studies in Computational Intelligence, 2013, , 77-95.	0.7	8
387	Distributed tree-based model predictive control on a drainage water system. Journal of Hydroinformatics, 2013, 15, 335-347.	1.1	35
388	Scenario aggregation for supply chain quantity-flexibility contract. International Journal of Systems Science, 2013, 44, 2166-2182.	3.7	9

#	ARTICLE	IF	CITATIONS
389	A Mathematical Framework for Quantifying and Optimizing Protective Actions for Civil Infrastructure Systems. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2014, 29, 572-589.	6.3	63
390	Distributed stochastic multicommodity flow optimization. , 2013, , .		2
391	Toward scalable, parallel progressive hedging for stochastic unit commitment. , 2013, , .		64
392	A Stochastic Programming Model for Optimizing the Production of Farmed Atlantic Salmon. <i>World Scientific Series in Finance</i> , 2013, , 289-311.	0.1	0
393	Sawmill Production Planning Under Uncertainty: Modelling and Solution Approaches. <i>World Scientific Series in Finance</i> , 2013, , 347-395.	0.1	3
394	Incorporating Demand Response with Load Shifting into Stochastic Unit Commitment. <i>SSRN Electronic Journal</i> , 2013, , .	0.4	4
395	Scenario-based Modeling Approach and Scatter Search Algorithm for the Stochastic Slab Allocation Problem in Steel Industry. <i>ISIJ International</i> , 2014, 54, 1324-1333.	0.6	9
396	An efficient approach for solving large stochastic unit commitment problems arising in a California ISO planning model. , 2014, , .		1
397	Scenario Analysis for Optimization of Pumping Schedules in Complex Water Supply Systems Considering a Cost-risk Balancing Problem. <i>Procedia Engineering</i> , 2014, 89, 565-572.	1.2	2
398	Analytics-based optimization for smart grid operations. , 2014, , .		1
399	Advanced optimization methods for power systems. , 2014, , .		26
400	Multistage Stochastic Optimization. <i>Springer Series in Operations Research</i> , 2014, , .	0.9	106
401	Scenario grouping in a progressive hedging-based meta-heuristic for stochastic network design. <i>Computers and Operations Research</i> , 2014, 43, 90-99.	2.4	69
402	Adaptive monitoring of the progressive hedging penalty for reservoir systems management. <i>Energy Systems</i> , 2014, 5, 307-322.	1.8	11
403	Two-stage stochastic programming supply chain model for biodiesel production via wastewater treatment. <i>Computers and Operations Research</i> , 2014, 49, 1-17.	2.4	123
404	Optimal booking and scheduling in outpatient procedure centers. <i>Computers and Operations Research</i> , 2014, 50, 24-37.	2.4	92
405	Multistage Stochastic Decomposition: A Bridge between Stochastic Programming and Approximate Dynamic Programming. <i>SIAM Journal on Optimization</i> , 2014, 24, 127-153.	1.2	36
406	A multistage linear stochastic programming model for optimal corporate debt management. <i>European Journal of Operational Research</i> , 2014, 237, 303-311.	3.5	15

#	ARTICLE	IF	CITATIONS
407	Time consistency and risk averse dynamic decision models: Definition, interpretation and practical consequences. European Journal of Operational Research, 2014, 234, 743-750.	3.5	66
408	An Engineering-Economic Approach to Transmission Planning Under Market and Regulatory Uncertainties: WECC Case Study. IEEE Transactions on Power Systems, 2014, 29, 307-317.	4.6	108
409	Clearing the Jungle of Stochastic Optimization. , 2014, , 109-137.		45
410	Decomposed Stochastic Model Predictive Control for Optimal Dispatch of Storage and Generation. IEEE Transactions on Smart Grid, 2014, 5, 2044-2053.	6.2	64
411	An Integrated Biofuel Supply Chain to Cope with Feedstock Seasonality and Uncertainty. Transportation Science, 2014, 48, 540-554.	2.6	55
412	Coping with technology uncertainty in transportation fuel portfolio design. Transportation Research, Part D: Transport and Environment, 2014, 32, 354-361.	3.2	13
413	Regional Wastewater System Planning under Population Dynamics Uncertainty. Journal of Water Resources Planning and Management - ASCE, 2014, 140, 322-331.	1.3	16
414	An efficient equivalent thermal cost function model for nonlinear mid-term hydrothermal generation planning. International Journal of Electrical Power and Energy Systems, 2014, 63, 705-712.	3.3	8
415	Travel time resilience of roadway networks under disaster. Transportation Research Part B: Methodological, 2014, 70, 47-64.	2.8	178
416	Stochastic optimization models in forest planning: a progressive hedging solution approach. Annals of Operations Research, 2015, 232, 259.	2.6	15
417	Design of non-parametric process-specific optimal tuning rules for PID control of flow loops. Journal of the Franklin Institute, 2014, 351, 964-985.	1.9	12
418	Scenario-based quasi-static task mapping and scheduling for temperature-efficient MPSoC design under process variation. Microprocessors and Microsystems, 2014, 38, 399-414.	1.8	4
419	Stochastic optimization of operational production planning for fisheries. Fisheries Research, 2014, 157, 147-153.	0.9	14
421	On the Assessment of Tree-Based and Chance-Constrained Predictive Control Approaches applied to Drinking Water Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 6240-6245.	0.4	13
422	From marginal to simultaneous prediction intervals of wind power. , 2015, , .		6
423	New benchmark results for the stochastic resource-constrained project scheduling problem. , 2015, , .		1
424	Solving multistage quantified linear optimization problems with the alpha-beta nested Benders decomposition. EURO Journal on Computational Optimization, 2015, 3, 349-370.	1.5	8
425	Simple Technique of Projected Lagrange for a Class of Multi-Stage Stochastic Nonlinear Programs. Global Journal of Technology and Optimization, 2015, 6, .	0.2	0

#	ARTICLE	IF	CITATIONS
426	Stochastic Capacity Expansion Planning of Remote Microgrids With Wind Farms and Energy Storage. IEEE Transactions on Sustainable Energy, 2015, 6, 491-498.	5.9	136
427	Facility Location Under Uncertainty. , 2015, , 177-203.		27
429	Integration of progressive hedging and dual decomposition in stochastic integer programs. Operations Research Letters, 2015, 43, 311-316.	0.5	36
430	Improving scenario decomposition algorithms for robust nonlinear model predictive control. Computers and Chemical Engineering, 2015, 79, 30-45.	2.0	39
431	Stochastic unit commitment via Progressive Hedging — extensive analysis of solution methods. , 2015, , .		12
432	Chance and service level constraints for stochastic generation expansion planning. NETNOMICS: Economic Research and Electronic Networking, 2015, 16, 169-191.	0.9	1
433	A distributed asynchronous algorithm for the two-stage stochastic unit commitment problem. , 2015, , .		11
434	A Progressive Hedging Approach for Surgery Planning Under Uncertainty. INFORMS Journal on Computing, 2015, 27, 755-772.	1.0	47
435	An efficient distributed algorithm for multi-stage robust nonlinear predictive control. , 2015, , .		5
436	Optimal inventory control in a multi-period newsvendor problem with non-stationary demand. Advanced Engineering Informatics, 2015, 29, 139-145.	4.0	48
437	An augmented Lagrangian method for distributed optimization. Mathematical Programming, 2015, 152, 405-434.	1.6	85
438	Stage- and scenario-wise Fenchel decomposition for stochastic mixed 0-1 programs with special structure. Computers and Operations Research, 2015, 59, 94-103.	2.4	8
439	Large-scale Unit Commitment under uncertainty. 4or, 2015, 13, 115-171.	1.0	110
440	A hybrid path—relinking method for solving two—stage stochastic integer problems. International Transactions in Operational Research, 2015, 22, 113-127.	1.8	3
441	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si26.gif" overflow="scroll"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mi></mml:mi><mml:mtext>,</mml:mtext><mml:mi>S</mml:mi><mml:mo>Tj,ETQq0 0 Q,rgBT /Ove		
442	sailing speed optimization problem. Transportation Research, Part E: Logistics and Transportation Review, 2015, 76, 76-92. Joint service capacity planning and dynamic container routing in shipping network with uncertain demands. Transportation Research Part B: Methodological, 2015, 78, 404-421.	2.8	47
443	Toward scalable stochastic unit commitment. Energy Systems, 2015, 6, 417-438.	1.8	50
444	N-1 Reliable Unit Commitment via Progressive Hedging. Journal of Energy Engineering - ASCE, 2015, 141, .	1.0	7

#	ARTICLE	IF	CITATIONS
445	Distributed Computation of Pareto Sets. SIAM Journal on Optimization, 2015, 25, 1083-1109.	1.2	7
446	Importance Sampling in Stochastic Programming: A Markov Chain Monte Carlo Approach. INFORMS Journal on Computing, 2015, 27, 358-377.	1.0	26
447	A scalable solution framework for stochastic transmission and generation planning problems. Computational Management Science, 2015, 12, 491-518.	0.8	60
448	Parallel Strategies for Solving Large Unit Commitment Problems in the California ISO Planning Model. , 2015, , .		2
449	Supply Chain Risk Management in the Era of Big Data. Lecture Notes in Computer Science, 2015, , 283-294.	1.0	23
450	Multi-period stochastic optimization problems in transportation management. 4or, 2015, 13, 113-114.	1.0	1
451	Service Restoration for a Renewable-Powered Microgrid in Unscheduled Island Mode. IEEE Transactions on Smart Grid, 2015, 6, 1128-1136.	6.2	57
452	Applying High Performance Computing to Transmission-Constrained Stochastic Unit Commitment for Renewable Energy Integration. IEEE Transactions on Power Systems, 2015, 30, 1109-1120.	4.6	108
453	Stochastic Optimization for Unit Commitment – A Review. IEEE Transactions on Power Systems, 2015, 30, 1913-1924.	4.6	441
454	Evaluating policies in risk-averse multi-stage stochastic programming. Mathematical Programming, 2015, 152, 275-300.	1.6	55
455	Integrated versus individual approach in products distribution networks. International Journal of Logistics Systems and Management, 2016, 25, 408.	0.2	2
456	New Benchmark Results for the Stochastic Resource-Constrained Project Scheduling Problem. SSRN Electronic Journal, 0, , .	0.4	5
457	Efficient Methods for Several Classes of Ambiguous Stochastic Programming Problems Under Mean-MAD Information. SSRN Electronic Journal, 2016, , .	0.4	0
458	Accounting for climate change in a forest planning stochastic optimization model. Canadian Journal of Forest Research, 2016, 46, 1111-1121.	0.8	15
459	Cooperative inventory planning in a distribution network. International Journal of Production Research, 2016, 54, 5916-5931.	4.9	6
460	Parallelized Stochastic Short-term Hydrothermal Generation Scheduling. , 2016, , .		2
461	Two-stage stochastic programming in disaster management: A literature survey. Surveys in Operations Research and Management Science, 2016, 21, 85-100.	3.1	73
462	Obtaining lower bounds from the progressive hedging algorithm for stochastic mixed-integer programs. Mathematical Programming, 2016, 157, 47-67.	1.6	126

