

# Hadi Khani

## List of Publications by Year in descending order

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22  
papers

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citations

567281  
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docs citations

22  
times ranked

678  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen Storage Optimal Scheduling for Fuel Supply and Capacity-Based Demand Response Program Under Dynamic Hydrogen Pricing. IEEE Transactions on Smart Grid, 2019, 10, 4531-4542.	9.0	134
2	Optimal Day-Ahead Scheduling of Power-to-Gas Energy Storage and Gas Load Management in Wholesale Electricity and Gas Markets. IEEE Transactions on Sustainable Energy, 2018, 9, 940-951.	8.8	108
3	Transmission Congestion Relief Using Privately Owned Large-Scale Energy Storage Systems in a Competitive Electricity Market. IEEE Transactions on Power Systems, 2016, 31, 1449-1458.	6.5	70
4	Supervisory Scheduling of Storage-Based Hydrogen Fueling Stations for Transportation Sector and Distributed Operating Reserve in Electricity Markets. IEEE Transactions on Industrial Informatics, 2020, 16, 1529-1538.	11.3	69
5	Bidirectional smart charging of electric vehicles considering user preferences, peer to peer energy trade, and provision of grid ancillary services. International Journal of Electrical Power and Energy Systems, 2021, 124, 106353.	5.5	64
6	Real-Time Optimal Dispatch and Economic Viability of Cryogenic Energy Storage Exploiting Arbitrage Opportunities in an Electricity Market. IEEE Transactions on Smart Grid, 2015, 6, 391-401.	9.0	47
7	Online Adaptive Real-Time Optimal Dispatch of Privately Owned Energy Storage Systems Using Public-Domain Electricity Market Prices. IEEE Transactions on Power Systems, 2015, 30, 930-938.	6.5	32
8	Optimal operation management of distributed and centralized electrolysis-based hydrogen generation and storage systems. Electric Power Systems Research, 2020, 187, 106476.	3.6	28
9	On the Resiliency of Power and Gas Integration Resources Against Cyber Attacks. IEEE Transactions on Industrial Informatics, 2021, 17, 3099-3110.	11.3	26
10	Optimal Sizing and Scheduling of LOHC-Based Generation and Storage Plants for Concurrent Services to Transportation Sector and Ancillary Services Market. IEEE Transactions on Sustainable Energy, 2020, 11, 1381-1393.	8.8	23
11	Power Congestion Management in Integrated Electricity and Gas Distribution Grids. IEEE Systems Journal, 2019, 13, 1883-1894.	4.6	20
12	Joint Arbitrage and Operating Reserve Scheduling of Energy Storage Through Optimal Adaptive Allocation of the State of Charge. IEEE Transactions on Sustainable Energy, 2019, 10, 1705-1717.	8.8	17
13	Real-time optimal management of reverse power flow in integrated power and gas distribution grids under large renewable power penetration. IET Generation, Transmission and Distribution, 2018, 12, 2325-2331.	2.5	16
14	An Online-Calibrated Time Series Based Model for Day-Ahead Natural Gas Demand Forecasting. IEEE Transactions on Industrial Informatics, 2019, 15, 2112-2123.	11.3	16
15	Analytical Size Estimation Methodologies for Electrified Transportation Fueling Infrastructures Using Public-Domain Market Data. IEEE Transactions on Transportation Electrification, 2019, 5, 840-851.	7.8	15
16	Voltage regulation in active power distribution systems integrated with natural gas grids using distributed electric and gas energy resources. International Journal of Electrical Power and Energy Systems, 2019, 106, 561-571.	5.5	14
17	A Real-Time Multistep Optimization-Based Model for Scheduling of Storage-Based Large-Scale Electricity Consumers in a Wholesale Market. IEEE Transactions on Sustainable Energy, 2017, 8, 836-845.	8.8	13
18	An estimation-Based optimal scheduling model for settable renewable penetration level in energy hubs. Electric Power Systems Research, 2021, 196, 107230.	3.6	11

#	ARTICLE	IF	CITATIONS
19	Power Loss Alleviation in Integrated Power and Natural Gas Distribution Grids. IEEE Transactions on Industrial Informatics, 2019, 15, 6220-6230.	11.3	10
20	Operational and Economic Feasibility Area Estimation for Peer-to-Peer Consortium of Storage Systems in a Blockchain Framework. IEEE Systems Journal, 2021, 15, 423-434.	4.6	4
21	Comparative Time-of-Use and wholesale electricity price-based scheduling in embedded power and natural gas distribution grids penetrated with large renewable generation. Electric Power Systems Research, 2019, 177, 105975.	3.6	2
22	Investigation of Ontario's electricity market behaviour and energy storage scheduling in the market based on model predictive control. , 2017, , .		1