

# Tarek Masaud

## List of Publications by Year in descending order

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15  
papers

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citations

1478505

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h-index

1872680

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docs citations

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times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlating Optimal Size, Cycle Life Estimation, and Technology Selection of Batteries: A Two-Stage Approach for Microgrid Applications. IEEE Transactions on Sustainable Energy, 2020, 11, 1257-1267.	8.8	35
2	A Blockchain-Enabled Decentralized Energy Trading Mechanism for Islanded Networked Microgrids. IEEE Access, 2020, 8, 211291-211302.	4.2	32
3	Optimal Wind DG Integration for Security Risk-Based Line Overload Enhancement: A Two Stage Approach. IEEE Access, 2020, 8, 11939-11947.	4.2	8
4	Impact of Seasonal Net load Variation on Load Shedding Ratio in Islanded Microgrid Operation. , 2019, , .		1
5	Optimal Penetration of Combined Wind DG and VAR Compensation for Voltage Stability Improvement. , 2018, , .		0
6	Optimal placement and sizing of distributed generation based wind energy considering optimal self VAR control. IET Renewable Power Generation, 2017, 11, 281-288.	3.1	15
7	Placement of large-scale utility-owned wind distributed generation based on probabilistic forecasting of line congestion. IET Renewable Power Generation, 2017, 11, 979-986.	3.1	16
8	Placement and sizing of parallel reactive power compensation in the presence of distributed generation for line loss reduction. , 2017, , .		0
9	Impact of aggregated EVs charging station on the optimal scheduling of battery storage system in islanded microgrid. , 2017, , .		4
10	Sizing of large-scale battery storage for off-grid wind power plant considering a flexible wind supply demand balance. IET Renewable Power Generation, 2017, 11, 1625-1632.	3.1	15
11	Fault current contribution of Renewable Distributed Generation: An overview and key issues. , 2016, , .		12
12	Optimal allocation of SCIG and DFIG based distributed generation considering load uncertainty and line outage: A comparative study. , 2016, , .		5
13	A probabilistic forecasting model for accurate estimation of PV solar and wind power generation. , 2016, , .		18
14	Modeling and analysis of self-excited induction generator for wind energy conversion. , 2015, , .		4
15	A comprehensive analysis of voltage stability indices in the presence of distributed generation. , 2015, , .		4