

Athar

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

71
citations

2258059

3
h-index

2550090

3
g-index

16
all docs

16
docs citations

16
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Review in thermal effects on the performance of electric motors. , 2016, , .		14
2	Managing Thermally Derated Torque of an Electrified Powertrain Through LPV Control. IEEE/ASME Transactions on Mechatronics, 2018, 23, 364-376.	5.8	14
3	Cubature kalman filter-based state estimation for distributed drive electric vehicles. , 2016, , .		6
4	Effect of variation in rotor resistance on the dynamic performance of induction motor. , 2016, , .		6
5	Half cycle pairs method for harmonic analysis of cycloconverter voltage waveform. , 2013, , .		5
6	Sliding mode-based observer design for field-oriented control of induction machine drive for applications in hybrid electric vehicles. , 2014, , .		5
7	Estimation of thermally de-rated torque of an HEV drive using robust LPV observer. , 2016, , .		5
8	A Unified Control Framework for Traction Machine Drive Using Linear Parameters Varying-Based Field-Oriented Control. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2020, 142, .	1.6	5
9	A VRC H $\hat{\alpha}$ Design for Dynamic Thermal Derating of Induction Machines. , 2018, , .		3
10	Compensating Thermal Derated Torque of IPMSM Centric Electric Vehicles. IEEE Access, 2022, 10, 24468-24480.	4.2	3
11	Control design for the compensation of limit cycles in Van Der Pol oscillator. , 2017, , .		2
12	An LPV H $\hat{\alpha}$ Control Design for the Varying Rotor Resistance Effects on the Dynamic Performance of Induction Motors. , 2018, , .		2
13	Compensating the Performance and Loss of Life of an Induction Machine based Electrified Powertrain using Robust LPV Controller. , 2018, , .		1
14	Fuzzy LMI servo controller for uncertain ball and beam system. , 2014, , .		0
15	Stability Analysis in Networked Control System Using Input Feedback Concept. , 2015, , .		0
16	Virtual Sensor Using a Super Twisting Algorithm Based Uniform Robust Exact Differentiator for Electric Vehicles. Energies, 2022, 15, 1773.	3.1	0