

# Dimitri Thomopoulos

## List of Publications by Year in descending order

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16  
papers

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citations

1163117

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citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Two-Dimensional Guillotine Cutting Problems via Integer Programming. <i>INFORMS Journal on Computing</i> , 2016, 28, 736-751.	1.7	37
2	Deep Learning and Reduced Models for Fast Optimization in Electromagnetics. <i>IEEE Transactions on Magnetics</i> , 2020, 56, 1-4.	2.1	34
3	A Deep Learning Surrogate Model for Topology Optimization. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-4.	2.1	19
4	An Optimized Decentralized Power Sharing Strategy for Wind Farm De-Loading. <i>IEEE Transactions on Power Systems</i> , 2021, 36, 136-146.	6.5	17
5	Optimized Energy and Air Quality Management of Shared Smart Buildings in the COVID-19 Scenario. <i>Energies</i> , 2021, 14, 2124.	3.1	15
6	Fault Prediction and Early-Detection in Large PV Power Plants Based on Self-Organizing Maps. <i>Sensors</i> , 2021, 21, 1687.	3.8	14
7	A Regularized Procedure to Generate a Deep Learning Model for Topology Optimization of Electromagnetic Devices. <i>Electronics (Switzerland)</i> , 2021, 10, 2185.	3.1	11
8	e4clim 1.0: The Energy for a Climate Integrated Model: Description and Application to Italy. <i>Energies</i> , 2019, 12, 4299.	3.1	9
9	Decomposition and shortest path problem formulation for solving the hydro unit commitment and scheduling in a hydro valley. <i>European Journal of Operational Research</i> , 2021, 291, 935-943.	5.7	7
10	Nonlinear chance-constrained problems with applications to hydro scheduling. <i>Mathematical Programming</i> , 2022, 191, 405-444.	2.4	6
11	Shortest Path Problem variants for the Hydro Unit Commitment Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2018, 69, 309-316.	0.4	5
12	Optimizing allocation in a warehouse network. <i>Electronic Notes in Discrete Mathematics</i> , 2018, 64, 195-204.	0.4	3
13	Rotor Speed Fluctuation Analysis for Rapid De-Loading of Variable Speed Wind Turbines. , 2020, , .		3
14	A Decentralized Power Sharing Strategy for Wind Farm De-Loading. , 2020, , .		1
15	Controlled islanding algorithm for AC/DC hybrid power systems utilising DC modulation. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 6440-6449.	2.5	1
16	Handling Separable Non-convexities Using Disjunctive Cuts. <i>Lecture Notes in Computer Science</i> , 2020, , 102-114.	1.3	1