Sungsoo Park

List of Publications by Year
in descending order

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34	764	623734	526287
papers	citations	14 h-index	27 g-index

34	34	34	684
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A branch-and-price algorithm for the robust single-source capacitated facility location problem under demand uncertainty. EURO Journal on Transportation and Logistics, 2022, 11, 100069.	2.2	8
2	A Closest Benders Cut Selection Scheme for Accelerating the Benders Decomposition Algorithm. INFORMS Journal on Computing, 2022, 34, 2804-2827.	1.7	1
3	On using cardinality constrained uncertainty for objective coefficients in robust optimization. Optimization Letters, 2021, 15, 1195-1214.	1.6	1
4	Robust Mixed 0-1 Programming and Submodularity. INFORMS Journal on Optimization, 2021, 3, 183-199.	1.4	3
5	A linear programming based heuristic algorithm for bandwidth packing problem with scheduling. Journal of the Operational Research Society, 2020, 71, 250-263.	3.4	2
6	A robust contingency-constrained unit commitment with an <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si44.svg"><mml:mrow><mml:mi>N</mml:mi><mml:mo linebreak="badbreak">-</mml:mo><mml:mi>Î±</mml:mi><mml:mi>k</mml:mi></mml:mrow></mml:math> security criterion. International Journal of Electrical Power and Energy Systems, 2020, 123, 106148.	5.5	7
7	Dantzigâ€“Wolfe decomposition approach to the vehicle assignment problem with demand uncertainty in a hybrid hub-and-spoke network. Annals of Operations Research, 2018, 264, 57-87.	4.1	9
8	Lifting and separation of robust cover inequalities. Networks, 2018, 72, 272-305.	2.7	5
9	Variable selection methods for multi-class classification using signomial function. Journal of the Operational Research Society, 2017, 68, 1117-1130.	3.4	3
10	Lifting of probabilistic cover inequalities. Operations Research Letters, 2017, 45, 513-518.	0.7	3
11	Embedded variable selection method using signomial classification. Annals of Operations Research, 2017, 254, 89-109.	4.1	6
12	Robust optimization approach for a chance-constrained binary knapsack problem. Mathematical Programming, 2016, 157, 277-296.	2.4	16
13	An optimization algorithm for the minimum k-connected m-dominating set problem in wireless sensor networks. Wireless Networks, 2015, 21, 783-792.	3.0	23
14	Multi-class classification using a signomial function. Journal of the Operational Research Society, 2015, 66, 434-449.	3.4	3
15	Benders decomposition approach for the robust network design problem with flow bifurcations. Networks, 2013, 62, 1-16.	2.7	26
16	Exact Algorithms for a Bandwidth Packing Problem with Queueing Delay Guarantees. INFORMS Journal on Computing, 2013, 25, 585-596.	1.7	9
17	Technical Noteâ€”Branch-and-Price-and-Cut Approach to the Robust Network Design Problem Without Flow Bifurcations. Operations Research, 2012, 60, 604-610.	1.9	25
18	Robust vehicle routing problem with deadlines and travel time/demand uncertainty. Journal of the Operational Research Society, 2012, 63, 1294-1306.	3.4	115

#	Article	IF	Citations
19	Chebyshev center based column generation. Discrete Applied Mathematics, 2011, 159, 2251-2265.	0.9	10
20	Optimal multicast route packing. European Journal of Operational Research, 2009, 196, 351-359.	5.7	11
21	Optimal Multicast Routing and Wavelength Assignment on WDM Ring Networks Without Wavelength Conversion. IEEE Communications Letters, 2007, 11, 898-900.	4.1	5
22	A branch-and-price algorithm for a targeting problem. Naval Research Logistics, 2007, 54, 732-741.	2.2	24
23	Comparison of wavelength requirements between two wavelength assignment methods in survivable WDM networks. Annals of Operations Research, 2006, 146, 75-89.	4.1	1
24	ATM VP-based network design. European Journal of Operational Research, 2004, 158, 555-569.	5.7	3
25	Algorithms for the variable sized bin packing problem. European Journal of Operational Research, 2003, 147, 365-372.	5.7	149
26	The single allocation problem in the interacting three-hub network. Networks, 2000, 35, 17-25.	2.7	47
27	Design of local networks using USHRs. Telecommunication Systems, 2000, 14, 197-217.	2.5	7
28	Telecommunication Node Clustering with Node Compatibility and Network Survivability Requirements. Management Science, 2000, 46, 363-374.	4.1	34
29	Optimal routing and wavelength assignment in WDM ring networks. IEEE Journal on Selected Areas in Communications, 2000, 18, 2146-2154.	14.0	52
30	Lagrangian relaxation approach to the targeting problem. Naval Research Logistics, 1999, 46, 640-653.	2.2	20
31	An Integer Programming Approach to the Bandwidth Packing Problem. Management Science, 1996, 42, 1277-1291.	4.1	47
32	Design of capacitated networks with tree configurations. Telecommunication Systems, 1996, 6, 1-19.	2.5	11
33	Efficient operation of a surface mounting machine with a multihead turret. International Journal of Production Research, 1996, 34, 1131-1143.	7.5	37
34	A polyhedral approach to edge coloring. Operations Research Letters, 1991, 10, 315-322.	0.7	41