#	ARTICLE	IF	CITATIONS
463	Dynamic Snow Plow Fleet Management Under Uncertain Demand and Service Disruption. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2574-2582.	4.7	25
464	Additive manufacturing of biomedical implants: A feasibility assessment via supply-chain cost analysis. Additive Manufacturing, 2016, 11, 97-113.	1.7	75
465	Two-stage stochastic master production scheduling under demand uncertainty in a rolling planning environment. International Journal of Production Research, 2016, 54, 6192-6215.	4.9	23
466	Combining stochastic programming and optimal control to decompose multistage stochastic optimization problems. OR Spectrum, 2016, 38, 711-742.	2.1	4
467	A hybrid scenario cluster decomposition algorithm for supply chain tactical planning under uncertainty. European Journal of Operational Research, 2016, 252, 466-476.	3.5	14
468	Mobile Emergency Generator Pre-Positioning and Real-Time Allocation for Resilient Response to Natural Disasters. IEEE Transactions on Smart Grid, 2016, , 1-1.	6.2	149
469	Optimal assignment of airport baggage unloading zones to outgoing flights. Transportation Research, Part E: Logistics and Transportation Review, 2016, 94, 110-122.	3.7	10
470	A hybrid decomposition algorithm for designing a multi-modal transportation network under biomass supply uncertainty. Transportation Research, Part E: Logistics and Transportation Review, 2016, 94, 1-25.	3.7	40
471	Scenario Optimisation of Pumping Schedules in a Complex Water Supply System Considering a Costâ€‘Risk Balancing Approach. Water Resources Management, 2016, 30, 5231-5246.	1.9	9
472	A Unified Framework for Optimization Under Uncertainty. , 2016, , 45-83.		21
473	Optimal placement of gas detectors: A Pâ€‘median formulation considering dynamic nonuniform unavailabilities. AIChE Journal, 2016, 62, 2728-2739.	1.8	11
474	Decomposition algorithm for large-scale two-stage unit-commitment. Annals of Operations Research, 2016, 238, 587-613.	2.6	27
475	Short-term Hydrothermal Generation Scheduling Using a Parallelized Stochastic Mixed-integer Linear Programming Algorithm. Energy Procedia, 2016, 87, 77-84.	1.8	14
476	Logistics capacity planning: A stochastic bin packing formulation and a progressive hedging meta-heuristic. European Journal of Operational Research, 2016, 253, 404-417.	3.5	50
477	Progressive hedging applied as a metaheuristic to schedule production in open-pit mines accounting for reserve uncertainty. European Journal of Operational Research, 2016, 253, 843-855.	3.5	35
478	Stochastic network constrained hydro-thermal scheduling using a linearized progressive hedging algorithm. Energy Systems, 2016, 7, 585-600.	1.8	10
479	Cluster Lagrangean decomposition in multistage stochastic optimization. Computers and Operations Research, 2016, 67, 48-62.	2.4	31
480	Demand Response Optimization Based on Buildingâ€™s Characteristics. Mathematics for Industry, 2016, , 177-194.	0.4	0

#	ARTICLE	IF	CITATIONS
481	Models for single-sector stochastic air traffic flow management under reduced airspace capacity. Journal of the Operational Research Society, 2016, 67, 54-67.	2.1	17
482	Optimization in the Real World. Mathematics for Industry, 2016, , .	0.4	2
483	Comparison of Stochastic Optimization Algorithms for Hydropower Reservoir Operation with Ensemble Streamflow Prediction. Journal of Water Resources Planning and Management - ASCE, 2016, 142, .	1.3	40
484	An uncertainty management framework for industrial applications. Optimization and Engineering, 2017, 18, 179-202.	1.3	4
485	Stochastic variational inequalities: single-stage to multistage. Mathematical Programming, 2017, 165, 331-360.	1.6	69
486	A progressive hedging method for the multi-path travelling salesman problem with stochastic travel times. IMA Journal of Management Mathematics, 2017, 28, 65-86.	1.1	21
487	Decision rule approximations for the risk averse reservoir management problem. European Journal of Operational Research, 2017, 261, 317-336.	3.5	15
488	The Design of Featureâ€Limited Demonstration Software: Choosing the Right Features to Include. Production and Operations Management, 2017, 26, 9-30.	2.1	8
489	Formalizing best practice for energy system optimization modelling. Applied Energy, 2017, 194, 184-198.	5.1	235
490	Decomposition methods for a spatial model for long-term energy pricing problem. Mathematical Methods of Operations Research, 2017, 85, 137-153.	0.4	3
491	Mine Planning and Oil Field Development: A Survey and Research Potentials. Mathematical Geosciences, 2017, 49, 395-437.	1.4	14
492	A stabilised scenario decomposition algorithm applied to stochastic unit commitment problems. European Journal of Operational Research, 2017, 261, 247-259.	3.5	19
493	Scenario cluster Lagrangean decomposition for risk averse in multistage stochastic optimization. Computers and Operations Research, 2017, 85, 154-171.	2.4	23
494	BBPH: Using progressive hedging within branch and bound to solve multi-stage stochastic mixed integer programs. Operations Research Letters, 2017, 45, 34-39.	0.5	13
495	A Selective Linearization Method For Multiblock Convex Optimization. SIAM Journal on Optimization, 2017, 27, 1102-1117.	1.2	5
496	Real-time Monitoring and Operational Control of Drinking-Water Systems. Advances in Industrial Control, 2017, , .	0.4	21
497	Stochastic energy market equilibrium modeling with multiple agents. Energy, 2017, 134, 984-990.	4.5	7
498	A stochastic production planning problem in hybrid manufacturing and remanufacturing systems with resource capacity planning. Journal of Global Optimization, 2017, 68, 851-878.	1.1	23

#	ARTICLE	IF	CITATIONS
499	Sustainable network design for multi-purpose pellet processing depots under biomass supply uncertainty. Computers and Industrial Engineering, 2017, 110, 462-483.	3.4	51
500	Extending the boundaries between scheduling and dispatching: hedging and rescheduling techniques. International Journal of Production Research, 2017, 55, 3294-3307.	4.9	6
501	Two-stage stochastic variational inequalities: an ERM-solution procedure. Mathematical Programming, 2017, 165, 71-111.	1.6	43
502	Optimizing on-time arrival probability and percentile travel time for elementary path finding in time-dependent transportation networks: Linear mixed integer programming reformulations. Transportation Research Part B: Methodological, 2017, 96, 68-91.	2.8	78
503	Models and computational strategies for multistage stochastic programming under endogenous and exogenous uncertainties. Computers and Chemical Engineering, 2017, 103, 233-274.	2.0	80
504	A Stochastic Multi-agent Optimization Model for Energy Infrastructure Planning under Uncertainty in An Oligopolistic Market. Networks and Spatial Economics, 2017, 17, 581-609.	0.7	12
505	Multi-period stochastic optimization of a sustainable multi-feedstock second generation bioethanol supply chain – A logistic case study in Midwestern United States. Land Use Policy, 2017, 61, 420-450.	2.5	87
506	Optimization of the issuance of evacuation orders under evolving hurricane conditions. Transportation Research Part B: Methodological, 2017, 95, 285-304.	2.8	41
507	An Introduction to Two-Stage Stochastic Mixed-Integer Programming. , 2017, , 1-27.		22
508	Stochastic Programming for Global Supply Chain Planning Under Uncertainty: An Outline. Lecture Notes in Computer Science, 2017, , 437-451.	1.0	1
509	Optimization methods for petroleum fields development and production systems: a review. Optimization and Engineering, 2017, 18, 907-941.	1.3	30
510	Optimal Portfolio Selection of GenCo Under Congestion Risk in Multimarket Environment. Technology and Economics of Smart Grids and Sustainable Energy, 2017, 2, 1.	1.8	0
511	Pre-disaster investment decisions for strengthening the Chinese railway system under earthquakes. Transportation Research, Part E: Logistics and Transportation Review, 2017, 105, 39-59.	3.7	33
512	A stochastic mixed integer linear programming formulation for the balancing energy activation problem under uncertainty. , 2017, , .		4
513	The stochastic vehicle routing problem, a literature review, Part II: solution methods. EURO Journal on Transportation and Logistics, 2017, 6, 349-388.	1.3	69
514	Stochastic programming for qualification management of parallel machines in semiconductor manufacturing. Computers and Operations Research, 2017, 79, 49-59.	2.4	9
515	Multiperiod portfolio investment using stochastic programming with conditional value at risk. Computers and Operations Research, 2017, 81, 305-321.	2.4	19
516	Stochastic programming for flexible global supply chain planning. Flexible Services and Manufacturing Journal, 2017, 29, 601-633.	1.9	14

