

# Mehdy Khayamy

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

317  
citations

1040056

9  
h-index

1058476

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Interval Type-2 Fuzzy Logic Control for PMSM Drives With a Modified Reference Frame. IEEE Transactions on Industrial Electronics, 2017, 64, 3786-3797.	7.9	100
2	Current Sensorless MTPA Operation of Interior PMSM Drives for Vehicular Applications. IEEE Transactions on Vehicular Technology, 2018, 67, 6872-6881.	6.3	40
3	Simplified Speed Control of Permanent Magnet Synchronous Motors Using Genetic Algorithms. IEEE Transactions on Power Electronics, 2019, 34, 3563-3574.	7.9	31
4	Current Sensorless MTPA for IPMSM Drives. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1585-1593.	5.8	24
5	Efficient PMSM-Inverter-Based Drive for Vehicular Transportation Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 4783-4792.	6.3	23
6	Adaptive RBF Network Based Direct Voltage Control for Interior PMSM Based Vehicles. IEEE Transactions on Vehicular Technology, 2018, , 1-1.	6.3	23
7	Adaptive Fuzzy Logic Control Mixing Strategy of DC/DC Converters in Both Discontinuous and Continuous Conduction Modes. Journal of Control, Automation and Electrical Systems, 2016, 27, 274-288.	2.0	13
8	MTPA based operation point speed tracking for PMSM drives without explicit current regulation. Electric Power Systems Research, 2017, 151, 125-135.	3.6	11
9	Development of an Equivalent Circuit for Batteries Based on a Distributed Impedance Network. IEEE Transactions on Vehicular Technology, 2020, 69, 6119-6128.	6.3	11
10	A Novel Topology for Solar PV Inverter Based on an LLC Resonant Converter With Optimal Frequency and Phase-Shift Control. IEEE Transactions on Industry Applications, 2022, 58, 5042-5054.	4.9	11
11	Formal verification of ladder logic programs using NuSMV. , 2017, , .		9
12	Grid Synchronization Phase-Locked Loop Strategy for Unbalance and Harmonic Distortion Conditions. Journal of Control, Automation and Electrical Systems, 2016, 27, 463-471.	2.0	6
13	An Insightful Steady-State Performance of a Squirrel Cage Induction Generator Enhanced with STATCOM. International Journal of Emerging Electric Power Systems, 2014, 15, 205-215.	0.8	5
14	Non-linear controller approach for an autonomous battery-assisted photovoltaic system feeding an AC load with a non-linear component. IET Renewable Power Generation, 2014, 8, 838-848.	3.1	4
15	Development of a Power and Voltage Control Scheme for Multi-Port Solid State Transformers. , 2018, , .		4
16	A Power Regulation and Droop Mode Control Method for a Stand-Alone Load Fed from a PV-Current Source Inverter. International Journal of Emerging Electric Power Systems, 2015, 16, 83-91.	0.8	2