

Turhan Demiray

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

327
citations

1478505

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1872680

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g-index

17
all docs

17
docs citations

17
times ranked

437
citing authors

#	ARTICLE	IF	CITATIONS
1	Nexus-e: A platform of interfaced high-resolution models for energy-economic assessments of future electricity systems. Applied Energy, 2022, 307, 118193.	10.1	13
2	Benefit Analysis of a Hybrid HVAC/HVDC Transmission Line: a Swiss Case Study. , 2019, , .		7
3	Linear/quadratic programming-based optimal power flow using linear power flow and absolute loss approximations. International Journal of Electrical Power and Energy Systems, 2019, 107, 680-689.	5.5	52
4	Combining Investment, Dispatch, and Security Models - An Assessment of Future Electricity Market Options for Switzerland. , 2018, , .		2
5	Transmission Network Reduction Method Using Nonlinear Optimization. , 2018, , .		3
6	A security-constrained multi-period OPF for the locational allocation of automatic reserves. , 2017, , .		5
7	Operational optimisation for multi-carrier networks. , 2017, , .		0
8	Combined energy hub optimisation and demand side management for buildings. Energy and Buildings, 2016, 127, 229-241.	6.7	57
9	Energy hub modelling and optimisation: an analytical case-study. , 2015, , .		11
10	Large-scale PV integration strategies in distribution grids. , 2015, , .		9
11	Stabilization of Large Power Systems Using VSCâ€“HVDC and Model Predictive Control. IEEE Transactions on Power Delivery, 2014, 29, 480-488.	4.3	112
12	Risk assessment of the impact of geomagnetic disturbances on the transmission grid in Switzerland. , 2013, , .		9
13	A Lagrangian Decomposition Algorithm for Optimal Emergency Voltage Control. IEEE Transactions on Power Systems, 2010, 25, 1769-1779.	6.5	38
14	Optimization of numerical integration methods for the simulation of dynamic phasor models in power systems. International Journal of Electrical Power and Energy Systems, 2009, 31, 512-521.	5.5	9