#	ARTICLE	IF	CITATIONS
517	Accelerating techniques on nested decomposition. Optimization Methods and Software, 2017, 32, 455-469.	1.6	1
518	Flexible supply chain planning based on variable transportation modes. International Journal of Production Economics, 2017, 183, 654-666.	5.1	21
519	Stochastic model predictive control approaches applied to drinking water networks. Optimal Control Applications and Methods, 2017, 38, 541-558.	1.3	31
520	Minimizing value-at-risk in single-machine scheduling. Annals of Operations Research, 2017, 248, 25-73.	2.6	29
521	Multistage Stochastic Optimization for Production Inventory Planning with Intermittent Renewable Energy. Production and Operations Management, 2017, 26, 409-425.	2.1	59
522	A parallel Branch-and-Fix Coordination based heuristic algorithm for solving large sized multistage stochastic mixed 0-1 problems. European Journal of Operational Research, 2017, 258, 590-606.	3.5	18
523	A survey on operator splitting and decomposition of convex programs. RAIRO - Operations Research, 2017, 51, 17-41.	1.0	10
524	A Distributed Computing Architecture for the Large-Scale Integration of Renewable Energy and Distributed Resources in Smart Grids. , 0, , .		1
525	Towards Improved Understanding of the Applicability of Uncertainty Forecasts in the Electric Power Industry. Energies, 2017, 10, 1402.	1.6	75
526	An improved L-shaped method for two-stage convex 0-1 mixed integer nonlinear stochastic programs. Computers and Chemical Engineering, 2018, 112, 165-179.	2.0	19
527	Hierarchical Clustering to Find Representative Operating Periods for Capacity-Expansion Modeling. IEEE Transactions on Power Systems, 2018, 33, 3029-3039.	4.6	85
528	A branch and bound algorithm to solve large-scale multistage stochastic programs with endogenous uncertainty. AIChE Journal, 2018, 64, 1262-1271.	1.8	10
529	Chance-constrained economic dispatch with renewable energy and storage. Computational Optimization and Applications, 2018, 70, 479-502.	0.9	10
530	A multistage stochastic programming model for a multi-period strategic expansion of biofuel supply chain under evolving uncertainties. Transportation Research, Part E: Logistics and Transportation Review, 2018, 111, 130-148.	3.7	40
531	Extending industrial symbiosis to residential buildings: A mathematical model and case study. Journal of Cleaner Production, 2018, 183, 370-379.	4.6	15
532	Long-Term Electricity Procurement for Large Industrial Consumers under Uncertainty. Industrial & Engineering Chemistry Research, 2018, 57, 3333-3347.	1.8	36
533	Risk management for forestry planning under uncertainty in demand and prices. European Journal of Operational Research, 2018, 267, 1051-1074.	3.5	40
534	Two-stage stochastic, large-scale optimization of a decentralized energy system: a case study focusing on solar PV, heat pumps and storage in a residential quarter. OR Spectrum, 2018, 40, 265-310.	2.1	20

#	ARTICLE	IF	CITATIONS
535	Comparing Spatial and Scenario Decomposition for Stochastic Hydrothermal Unit Commitment Problems. IEEE Transactions on Sustainable Energy, 2018, 9, 1307-1317.	5.9	18
536	Stochastic Unit Commitment With Topology Control Recourse for Power Systems With Large-Scale Renewable Integration. IEEE Transactions on Power Systems, 2018, 33, 3315-3324.	4.6	45
537	On efficient matheuristic algorithms for multi-period stochastic facility location-assignment problems. Computational Optimization and Applications, 2018, 70, 865-888.	0.9	11
538	Two-Scale Stochastic Optimization for Controlling Distributed Storage Devices. IEEE Transactions on Smart Grid, 2018, 9, 2691-2702.	6.2	10
539	Multistage Stochastic Investment Planning With Multiscale Representation of Uncertainties and Decisions. IEEE Transactions on Power Systems, 2018, 33, 781-791.	4.6	89
540	A multicriteria optimization model for sustainable forest management under climate change uncertainty: An application in Portugal. European Journal of Operational Research, 2018, 269, 79-98.	3.5	27
541	New strategies for stochastic resource-constrained project scheduling. Journal of Scheduling, 2018, 21, 349-365.	1.3	55
542	Solving Stochastic Programming Problems with Risk Measures by Progressive Hedging. Set-Valued and Variational Analysis, 2018, 26, 759-768.	0.5	16
543	Shadow price of information in discrete time stochastic optimization. Mathematical Programming, 2018, 168, 347-367.	1.6	1
544	Weakly Coupled Dynamic Program: Information and Lagrangian Relaxations. IEEE Transactions on Automatic Control, 2018, 63, 698-713.	3.6	12
545	A Generalized Decomposition Framework for Large-Scale Transmission Expansion Planning. IEEE Transactions on Power Systems, 2018, 33, 1635-1649.	4.6	26
546	Exploring public space through social media: an exploratory case study on the High Line New York City. Urban Design International, 2018, 23, 69-85.	1.3	23
547	Biomass Logistics Network Design Under Price-Based Supply and Yield Uncertainty. Transportation Science, 2018, 52, 474-492.	2.6	22
548	Identification of Critical Switches for Integrating Renewable Distributed Generation by Dynamic Network Reconfiguration. IEEE Transactions on Sustainable Energy, 2018, 9, 420-432.	5.9	81
550	A Consensus-ADMM Approach for Strategic Generation Investment in Electricity Markets. , 2018, , .		10
552	A Policy Synthesis-Based Framework for Robot Rescue Decision-Making in Multi-Robot Exploration of Disaster Sites. , 2018, , .		1
555	Two-stage linear decision rules for multi-stage stochastic programming. Mathematical Programming, 2022, 191, 347-380.	1.6	12
556	Optimization-based Approaches for practical Transmission Expansion Planning Studies: ERCOT case studies. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
558	Large-scale unit commitment under uncertainty: an updated literature survey. <i>Annals of Operations Research</i> , 2018, 271, 11-85.	2.6	99
559	Stochastic Unit Commitment Performance Considering Monte Carlo Wind Power Scenarios. , 2018, , .		11
560	Optimising data-driven network under limited resource: a partial diversification approach. <i>International Journal of Production Research</i> , 2018, , 1-18.	4.9	2
561	Frontiers in PDE-Constrained Optimization. <i>The IMA Volumes in Mathematics and Its Applications</i> , 2018, , .	0.5	17
562	Optimization of PDEs with Uncertain Inputs. <i>The IMA Volumes in Mathematics and Its Applications</i> , 2018, , 41-81.	0.5	8
563	Accelerating Dual Dynamic Programming for Stochastic Hydrothermal Coordination Problems. , 2018, , .		0
564	Dynamic Optimal Power Flow with Storage Restrictions Using Augmented Lagrangian Algorithm. , 2018, , .		2
565	Planning pharmaceutical clinical trials under outcome uncertainty. <i>Computer Aided Chemical Engineering</i> , 2018, 41, 517-550.	0.3	2
566	Benchmarking ADMM in nonconvex NLPs. <i>Computers and Chemical Engineering</i> , 2018, 119, 315-325.	2.0	20
567	Achieving groundwater resource sustainability at watershed scale by conjunctive use of groundwater and surface resources. <i>Journal of Applied Sciences and Environmental Management</i> , 2018, 22, 1263.	0.1	0
568	Expansion planning under uncertainty for hydrothermal systems with variable resources. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 103, 644-651.	3.3	25
569	Robust model for the assignment of outgoing flights on airport baggage unloading areas. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 115, 110-125.	3.7	8
570	Resilience Enhancement of Distribution Grids Against Extreme Weather Events. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 4842-4853.	4.6	171
571	Combining Progressive Hedging with a Frank-Wolfe Method to Compute Lagrangian Dual Bounds in Stochastic Mixed-Integer Programming. <i>SIAM Journal on Optimization</i> , 2018, 28, 1312-1336.	1.2	38
572	Stochastic decomposition applied to large-scale hydro valleys management. <i>European Journal of Operational Research</i> , 2018, 270, 1086-1098.	3.5	11
573	Monotone operator theory in convex optimization. <i>Mathematical Programming</i> , 2018, 170, 177-206.	1.6	33
574	A Progressive Hedging based branch-and-bound algorithm for mixed-integer stochastic programs. <i>Computational Management Science</i> , 2018, 15, 501-540.	0.8	16
575	Real-Options Water Supply Planning: Multistage Scenario Trees for Adaptive and Flexible Capacity Expansion Under Probabilistic Climate Change Uncertainty. <i>Water Resources Research</i> , 2018, 54, 5069-5087.	1.7	56

