Nir Halman

List of Publications by Year
in descending order

		1307594	1125743
22 papers	**202** citations	**7** h-index	**13** g-index
22 all docs	**22** docs citations	**22** times ranked	**121** citing authors

#	Article	IF	Citations
1	A Fully Polynomial-Time Approximation Scheme for Single-Item Stochastic Inventory Control with Discrete Demand. Mathematics of Operations Research, 2009, 34, 674-685.	1.3	57
2	Fully Polynomial Time Approximation Schemes for Stochastic Dynamic Programs. SIAM Journal on Discrete Mathematics, 2014, 28, 1725-1796.	0.8	32
3	Approximating the Nonlinear Newsvendor and Single-Item Stochastic Lot-Sizing Problems When Data Is Given by an Oracle. Operations Research, 2012, 60, 429-446.	1.9	25
4	On the complexity of energy storage problems. Discrete Optimization, 2018, 28, 31-53.	0.9	12
5	Fully polynomial-time approximation schemes for time–cost tradeoff problems in series–parallel project networks. Operations Research Letters, 2009, 37, 239-244.	0.7	10
6	A Computationally Efficient FPTAS for Convex Stochastic Dynamic Programs. SIAM Journal on Optimization, 2015, 25, 317-350.	2.0	10
7	An FPTAS for the knapsack problem with parametric weights. Operations Research Letters, 2018, 46, 487-491.	0.7	9
8	A deterministic fully polynomial time approximation scheme for counting integer knapsack solutions made easy. Theoretical Computer Science, 2016, 645, 41-47.	0.9	7
9	Approximation schemes for non-separable non-linear boolean programming problems under nested knapsack constraints. European Journal of Operational Research, 2018, 270, 435-447.	5.7	7
10	Bi-criteria path problem with minimum length and maximum survival probability. OR Spectrum, 2019, 41, 469-489.	3.4	7
11	The TV advertisements scheduling problem. Optimization Letters, 2019, 13, 81-94.	1.6	7
12	Toward Breaking the Curse of Dimensionality: An FPTAS for Stochastic Dynamic Programs with Multidimensional Actions and Scalar States. SIAM Journal on Optimization, 2019, 29, 1131-1163.	2.0	5
13	A technical note: fully polynomial time approximation schemes for minimizing the makespan of deteriorating jobs with nonlinear processing times. Journal of Scheduling, 2020, 23, 643-648.	1.9	4
14	Approximating convex functions via non-convex oracles under the relative noise model. Discrete Optimization, 2015, 16, 1-16.	0.9	3
15	Automatic Generation of FPTASes for Stochastic Monotone Dynamic Programs Made Easier. SIAM Journal on Discrete Mathematics, 2021, 35, 2679-2722.	0.8	2
16	A faster FPTAS for counting two-rowed contingency tables. Discrete Applied Mathematics, 2021, 303, 161-170.	0.9	1
17	Provably Near-Optimal Approximation Schemes for Implicit Stochastic and Sample-Based Dynamic Programs. INFORMS Journal on Computing, 0, , .	1.7	1
18	An FPTAS for two performance measures for the relocation scheduling problem subject to fixed processing sequences. Optimization Letters, 0, , 1.	1.6	1

#	Article	IF	Citations
19	FPTASes for minimizing makespan of deteriorating jobs with non-linear processing times. , 2018, , .		1
20	Strongly Polynomial FPTASes for Monotone Dynamic Programs. Algorithmica, 2022, 84, 2785-2819.	1.3	1
21	Fully polynomial time $$(Sigma ,Pi)$$-approximation schemes for continuous nonlinear newsvendor and continuous stochastic dynamic programs. Mathematical Programming, 0, , 1.	2.4	0
22	Max–max, max–min, min–max and min–min knapsack problems with a parametric constraint. 4or, 0, , 1.	1.6	0