Dimitri Thomopulos

List of Publications by Year
in descending order

16 papers	185 citations	1163117 8 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	179 citing authors

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