#	ARTICLE	IF	CITATIONS
576	Dynamic job assignment: A column generation approach with an application to surgery allocation. European Journal of Operational Research, 2019, 272, 78-93.	3.5	11
577	Fix-and-optimize procedures for solving the long-term unit commitment problem with pumped storages. Annals of Operations Research, 2019, 274, 241-265.	2.6	9
578	Time-consistent risk-constrained dynamic portfolio optimization with transactional costs and time-dependent returns. Annals of Operations Research, 2019, 282, 379-405.	2.6	16
579	A unified framework for stochastic optimization. European Journal of Operational Research, 2019, 275, 795-821.	3.5	151
580	New solution approaches for the capacitated supplier selection problem with total quantity discount and activation costs under demand uncertainty. Computers and Operations Research, 2019, 101, 29-42.	2.4	28
581	A Frankâ€“Wolfe Progressive Hedging Algorithm for Improved Lower Bounds in Stochastic SCUC. IEEE Access, 2019, 7, 99398-99406.	2.6	7
582	A Progressive Hedging-Based Solution Approach for Integrated Planning and Scheduling Problems under Demand Uncertainty. Industrial & Engineering Chemistry Research, 2019, 58, 14880-14896.	1.8	3
583	A Primal decomposition algorithm for distributed multistage scenario model predictive control. Journal of Process Control, 2019, 81, 162-171.	1.7	11
584	Two-Stage Quadratic Games under Uncertainty and Their Solution by Progressive Hedging Algorithms. SIAM Journal on Optimization, 2019, 29, 1799-1818.	1.2	18
585	A finite ϵ -convergence algorithm for two-stage stochastic convex nonlinear programs with mixed-binary first and second-stage variables. Journal of Global Optimization, 2019, 75, 921-947.	1.1	9
586	Analysis of models for the Stochastic Outpatient Procedure Scheduling Problem. European Journal of Operational Research, 2019, 279, 721-731.	3.5	21
587	Flexible parking reservation system and pricing: A continuum approximation approach. Transportation Research Part B: Methodological, 2019, 128, 408-434.	2.8	30
588	A Generalized Reduced Gradient Approach for Solving a Class of Two-Stage Stochastic Nonlinear Programs. Journal of Physics: Conference Series, 2019, 1255, 012090.	0.3	1
589	A multi-stage stochastic programming model of lot-sizing and scheduling problems with machine eligibilities and sequence-dependent setups. Annals of Operations Research, 2022, 311, 35-50.	2.6	6
590	Large Scale Optimization in Supply Chains and Smart Manufacturing. Springer Optimization and Its Applications, 2019, , .	0.6	8
591	Enhancing Resilience Level of Power Distribution Systems Using Proactive Operational Actions. IEEE Access, 2019, 7, 137378-137389.	2.6	39
593	Stochastic generation scheduling with variable renewable generation: methods, applications, and future trends. IET Generation, Transmission and Distribution, 2019, 13, 1467-1480.	1.4	8
594	Comments on: A comparative study of time aggregation techniques in relation to power capacity-expansion modeling. Top, 2019, 27, 406-409.	1.1	0

#	ARTICLE	IF	CITATIONS
595	Modeling electric vehicle charging station expansion with an integration of renewable energy and Vehicle-to-Grid sources. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 128, 251-279.	3.7	75
596	A progressive hedging method for the optimization of social engagement and opportunistic IoT problems. <i>European Journal of Operational Research</i> , 2019, 277, 643-652.	3.5	17
597	Optimising Pumping Activation in Multi-Reservoir Water Supply Systems under Uncertainty with Stochastic Quasi-Gradient Methods. <i>Water Resources Management</i> , 2019, 33, 1881-1895.	1.9	6
598	A multi-objective multi-stage stochastic model for project team formation under uncertainty in time requirements. <i>Computers and Industrial Engineering</i> , 2019, 132, 153-165.	3.4	11
599	A multi-stage stochastic programming model for relief distribution considering the state of road network. <i>Transportation Research Part B: Methodological</i> , 2019, 123, 64-87.	2.8	63
600	Fundamentals and recent developments in stochastic unit commitment. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 109, 38-48.	3.3	64
601	Optimal distributed load allocation and resource utilisation in evaporation plants. <i>Computer Aided Chemical Engineering</i> , 2019, 46, 979-984.	0.3	1
602	Pricing Implications of Transmission Security Modeling In Electric Energy Markets. , 2019, , .		2
603	Reliability constraint stochastic UC by considering the correlation of random variables with Copula theory. <i>IET Renewable Power Generation</i> , 2019, 13, 2587-2593.	1.7	147
604	Stochastic optimisation with risk aversion for virtual power plant operations: a rolling horizon control. <i>IET Generation, Transmission and Distribution</i> , 2019, 13, 2063-2076.	1.4	17
605	Second-Order Multiplier Updates to Accelerate Admm Methods in Optimization Under Uncertainty. <i>Computer Aided Chemical Engineering</i> , 2019, 47, 239-244.	0.3	1
606	A twist on SLP algorithms for NLP and MINLP problems: an application to gas transmission networks. <i>Optimization and Engineering</i> , 2019, 20, 349-395.	1.3	5
607	Mixed-integer programming models for optimal constellation scheduling given cloud cover uncertainty. <i>European Journal of Operational Research</i> , 2019, 275, 431-445.	3.5	28
608	Stochastic modeling of fuel procurement for electricity generation with contractual terms and logistics constraints. <i>Computers and Chemical Engineering</i> , 2019, 123, 49-63.	2.0	7
609	A multi-objective production planning problem with the consideration of time and cost in clinical trials. <i>Expert Systems With Applications</i> , 2019, 124, 25-38.	4.4	19
610	Progressive Decoupling of Linkages in Optimization and Variational Inequalities with Elicitable Convexity or Monotonicity. <i>Set-Valued and Variational Analysis</i> , 2019, 27, 863-893.	0.5	17
611	Computation of weighted sums of rewards for concurrent MDPs. <i>Mathematical Methods of Operations Research</i> , 2019, 89, 1-42.	0.4	13
612	Enhancing Distribution System Resilience With Mobile Energy Storage and Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4996-5006.	6.2	207

#	ARTICLE	IF	CITATIONS
613	Stochastic Optimization for Energy Management in Power Systems With Multiple Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 1068-1079.	6.2	40
614	Solving Deterministic and Stochastic Equilibrium Problems via Augmented Walrasian. Computational Economics, 2019, 53, 315-342.	1.5	7
615	Stochastic dual dynamic integer programming. Mathematical Programming, 2019, 175, 461-502.	1.6	132
616	Solving monotone stochastic variational inequalities and complementarity problems by progressive hedging. Mathematical Programming, 2019, 174, 453-471.	1.6	56
617	Discrete approximation of two-stage stochastic and distributionally robust linear complementarity problems. Mathematical Programming, 2019, 177, 255-289.	1.6	46
618	Managing congestion in a multi-modal transportation network under biomass supply uncertainty. Annals of Operations Research, 2019, 273, 739-781.	2.6	14
619	Combining penalty-based and Gauss-Seidel methods for solving stochastic mixed-integer problems. International Transactions in Operational Research, 2020, 27, 494-524.	1.8	4
620	A decision support approach for two-stage multi-objective index tracking using improved lagrangian decomposition. Omega, 2020, 91, 102017.	3.6	5
622	Scenario Analysis for the Multi-objective Management of Municipal Wastewater. Springer Theses, 2020, , 113-130.	0.0	0
623	A simulation-optimization approach for the stochastic discrete cost multicommodity flow problem. Engineering Optimization, 2020, 52, 507-526.	1.5	7
624	Developing childhood vaccine administration and inventory replenishment policies that minimize open vial wastage. Annals of Operations Research, 2020, 292, 215-247.	2.6	7
625	On the number of stages in multistage stochastic programs. Annals of Operations Research, 2020, 292, 581-603.	2.6	8
626	Sampling Scenario Set Partition Dual Bounds for Multistage Stochastic Programs. INFORMS Journal on Computing, 2020, 32, 145-163.	1.0	8
627	A Stochastic Multi-Commodity Logistic Model for Disaster Preparation in Distribution Systems. IEEE Transactions on Smart Grid, 2020, 11, 565-576.	6.2	30
628	A stochastic programming approach for electric vehicle charging station expansion plans. International Journal of Production Economics, 2020, 220, 107461.	5.1	31
629	Designing a two-echelon distribution network under demand uncertainty. European Journal of Operational Research, 2020, 280, 102-123.	3.5	30
630	Asynchronous level bundle methods. Mathematical Programming, 2020, 184, 319-348.	1.6	6
631	Multistage stochastic demand-side management for price-making major consumers of electricity in a co-optimized energy and reserve market. European Journal of Operational Research, 2020, 280, 671-688.	3.5	6

#	ARTICLE	IF	CITATIONS
632	A Novel Euler's Elastica-Based Segmentation Approach for Noisy Images Using the Progressive Hedging Algorithm. <i>Journal of Mathematical Imaging and Vision</i> , 2020, 62, 98-119.	0.8	1
633	Solving Lagrangian variational inequalities with applications to stochastic programming. <i>Mathematical Programming</i> , 2020, 181, 435-451.	1.6	19
634	Progressive hedging for stochastic programs with cross-scenario inequality constraints. <i>Computational Management Science</i> , 2020, 17, 141-160.	0.8	0
635	Integrated Design and Operation Optimization of Hydrogen Commingled with Natural Gas in Pipeline Networks. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 1584-1595.	1.8	10
636	Optimal non-anticipative scenarios for nonlinear hydro-thermal power systems. <i>Applied Mathematics and Computation</i> , 2020, 387, 124820.	1.4	7
637	Statistical estimation of operating reserve requirements using rolling horizon stochastic optimization. <i>Annals of Operations Research</i> , 2020, 292, 371-397.	2.6	7
638	An ADMM algorithm for two-stage stochastic programming problems. <i>Annals of Operations Research</i> , 2020, 286, 559-582.	2.6	5
639	A multi-stage stochastic programming approach for supply chain risk mitigation via product substitution. <i>Computers and Industrial Engineering</i> , 2020, 149, 106786.	3.4	14
640	An effective approach for optimization of a perishable inventory system with uncertainty in both demand and supply. <i>International Transactions in Operational Research</i> , 2022, 29, 2682-2704.	1.8	8
641	Stochastic optimization for flow-shop scheduling with on-site renewable energy generation using a case in the United States. <i>Computers and Industrial Engineering</i> , 2020, 149, 106812.	3.4	26
642	Comparing stage-scenario with nodal formulation for multistage stochastic problems. <i>4or</i> , 2021, 19, 613-631.	1.0	3
643	Sample Complexity of Sample Average Approximation for Conditional Stochastic Optimization. <i>SIAM Journal on Optimization</i> , 2020, 30, 2103-2133.	1.2	8
644	A Novel Strategy to Reduce Computational Burden of the Stochastic Security Constrained Unit Commitment Problem. <i>Energies</i> , 2020, 13, 3777.	1.6	6
645	Robust linear model for multi-period AC optimal power flow. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 2535-2548.	1.4	3
646	A stochastic distribution system planning method considering regulation services and energy storage degradation. <i>Applied Energy</i> , 2020, 277, 115520.	5.1	19
647	Real-time optimal spatiotemporal sensor placement for monitoring air pollutants. <i>Clean Technologies and Environmental Policy</i> , 2020, 22, 2091-2105.	2.1	7
648	Multicomponent Maintenance Optimization: A Stochastic Programming Approach. <i>INFORMS Journal on Computing</i> , 2021, 33, 898-914.	1.0	10
649	Optimized skill configuration for the seru production system under an uncertain demand. <i>Annals of Operations Research</i> , 2022, 316, 445-465.	2.6	9

