

# Hadi Khani

## List of Publications by Year in descending order

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22  
papers

740  
citations

643344

15  
h-index

799663

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

797  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.9	4
2	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.	3.3	64
3	On the Resiliency of Power and Gas Integration Resources Against Cyber Attacks. IEEE Transactions on Industrial Informatics, 2021, 17, 3099-3110.	7.2	26
4	An estimation-based optimal scheduling model for settable renewable penetration level in energy hubs. Electric Power Systems Research, 2021, 196, 107230.	2.1	11
5	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.	7.2	69
6	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.	5.9	23
7	Optimal operation management of distributed and centralized electrolysis-based hydrogen generation and storage systems. Electric Power Systems Research, 2020, 187, 106476.	2.1	28
8	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.	6.2	134
9	An Online-Calibrated Time Series Based Model for Day-Ahead Natural Gas Demand Forecasting. IEEE Transactions on Industrial Informatics, 2019, 15, 2112-2123.	7.2	16
10	Power Congestion Management in Integrated Electricity and Gas Distribution Grids. IEEE Systems Journal, 2019, 13, 1883-1894.	2.9	20
11	Analytical Size Estimation Methodologies for Electrified Transportation Fueling Infrastructures Using Public Domain Market Data. IEEE Transactions on Transportation Electrification, 2019, 5, 840-851.	5.3	15
12	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.	2.1	2
13	Power Loss Alleviation in Integrated Power and Natural Gas Distribution Grids. IEEE Transactions on Industrial Informatics, 2019, 15, 6220-6230.	7.2	10
14	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.	3.3	14
15	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.	5.9	17
16	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.	5.9	108
17	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.	1.4	16
18	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.	5.9	13

#	ARTICLE	IF	CITATIONS
19	Investigation of Ontario's electricity market behaviour and energy storage scheduling in the market based on model predictive control. , 2017, , .		1
20	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.	4.6	70
21	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.	4.6	32
22	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.	6.2	47