

# Boris Defourny

## List of Publications by Year in descending order

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28  
papers

222  
citations

1307543

7  
h-index

1199563

12  
g-index

29  
all docs

29  
docs citations

29  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Risk-Averse Stochastic Dynamic Programming Approach to Energy Hub Optimal Dispatch. IEEE Transactions on Power Systems, 2019, 34, 2169-2178.	6.5	57
2	Multistage Stochastic Programming. , 2012, , 97-143.		28
3	Scenario Trees and Policy Selection for Multistage Stochastic Programming Using Machine Learning. INFORMS Journal on Computing, 2013, 25, 488-501.	1.7	18
4	Optimal Learning in Linear Regression with Combinatorial Feature Selection. INFORMS Journal on Computing, 2016, 28, 721-735.	1.7	14
5	A Robust Solution to the Load Curtailment Problem. IEEE Transactions on Smart Grid, 2013, 4, 2209-2219.	9.0	13
6	Bias-corrected Q-learning to control max-operator bias in Q-learning. , 2013, , .		12
7	Parallel Nonstationary Direct Policy Search for Risk-Averse Stochastic Optimization. INFORMS Journal on Computing, 2017, 29, 332-349.	1.7	9
8	Optimal price-threshold control for battery operation with aging phenomenon: a quasiconvex optimization approach. Annals of Operations Research, 2017, , 1.	4.1	8
9	Optimal control of energy storage under random operation permissions. IIEE Transactions, 2018, 50, 668-682.	2.4	8
10	Optimal Predictive Maintenance Policy for an Ocean Wave Farm. IEEE Transactions on Sustainable Energy, 2019, 10, 1993-2004.	8.8	8
11	Near-optimality bounds for greedy periodic policies with application to grid-level storage. , 2014, , .		7
12	Optimal Information Blending with Measurements in the $L^2$ Sphere. Mathematics of Operations Research, 2015, 40, 1060-1088.	1.3	5
13	Supervised learning of intra-daily recourse strategies for generation management under uncertainties. , 2009, , .		4
14	Ranking and selection meets robust optimization. , 2012, , .		4
15	Efficient learning of donor retention strategies for the American Red Cross. , 2013, , .		4
16	Probability Density Estimation by Perturbing and Combining Tree Structured Markov Networks. Lecture Notes in Computer Science, 2009, , 156-167.	1.3	4
17	Sequential Learning in Designing Marketing Campaigns for Market Entry. Management Science, 2020, 66, 4226-4245.	4.1	3
18	Implied Markov transition matrices under structural price models. Quantitative Finance, 2021, 21, 1935-1954.	1.7	3

#	ARTICLE	IF	CITATIONS
19	Lazy Planning under Uncertainty by Optimizing Decisions on an Ensemble of Incomplete Disturbance Trees. Lecture Notes in Computer Science, 2008, , 1-14.	1.3	3
20	Planning under uncertainty, ensembles of disturbance trees and kernelized discrete action spaces. , 2009, , .		2
21	Distribution system controls assessment in a nonbinding transactive energy market. , 2017, , .		2
22	Optimality of an affine intensity policy for maximizing the probability of an arrival count in point-process intensity control. Operations Research Letters, 2018, 46, 51-55.	0.7	2
23	Risk-sensitive stochastic optimization for storage operation management. , 2015, , .		1
24	An active-set strategy to solve Markov decision processes with good-deal risk measure. Optimization Letters, 2019, 13, 1239-1257.	1.6	1
25	Robust Forecasting for Unit Commitment with Wind. , 2013, , .		0
26	A multiobjective approach to the management of opt-in distributed energy resources. , 2017, , .		0
27	The maximum diversity assortment selection problem. Mathematical Methods of Operations Research, 2021, 93, 521-554.	1.0	0
28	On the Value of Dual-Firing Power Generation Under Uncertain Gas Network Access. Springer Proceedings in Mathematics and Statistics, 2019, , 17-37.	0.2	0