#	ARTICLE	IF	CITATIONS
650	A Learning-Based Matheuristic for Stochastic Multicommodity Network Design. <i>INFORMS Journal on Computing</i> , 0, , .	1.0	2
651	A scenario-based hybrid robust and stochastic approach for joint planning of relief logistics and casualty distribution considering secondary disasters. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 141, 102029.	3.7	50
652	Mixed Spatial and Temporal Decompositions for Large-Scale Multistage Stochastic Optimization Problems. <i>Journal of Optimization Theory and Applications</i> , 2020, 186, 985-1005.	0.8	3
653	Flexibility of dynamic blending with alternative routings combined with security stocks: a new approach in a mining supply chain. <i>International Journal of Production Research</i> , 2021, 59, 6419-6436.	4.9	10
654	Dynamic reverse supply chain network design under uncertainty: mathematical modeling and solution algorithm. <i>International Transactions in Operational Research</i> , 2020, , .	1.8	6
655	Complexity of stochastic dual dynamic programming. <i>Mathematical Programming</i> , 2022, 191, 717-754.	1.6	6
656	A Parallelized Variable Fixing Process for Solving Multistage Stochastic Programs with Progressive Hedging. <i>Advances in Operations Research</i> , 2020, 2020, 1-17.	0.2	1
657	A progressive hedging approach for large-scale pavement maintenance scheduling under uncertainty. <i>International Journal of Pavement Engineering</i> , 2022, 23, 2460-2472.	2.2	13
658	Stochastic Lipschitz dynamic programming. <i>Mathematical Programming</i> , 2022, 191, 755-793.	1.6	9
659	Randomized Progressive Hedging methods for multi-stage stochastic programming. <i>Annals of Operations Research</i> , 2020, 295, 535-560.	2.6	6
660	Deriving solution value bounds from the ADMM. <i>Optimization Letters</i> , 2020, 14, 1289-1303.	0.9	2
661	Building Trust in Home Servicesâ€”Stochastic Team-Orienteering with Consistency Constraints. <i>Transportation Science</i> , 2020, 54, 823-838.	2.6	23
662	One Robot for Many Tasks: Versatile Co-Design Through Stochastic Programming. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 1680-1687.	3.3	18
663	Scalable Transmission Expansion Under Uncertainty Using Three-stage Stochastic Optimization. , 2020, , .		2
664	Two-Stage Stochastic Variational Inequality Arising from Stochastic Programming. <i>Journal of Optimization Theory and Applications</i> , 2020, 186, 324-343.	0.8	12
665	Mobile Emergency Generator Planning in Resilient Distribution Systems: A Three-Stage Stochastic Model With Nonanticipativity Constraints. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 4847-4859.	6.2	60
666	Optimization-Driven Scenario Grouping. <i>INFORMS Journal on Computing</i> , 2020, 32, 805-821.	1.0	7
667	The Benders Dual Decomposition Method. <i>Operations Research</i> , 2020, 68, 878-895.	1.2	23

#	ARTICLE	IF	CITATIONS
668	Some matheuristic algorithms for multistage stochastic optimization models with endogenous uncertainty and risk management. <i>European Journal of Operational Research</i> , 2020, 285, 988-1001.	3.5	12
669	Measurement, Modelling and Evaluation of Computing Systems. <i>Lecture Notes in Computer Science</i> , 2020, , .	1.0	0
670	Quantitative analysis for a class of two-stage stochastic linear variational inequality problems. <i>Computational Optimization and Applications</i> , 2020, 76, 431-460.	0.9	12
671	Optimization of covered calls under uncertainty. <i>Optimization and Engineering</i> , 2020, 21, 1635-1663.	1.3	1
672	Optimal Bidding and Operation Strategies for EV Aggregators by Regrouping Aggregated EV Batteries. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 4928-4937.	6.2	24
673	Optimization under Uncertainty to Reduce the Cost of Energy for Parabolic Trough Solar Power Plants for Different Weather Conditions. <i>Energies</i> , 2020, 13, 3131.	1.6	14
674	A multistage stochastic programming approach for preventive maintenance scheduling of GENCOs with natural gas contract. <i>European Journal of Operational Research</i> , 2020, 287, 1036-1051.	3.5	11
675	Battery investment by a strategic wind producer: A scenario-based decomposition approach. <i>Electric Power Systems Research</i> , 2020, 182, 106255.	2.1	5
676	A Progressive Hedging Approach to Solve Harvest Scheduling Problem under Climate Change. <i>Forests</i> , 2020, 11, 224.	0.9	9
677	Risk minimization, regret minimization and progressive hedging algorithms. <i>Mathematical Programming</i> , 2020, 181, 509-530.	1.6	3
678	Minimizing buffered probability of exceedance by progressive hedging. <i>Mathematical Programming</i> , 2020, 181, 453-472.	1.6	6
679	A Long-Term Evaluation on Transmission Line Expansion Planning with Multistage Stochastic Programming. <i>Energies</i> , 2020, 13, 1899.	1.6	6
680	Approximating combinatorial optimization problems with the ordered weighted averaging criterion. <i>European Journal of Operational Research</i> , 2020, 286, 828-838.	3.5	9
681	A flexible design framework for process systems under demand-side management. <i>AIChE Journal</i> , 2020, 66, e16249.	1.8	2
682	Dynamic stochastic approximation for multi-stage stochastic optimization. <i>Mathematical Programming</i> , 2021, 187, 487-532.	1.6	1
683	A two-stage stochastic programming model for biofuel supply chain network design with biomass quality implications. <i>IIE Transactions</i> , 2021, 53, 845-868.	1.6	19
684	Condition-based maintenance for multi-component systems: Modeling, structural properties, and algorithms. <i>IIE Transactions</i> , 2021, 53, 88-100.	1.6	22
685	A matheuristic algorithm for stochastic home health care planning. <i>European Journal of Operational Research</i> , 2021, 288, 753-774.	3.5	52

#	ARTICLE	IF	CITATIONS
686	Inventory routing under stochastic supply and demand. <i>Omega</i> , 2021, 102, 102304.	3.6	22
687	Multistage Stochastic Power Generation Scheduling Co-Optimizing Energy and Ancillary Services. <i>INFORMS Journal on Computing</i> , 2021, 33, 352-369.	1.0	11
688	Solving a stochastic inland waterway port management problem using a parallelized hybrid decomposition algorithm. <i>Omega</i> , 2021, 102, 102316.	3.6	10
689	Convergence of discrete approximation for differential linear stochastic complementarity systems. <i>Numerical Algorithms</i> , 2021, 87, 223-262.	1.1	3
690	An effective Progressive Hedging algorithm for the two-layers time window assignment vehicle routing problem in a stochastic environment. <i>Expert Systems With Applications</i> , 2021, 165, 113877.	4.4	18
691	A stochastic programming approach for chemotherapy appointment scheduling. <i>Naval Research Logistics</i> , 2021, 68, 112-133.	1.4	16
692	A multi-stage stochastic optimization approach to the stop-skipping and bus lane reservation schemes. <i>Transportmetrica A: Transport Science</i> , 2021, 17, 1272-1304.	1.3	37
693	Decomposition and discrete approximation methods for solving two-stage distributionally robust optimization problems. <i>Computational Optimization and Applications</i> , 2021, 78, 205-238.	0.9	10
694	A reduced cost-based restriction and refinement matheuristic for stochastic network design problem. <i>Journal of Heuristics</i> , 2021, 27, 325-351.	1.1	4
695	Benders decomposition for a stochastic three-level lot sizing and replenishment problem with a distribution structure. <i>European Journal of Operational Research</i> , 2021, 291, 206-217.	3.5	12
696	Progressive hedging for stochastic energy management systems. <i>Energy Systems</i> , 2021, 12, 1-29.	1.8	5
697	Two-Stage Stochastic Variational Inequalities: Theory, Algorithms and Applications. <i>Journal of the Operations Research Society of China</i> , 2021, 9, 1-32.	0.9	18
698	Integrating vehicle routing into intermodal service network design with stochastic transit times. <i>EURO Journal on Transportation and Logistics</i> , 2021, 10, 100046.	1.3	6
699	Pyomo – Optimization Modeling in Python. <i>Springer Optimization and Its Applications</i> , 2021, , .	0.6	150
700	Relaxation schemes for the joint linear chance constraint based on probability inequalities. <i>Journal of Industrial and Management Optimization</i> , 2021, .	0.8	0
701	Decomposing Loosely Coupled Mixed-Integer Programs for Optimal Microgrid Design. <i>INFORMS Journal on Computing</i> , 0, , .	1.0	2
702	Generalized adaptive partition-based method for two-stage stochastic linear programs with fixed recourse. <i>Mathematical Programming</i> , 2022, 196, 755-774.	1.6	5
703	A primal-dual algorithm for risk minimization. <i>Mathematical Programming</i> , 2022, 193, 337-363.	1.6	5

