

Boris Defourny

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

222
citations

1307366

7
h-index

1199470

12
g-index

29
all docs

29
docs citations

29
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	The maximum diversity assortment selection problem. <i>Mathematical Methods of Operations Research</i> , 2021, 93, 521-554.	0.4	0
2	Implied Markov transition matrices under structural price models. <i>Quantitative Finance</i> , 2021, 21, 1935-1954.	0.9	3
3	Sequential Learning in Designing Marketing Campaigns for Market Entry. <i>Management Science</i> , 2020, 66, 4226-4245.	2.4	3
4	An active-set strategy to solve Markov decision processes with good-deal risk measure. <i>Optimization Letters</i> , 2019, 13, 1239-1257.	0.9	1
5	A Risk-Averse Stochastic Dynamic Programming Approach to Energy Hub Optimal Dispatch. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 2169-2178.	4.6	57
6	Optimal Predictive Maintenance Policy for an Ocean Wave Farm. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 1993-2004.	5.9	8
7	On the Value of Dual-Firing Power Generation Under Uncertain Gas Network Access. <i>Springer Proceedings in Mathematics and Statistics</i> , 2019, , 17-37.	0.1	0
8	Optimal control of energy storage under random operation permissions. <i>IIEE Transactions</i> , 2018, 50, 668-682.	1.6	8
9	Optimality of an affine intensity policy for maximizing the probability of an arrival count in point-process intensity control. <i>Operations Research Letters</i> , 2018, 46, 51-55.	0.5	2
10	Parallel Nonstationary Direct Policy Search for Risk-Averse Stochastic Optimization. <i>INFORMS Journal on Computing</i> , 2017, 29, 332-349.	1.0	9
11	Optimal price-threshold control for battery operation with aging phenomenon: a quasiconvex optimization approach. <i>Annals of Operations Research</i> , 2017, , 1.	2.6	8
12	Distribution system controls assessment in a nonbinding transactive energy market. , 2017, , .		2
13	A multiobjective approach to the management of opt-in distributed energy resources. , 2017, , .		0
14	Optimal Learning in Linear Regression with Combinatorial Feature Selection. <i>INFORMS Journal on Computing</i> , 2016, 28, 721-735.	1.0	14
15	Risk-sensitive stochastic optimization for storage operation management. , 2015, , .		1
16	Optimal Information Blending with Measurements in the L^2 Sphere. <i>Mathematics of Operations Research</i> , 2015, 40, 1060-1088.	0.8	5
17	Near-optimality bounds for greedy periodic policies with application to grid-level storage. , 2014, , .		7
18	A Robust Solution to the Load Curtailment Problem. <i>IEEE Transactions on Smart Grid</i> , 2013, 4, 2209-2219.	6.2	13

#	ARTICLE	IF	CITATIONS
19	Robust Forecasting for Unit Commitment with Wind. , 2013, , .		0
20	Bias-corrected Q-learning to control max-operator bias in Q-learning. , 2013, , .		12
21	Scenario Trees and Policy Selection for Multistage Stochastic Programming Using Machine Learning. INFORMS Journal on Computing, 2013, 25, 488-501.	1.0	18
22	Efficient learning of donor retention strategies for the American Red Cross. , 2013, , .		4
23	Ranking and selection meets robust optimization. , 2012, , .		4
24	Multistage Stochastic Programming. , 2012, , 97-143.		28
25	Supervised learning of intra-daily recourse strategies for generation management under uncertainties. , 2009, , .		4
26	Planning under uncertainty, ensembles of disturbance trees and kernelized discrete action spaces. , 2009, , .		2
27	Probability Density Estimation by Perturbing and Combining Tree Structured Markov Networks. Lecture Notes in Computer Science, 2009, , 156-167.	1.0	4
28	Lazy Planning under Uncertainty by Optimizing Decisions on an Ensemble of Incomplete Disturbance Trees. Lecture Notes in Computer Science, 2008, , 1-14.	1.0	3