#	ARTICLE	IF	CITATIONS
704	Soft clustering-based scenario bundling for a progressive hedging heuristic in stochastic service network design. <i>Computers and Operations Research</i> , 2021, 128, 105182.	2.4	10
705	Investigating the impact of stochasticity in microgrid energy management. <i>Energy Systems</i> , 0, , 1.	1.8	1
706	A New Affinely Adjustable Robust Model for Security Constrained Unit Commitment under Uncertainty. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3987.	1.3	3
707	Comparing an expected value with a multistage stochastic optimization approach for the case of wine grape harvesting operations with quality degradation. <i>International Transactions in Operational Research</i> , 2023, 30, 1843-1873.	1.8	4
708	A hybrid dynamic programming - Tabu Search approach for the long-term hydropower scheduling problem. <i>Computational Management Science</i> , 2021, 18, 385-410.	0.8	4
709	Simplified Tree-Based MPC for the Cyber-Physical System with Jamming Attacks. , 2021, , .		0
710	Lagrangian relaxation based heuristics for a chance-constrained optimization model of a hybrid solar-battery storage system. <i>Journal of Global Optimization</i> , 2021, 80, 965.	1.1	11
711	A new Bi-level programming model for uncertain supply chain problems. , 2021, , .		0
712	Sequencing mixed-model assembly lines with risk-averse stochastic mixed-integer programming. <i>International Journal of Production Research</i> , 2022, 60, 3774-3791.	4.9	3
713	Proactive Operations and Investment Planning via Stochastic Optimization to Enhance Power Systemsâ€™ Extreme Weather Resilience. <i>Journal of Infrastructure Systems</i> , 2021, 27, .	1.0	7
714	A multistage stochastic program for the design and management of flexible infrastructure networks. <i>Reliability Engineering and System Safety</i> , 2021, 210, 107549.	5.1	9
715	State-Variable Modeling for a Class of Two-Stage Stochastic Optimization Problems. <i>INFORMS Journal on Computing</i> , 2022, 34, 354-369.	1.0	0
716	Semi-proximal Augmented Lagrangian-Based Decomposition Methods for Primal Block-Angular Convex Composite Quadratic Conic Programming Problems. <i>INFORMS Journal on Optimization</i> , 2021, 3, 254-277.	0.9	1
717	Regularized Sample Average Approximation Approach for Two-Stage Stochastic Variational Inequalities. <i>Journal of Optimization Theory and Applications</i> , 2021, 190, 650-671.	0.8	7
718	A stochastic optimization model for staged hospital evacuation during hurricanes. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 151, 102321.	3.7	21
719	Resilience-Oriented DG Siting and Sizing Considering Stochastic Scenario Reduction. <i>IEEE Transactions on Power Systems</i> , 2021, 36, 3715-3727.	4.6	30
720	Anticipatory approach for dynamic and stochastic shipment matching in hinterland synchromodal transportation. <i>Flexible Services and Manufacturing Journal</i> , 2022, 34, 483-517.	1.9	5
721	Risk-Averse Stochastic Programming and Distributionally Robust Optimization Via Operator Splitting. <i>Set-Valued and Variational Analysis</i> , 0, , 1.	0.5	0

#	ARTICLE	IF	CITATIONS
722	A multiobjective model for the green capacitated location-routing problem considering drivers' satisfaction and time window with uncertain demand. <i>Environmental Science and Pollution Research</i> , 2022, 29, 5052-5071.	2.7	17
723	Risk-averse multi-stage stochastic optimization for surveillance and operations planning of a forest insect infestation. <i>European Journal of Operational Research</i> , 2022, 299, 1094-1110.	3.5	15
724	Asphalt pavement maintenance plans intelligent decision model based on reinforcement learning algorithm. <i>Construction and Building Materials</i> , 2021, 299, 124278.	3.2	29
725	Optimizing a pellet supply system: Market-specific pellet production with biomass quality considerations. <i>Computers and Chemical Engineering</i> , 2021, 153, 107417.	2.0	7
726	A two-stage stochastic variational inequality model for storage and dynamic distribution of medical supplies in epidemic management. <i>Applied Mathematical Modelling</i> , 2022, 102, 35-61.	2.2	7
727	Stochastic forestry harvest planning under soil compaction conditions. <i>Journal of Environmental Management</i> , 2021, 296, 113157.	3.8	8
728	A two stage stochastic programming for asset protection routing and a solution algorithm based on the Progressive Hedging algorithm. <i>Omega</i> , 2021, 104, 102480.	3.6	10
729	A stochastic variational approach to study economic equilibrium problems under uncertainty. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 502, 125243.	0.5	7
730	Stochastic pre-event preparation for enhancing resilience of distribution systems. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 152, 111636.	8.2	34
731	Multi-stage stochastic programming based offering strategy for hydrogen fueling station in joint energy, reserve markets. <i>Renewable Energy</i> , 2021, 180, 605-615.	4.3	24
732	A robust optimization approach with probe-able uncertainty. <i>European Journal of Operational Research</i> , 2022, 296, 218-239.	3.5	1
733	A Fast Penalty-Based Gauss-Seidel Method for Stochastic Unit Commitment With Uncertain Load and Wind Generation. <i>IEEE Open Access Journal of Power and Energy</i> , 2021, 8, 211-222.	2.5	3
734	Scheduled service network design with quality targets and stochastic travel times. <i>European Journal of Operational Research</i> , 2021, 288, 30-46.	3.5	18
735	Stochastic Dynamic Linear Programming: A Sequential Sampling Algorithm for Multistage Stochastic Linear Programming. <i>SIAM Journal on Optimization</i> , 2021, 31, 2111-2140.	1.2	5
736	A Review of Stochastic Programming Methods for Optimization of Process Systems Under Uncertainty. <i>Frontiers in Chemical Engineering</i> , 2021, 2, .	1.3	46
737	Comparative analysis of models and performance indicators for optimal service facility location. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 145, 102174.	3.7	16
738	The policy graph decomposition of multistage stochastic programming problems. <i>Networks</i> , 2020, 76, 3-23.	1.6	8
739	Multiperiod transshipment location allocation problem with flow synchronization under stochastic handling operations. <i>Networks</i> , 2021, 78, 88-104.	1.6	10

#	ARTICLE	IF	CITATIONS
741	Financial Networks. Springer Optimization and Its Applications, 2008, , 343-382.	0.6	2
742	Stochastic Programming. , 2013, , 1486-1497.		5
743	Parallel Algorithms for Large-Scale Stochastic Programming. Applied Optimization, 1997, , 413-469.	0.4	8
744	Medium-Term Operational Planning for Hydrothermal Systems. Profiles in Operations Research, 2013, , 129-155.	0.3	1
746	Stochastic Programming Models: Wait-and-See Versus Here-and-Now. The IMA Volumes in Mathematics and Its Applications, 2002, , 1-15.	0.5	15
747	Power Management in a Hydro-Thermal System under Uncertainty by Lagrangian Relaxation. The IMA Volumes in Mathematics and Its Applications, 2002, , 39-70.	0.5	39
748	Hierarchical Sparsity in Multistage Stochastic Programs. Applied Optimization, 2001, , 385-410.	0.4	6
749	Specifying and Validating Probabilistic Inputs for Prescriptive Models of Decision Making over Time. Women in Engineering and Science, 2020, , 49-69.	0.2	1
750	Facility Location Under Uncertainty. , 2019, , 185-213.		17
751	Large-Scale Stochastic Mixed-Integer Programming Algorithms for Power Generation Scheduling. , 2016, , 493-512.		5
752	Introduction to Computational Optimization Models for Production Planning in a Supply Chain. , 2003, , .		73
753	Networks in Finance. , 2008, , 383-419.		3
755	Refinement Issues in Stochastic Multistage Linear Programming. Lecture Notes in Economics and Mathematical Systems, 1998, , 305-328.	0.3	9
756	Optimal Power Generation under Uncertainty via Stochastic Programming. Lecture Notes in Economics and Mathematical Systems, 1998, , 22-56.	0.3	55
757	Modeling Support for Multistage Recourse Problems. Lecture Notes in Economics and Mathematical Systems, 2004, , 21-41.	0.3	1
758	Recursive Direct Algorithms for Multistage Stochastic Programs in Financial Engineering. , 1999, , 241-250.		9
760	Multistage Stochastic Integer Programs: An Introduction. , 2001, , 581-600.		40
761	Robust Decision Making as a Decision Making Aid Under Uncertainty. , 1994, , 127-138.		9

#	ARTICLE	IF	CITATIONS
762	A Progressive Hedging Approach for Parameter Estimation via Stochastic Nonlinear Programming. Computer Aided Chemical Engineering, 2012, 31, 1507-1511.	0.3	1
763	Managing load congestion in electric vehicle charging stations under power demand uncertainty. Expert Systems With Applications, 2019, 125, 195-220.	4.4	26
764	Chapter 12 Dynamic Financial Analysis for Multinational Insurance Companies. Handbook of Asset and Liability Management, 2007, , 543-590.	0.4	1
765	Chapter 17 Asset"Liability Management for Individual Investors. Handbook of Asset and Liability Management, 2007, , 751-827.	0.4	3
766	Proactive repair crew deployment to improve transmission system resilience against hurricanes. IET Generation, Transmission and Distribution, 2021, 15, 870-882.	1.4	6
767	Estimation-based metaheuristics for stochastic combinatorial optimization. ACM SIGEVOlution, 2010, 5, 18-19.	0.3	2
768	Optimization model for the conjunctive use of conventional and marginal waters. , 2005, , 73-117.		4
769	Assessing and Improving the Operational Resilience of a Large Highway Infrastructure System to Worst-Case Losses. Transportation Science, 2018, 52, 1012-1034.	2.6	28
773	Combining Stochastic Programming and Optimal Control to Solve Multistage Stochastic Optimization Problems. SSRN Electronic Journal, 0, , .	0.4	2
774	EVPI-Based Importance Sampling Solution Procedures for Multistage Stochastic Linear Programmes on Parallel MIMD Architectures. SSRN Electronic Journal, 0, , .	0.4	10
775	Mean Value Cross Decomposition for Two-Stage Stochastic Linear Programming with Recourse. The Open Operational Research Journal, 2011, 3, 30-38.	0.3	1
777	Effects of Air Traffic Congestion Delays under Several Flow-Management Policies. , 0, .		7
778	Multistage Stochastic Programming. , 2012, , 97-143.		28
779	A Survey and Comparison of Optimization Methods for Solving Multi-Stage Stochastic Programs with Recourse. International Journal of Operations Research and Information Systems, 2013, 4, 22-35.	1.0	4
780	Apoyo a la toma de decisi3n en una red de evaporadores industriales. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2018, 16, 26.	0.6	8
781	A Stochastic Program For Optimizing Military Sealift Subject To Attack. , 2009, 14, .		14
782	Computing a Strategic Decarbonization Pathway: A Chance-Constrained Equilibrium Problem. IEEE Transactions on Power Systems, 2021, 36, 1910-1921.	4.6	4
783	A joint production-workforce-delivery stochastic planning problem for perishable items. International Journal of Production Research, 2022, 60, 6148-6172.	4.9	9

#	ARTICLE	IF	CITATIONS
784	Multiple-steps scenario optimisation for pumping plants activation in water supply systems. Journal of Hydroinformatics, 2021, 23, 1382-1394.	1.1	0
785	Algorithmic Implications of Duality in Stochastic Programs. IFIP Advances in Information and Communication Technology, 2000, , 179-188.	0.5	0
786	Asset and Liability Management. , 2000, , .		3
787	Optimising Yacht Routes Under Uncertainty. , 2001, , .		22
788	Impacts of Reallocation of Resource Constraints on the Northeast Economy of Brazil. SSRN Electronic Journal, 0, , .	0.4	1
789	On a Method to Estimate Worst Case Effectiveness of the System for Process Optimization under Uncertainty. Transactions of the Institute of Systems Control and Information Engineers, 2005, 18, 108-117.	0.1	1
790	Optimization model for the conjunctive use of conventional and marginal waters. , 2005, , 85-130.		1
791	Chapter 20 Dynamic Asset and Liability Management for Swiss Pension Funds. Handbook of Asset and Liability Management, 2007, , 963-1028.	0.4	0
792	Dynamic asset and liability management for swiss pension funds. , 2008, , 963-1028.		1
793	Love, Death and Taxes: Applications of Real Options 'in' Economic Systems. SSRN Electronic Journal, 0, , .	0.4	1
798	Tactical Portfolio Planning in the Natural Gas Supply Chain. Profiles in Operations Research, 2011, , 227-252.	0.3	0
799	Structuring Bilateral Energy Contract Portfolios in Competitive Markets. Profiles in Operations Research, 2011, , 203-226.	0.3	3
800	Asset Liability Management Modelling with Risk Control by Stochastic Dominance. , 2011, , 110-138.		0
802	Stochastic Programming Model for Discrete Lotsizing and Scheduling Problem on Parallel Machines. American Journal of Operations Research, 2012, 02, 374-381.	0.2	0
804	Simulation Of Robust Master Production Scheduling In An Industrially Relevant Planning Environment. , 2013, , .		0
805	Stochastic programming approach for energy management in electric microgrids. Numerical Algebra, Control and Optimization, 2014, 4, 241-267.	1.0	1
806	Stochastic MiniZinc. Lecture Notes in Computer Science, 2014, , 636-645.	1.0	2
807	Approaches to Stochastic Programming with Application to Electric Power Systems. , 1993, , 125-138.		6

#	ARTICLE	IF	CITATIONS
808	Robust Scheduling and Game-Theoretic Control for Short-Term Scheduling of Job-Shops. , 1993, , 321-335.		1
810	Stochastic Optimal Coordination of River-basin and Thermal Electric Systems (SOCRATES): Software for the Mid-Term Scheduling of Pacific Gas and Electric's Power Plants Under Uncertainty. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 1995, , 430-435.	0.1	0
811	A Circumscribed Ellipsoid Method for Multiobjective Programming and Applications to Financial Planning. Contributions To Management Science, 1997, , 377-388.	0.4	2
813	Lagrangian Relaxation Applications to Electric Power Operations and Planning Problems. , 1999, , 173-203.		1
814	Fuzzy local algorithms for time series analysis and forecasting. Perspectives in Neural Computing, 1999, , 345-356.	0.1	0
815	Stochastic Network Models and Solution Methods for Dynamic Fleet Management Problems. , 1999, , 209-221.		0
816	Scenarios Identification for Financial Modelling. Contributions To Management Science, 1999, , 25-36.	0.4	0
817	Transformation of Nonlinear Mixture Chopped Stochastic Program Model. Applied and Computational Mathematics, 2015, 4, 69.	0.2	0
818	Optimal Planning of Pig Transfers Along a Pig Supply Chain. Profiles in Operations Research, 2015, , 1-18.	0.3	0
819	Split-and-Merge Method for Accelerating Convergence of Stochastic Linear Programs. , 2015, , .		0
821	Produktlebens- und -rückflusszyklen als Ausgangspunkt der Kapazitätsplanung in Closed-Loop Supply Chains. , 2016, , 599-623.		0
824	Stochastic Model Predictive Control for Water Transport Networks with Demand Forecast Uncertainty. Advances in Industrial Control, 2017, , 269-290.	0.4	0
825	An Embarrassingly Parallel Method for Large-Scale Stochastic Programs. Springer Optimization and Its Applications, 2019, , 127-151.	0.6	0
826	A Model of Multistage Risk-Averse Stochastic Optimization and its Solution by Scenario-Based Decomposition Algorithms. Asia-Pacific Journal of Operational Research, 2020, 37, 2040004.	0.9	2
827	Strategic reliable supply chain network design: determining tradeoffs between cost and risk. International Journal of Production Research, 2023, 61, 3621-3633.	4.9	5
828	Network and Storage. AIRO Springer Series, 2021, , 27-51.	0.4	0
829	Big Data Analytics and Models. , 2022, , 164-187.		0
830	Big Data Analytics and Models. Advances in Data Mining and Database Management Book Series, 2020, , 10-33.	0.4	0

#	ARTICLE	IF	CITATIONS
831	Concurrent MDPs with Finite Markovian Policies. Lecture Notes in Computer Science, 2020, , 37-53.	1.0	0
832	Scenario Optimization of Complex Water Supply Systems for Energy Saving and Drought-Risk Management. Lecture Notes in Computer Science, 2020, , 557-569.	1.0	0
833	Definition and Theory of Transmission Network Planning. Lecture Notes in Energy, 2020, , 17-67.	0.2	2
834	Optimisation of the Operation of an Industrial Power Plant under Steam Demand Uncertainty. Energies, 2021, 14, 7213.	1.6	2
835	Developing Reduced Gradient Approach for Solving Multi-Stage Stochastic Nonlinear Programs. Journal of Computational and Theoretical Nanoscience, 2020, 17, 3194-3199.	0.4	0
836	Stochastic Programming in Supply Chain. , 0, , 247-262.		0
838	Scenario Grouping and Decomposition Algorithms for Chance-Constrained Programs. INFORMS Journal on Computing, 0, , .	1.0	1
840	Stochastic Programming: Nonanticipativity and Lagrange Multipliers. , 2008, , 3783-3789.		3
841	Scenario Partitioning Methods for Two-Stage Stochastic Generation Expansion Under Multi-Scale Uncertainty. IEEE Transactions on Power Systems, 2022, 37, 2371-2383.	4.6	6
842	A Novel Pre-Dispatching Strategy of Power System under Extreme Weather. Processes, 2021, 9, 2112.	1.3	1
843	The Elicited Progressive Decoupling Algorithm: A Note on the Rate of Convergence and a Preliminary Numerical Experiment on the Choice of Parameters. Set-Valued and Variational Analysis, 0, , 1.	0.5	2
844	Hydrogen-Based Networked Microgrids Planning Through Two-Stage Stochastic Programming With Mixed-Integer Conic Recourse. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3672-3685.	3.4	31
845	An Integrated Progressive Hedging and Benders Decomposition With Multiple Master Method to Solve the Brazilian Generation Expansion Problem. IEEE Transactions on Power Systems, 2022, 37, 4017-4027.	4.6	3
846	Enhancing distribution system resilience against extreme weather events: Concept review, algorithm summary, and future vision. International Journal of Electrical Power and Energy Systems, 2022, 138, 107860.	3.3	53
847	A multi-timescale operation model for hybrid energy storage system in electricity markets. International Journal of Electrical Power and Energy Systems, 2022, 138, 107907.	3.3	18
848	Resilience-Based Optimal Placement Method for Integrated Electricity and Gas Energy System. , 2020, , .		1
849	A Data-Driven Multi-Period Importance Sampling Strategy for Stochastic Economic Dispatch. , 2021, , .		2
850	Risk-Aware Submodular Optimization for Stochastic Travelling Salesperson Problem. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
851	Recognizing Uncertainty in Forest Planning: A Decomposition Model for Large Landscapes. Forest Science, 2022, 68, 200-211.	0.5	3
852	A Granular Local Search Metaheuristic for a Heterogeneous Fleet Vehicle Routing Problem with Stochastic Travel Times. Networks and Spatial Economics, 0, , 1.	0.7	0
853	Lagrangian dual decomposition for the ambulance relocation and routing considering stochastic demand with the truncated Poisson. Transportation Research Part B: Methodological, 2022, 157, 1-23.	2.8	14
854	Routing Problem for Unmanned Aerial Vehicle Patrolling Missions - A Progressive Hedging Algorithm. Computers and Operations Research, 2022, 142, 105702.	2.4	5
855	Integrated Stochastic Optimal Self-Scheduling for Two-Settlement Electricity Markets. INFORMS Journal on Computing, 2022, 34, 1819-1840.	1.0	1
856	Stochastic Optimal Device Sizing Model for Zero Energy Buildings: A Parallel Computing Solution. IEEE Transactions on Industry Applications, 2022, 58, 3275-3284.	3.3	1
857	The p-Lagrangian relaxation for separable nonconvex MIQCQP problems. Journal of Global Optimization, 0, , 1.	1.1	1
858	A two-stage stochastic programming model of coordinated electric bus charging scheduling for a hybrid charging scheme. , 2022, 1, 100006.		37
859	Applying robust optimization to the shelter location allocation problem: a case study for Istanbul. Annals of Operations Research, 0, , 1.	2.6	3
860	Efficient Stochastic Programming in Julia. INFORMS Journal on Computing, 2022, 34, 1885-1902.	1.0	5
861	A Review on the Performance of Linear and Mixed Integer Two-Stage Stochastic Programming Software. Algorithms, 2022, 15, 103.	1.2	10
863	A stochastic programming model for the aircraft sequencing and scheduling problem considering flight duration uncertainties. Aeronautical Journal, 0, , 1-16.	1.1	0
865	Risk-averse hub location: Formulation and solution approach. Computers and Operations Research, 2022, 143, 105760.	2.4	2
866	A Stochastic Nash Equilibrium Problem for Medical Supply Competition. Journal of Optimization Theory and Applications, 2022, 193, 354-380.	0.8	3
867	Stochastic Planning and Scheduling with Logic-Based Benders Decomposition. INFORMS Journal on Computing, 2022, 34, 2428-2442.	1.0	4
868	Optimization in Water Resources. , 2001, , 1877-1882.		0
869	Stochastic Network Problems: Massively Parallel Solution. , 2001, , 2493-2501.		0
870	Stochastic Programming: Nonanticipativity and Lagrange Multipliers. , 2001, , 2506-2512.		3

#	ARTICLE	IF	CITATIONS
871	Decomposition Algorithms for the Solution of Multistage Mean-Variance Optimization Problems. , 2008, , 619-627.		0
872	Optimization in Water Resources. , 2008, , 2863-2869.		0
873	Stochastic Network Problems: Massively Parallel Solution. , 2008, , 3765-3773.		0
880	Optimal Charging Scheduling of Electric Vehicles: The Co-Charging Case. IEEE Transactions on Power Systems, 2023, 38, 1069-1080.	4.6	0
882	A Three-Stage Resilient Dispatch of Mobile Emergency Generators in a Distribution System Against Hurricanes. SSRN Electronic Journal, 0, , .	0.4	0
883	Human paradigm and reliability for aggregate production planning under uncertainty. , 2022, , 193-201.		1
884	A Modified Progressive Hedging Approach for Multistage Intraday Trade of EV aggregators. Electric Power Systems Research, 2022, 212, 108518.	2.1	4
885	Decomposition of Two-stage Stochastic Scheduling Problems via Similarity Index. Computer Aided Chemical Engineering, 2022, , 985-990.	0.3	2
886	Stochastic Approximation Methods for the Two-Stage Stochastic Linear Complementarity Problem. SIAM Journal on Optimization, 2022, 32, 2129-2155.	1.2	3
887	Day-ahead unit commitment for hydro-thermal coordination with high participation of wind power. IET Energy Systems Integration, 0, , .	1.1	0
888	Stochastic Decomposition Method for Two-Stage Distributionally Robust Linear Optimization. SIAM Journal on Optimization, 2022, 32, 1901-1930.	1.2	4
889	On Finite Adaptability in Two-Stage Distributionally Robust Optimization. Operations Research, 2023, 71, 2307-2327.	1.2	0
890	The continuous delayed distribution problem. Computers and Operations Research, 2022, 148, 105976.	2.4	2
891	Stochastic Dual Dynamic Programming for Multiechelon Lot Sizing with Component Substitution. INFORMS Journal on Computing, 2022, 34, 3151-3169.	1.0	7
892	Chance-Constrained Multi-Stage Stochastic Energy System Expansion Planning with Demand Satisfaction Flexibility. SSRN Electronic Journal, 0, , .	0.4	0
893	Locating Hydrogen Production in Norway Under Uncertainty. Lecture Notes in Computer Science, 2022, , 306-321.	1.0	1
894	The Similarity Index to Decompose Two-Stage Stochastic Scheduling Problems. IFAC-PapersOnLine, 2022, 55, 821-826.	0.5	3
895	Coordinated Planning of Wind Power Generation and Energy Storage With Decision-Dependent Uncertainty Induced by Spatial Correlation. IEEE Systems Journal, 2023, 17, 2247-2258.	2.9	3

#	ARTICLE	IF	CITATIONS
896	Power systems optimization under uncertainty: A review of methods and applications. <i>Electric Power Systems Research</i> , 2023, 214, 108725.	2.1	49
897	Joint tank container demurrage policy and flow optimisation using a progressive hedging algorithm with expanded time-space network. <i>European Journal of Operational Research</i> , 2023, 307, 663-679.	3.5	1
898	Kineticâ€Modelâ€BASED Pathway Optimization with Application to Reverse Glycolysis in Mammalian Cells. <i>Biotechnology and Bioengineering</i> , 0, , .	1.7	0
899	A hybrid genetic algorithm for scheduling jobs sharing multiple resources under uncertainty. <i>EURO Journal on Computational Optimization</i> , 2022, 10, 100050.	1.5	0
900	Lagrangian Dual Decision Rules for Multistage Stochastic Mixed-Integer Programming. <i>Operations Research</i> , 0, , .	1.2	2
901	On a Class of Multistage Stochastic Hierarchical Problems. <i>Mathematics</i> , 2022, 10, 4044.	1.1	1
902	Consensus-based Dantzig-Wolfe decomposition. <i>European Journal of Operational Research</i> , 2022, , .	3.5	0
903	A risk-averse solution for the prescribed burning problem. <i>Safety Science</i> , 2023, 158, 105951.	2.6	0
904	Two-stage distributionally robust noncooperative games: Existence of Nash equilibrium and its application to Cournotâ€Nash competition. <i>Journal of Industrial and Management Optimization</i> , 2023, 19, 6430-6450.	0.8	1
905	A stochastic programming approach to surgery scheduling under parallel processing principle. <i>Omega</i> , 2023, 115, 102799.	3.6	6
906	Risk-based pavement maintenance planning considering budget and pavement deterioration uncertainty. <i>Structure and Infrastructure Engineering</i> , 0, , 1-14.	2.0	2
907	Optimizing inland container logistics through dry ports: A two-stage stochastic mixed-integer programming approach considering volume discounts and consolidation in rail transport. <i>Computers and Industrial Engineering</i> , 2022, 174, 108768.	3.4	3
908	Financial and Economic Networks: An Overview. , 2003, , 1-26.		4
910	Pricing Under Uncertainty in Multi-Interval Real-Time Markets. <i>Operations Research</i> , 2023, 71, 1928-1942.	1.2	1
911	Research Status and Prospect of Distribution Network Resilience. <i>Journal of Engineering Studies</i> , 2022, 14, 171-181.	0.0	0
912	A three-stage resilient dispatch of mobile emergency generators in a distribution system against hurricanes. <i>International Journal of Electrical Power and Energy Systems</i> , 2023, 148, 108844.	3.3	2
913	A Resilience-Oriented Multi-Stage Adaptive Distribution System Planning Considering Multiple Extreme Weather Events. <i>IEEE Transactions on Sustainable Energy</i> , 2023, 14, 1193-1204.	5.9	5
914	Scenario decomposable subgradient projection method for two-stage stochastic programming with convex risk measures. <i>Journal of Applied Mathematics and Computing</i> , 0, , .	1.2	0

#	ARTICLE	IF	CITATIONS
915	Stochastic forestry planning under market and growth uncertainty. Computers and Operations Research, 2023, 153, 106182.	2.4	0
916	Pre-disaster and mid-disaster resilience improvement strategy of high proportion renewable energy system considering frequency stability. International Journal of Electrical Power and Energy Systems, 2023, 151, 109135.	3.3	4
917	Stochastic nonlinear model with individualized plants and demand elasticity for large-scale hydro-thermal power systems. Electric Power Systems Research, 2023, 220, 109283.	2.1	2
918	Non-anticipative risk-averse analysis with effective scenarios applied to long-term hydrothermal scheduling. Computational and Applied Mathematics, 2023, 42, .	1.0	0
919	Collaborative stochastic expansion planning of cyber-physical system considering extreme scenarios. IET Generation, Transmission and Distribution, 0, , .	1.4	1
920	Optimized Scenario Reduction: Solving Large-Scale Stochastic Programs with Quality Guarantees. INFORMS Journal on Computing, 2023, 35, 886-908.	1.0	3
921	On solving large-scale multistage stochastic optimization problems with a new specialized interior-point approach. European Journal of Operational Research, 2023, 310, 268-285.	3.5	1
922	Decomposition of Convex High Dimensional Aggregative Stochastic Control Problems. Applied Mathematics and Optimization, 2023, 88, .	0.8	0
923	Development of heuristic method for scenario formation of stochastic program problems. AIP Conference Proceedings, 2023, , .	0.3	0
925	Sampling-Based Decomposition Algorithms for Multistage Stochastic Programming. , 2023, , 1-10.		0
928	Distribution System Resilience Improving Method Considering High Temperature Superconducting Cables. , 2023, , .		0
937	Extending the SI Decomposition to Continuous-Time Two-Stage Scheduling Problems. Computer Aided Chemical Engineering, 2023, , 499-504.	0.3	0
940	A Two-Stage Stochastic Optimisation Model for Urban Same-Day Delivery with Micro-hubs. , 2023, , 3-9.		0
946	On Risk Management of Multistage Multiscale FLP Under Uncertainty. Profiles in Operations Research, 2023, , 355-390.	0.3	0
951	Stochastic Look-Ahead Commitment: A Case Study in MISO. , 2023, , .		0
952	optimization of Distribution Feeder Topology: a Differential Programming Learning Approach. , 2023, , .		0
960	Statistical Performance of Subgradient Step-Size Update Rules in Lagrangian Relaxations of Chance-Constrained Optimization Models. Lecture Notes in Computer Science, 2023, , 357-373.	1.0	0