

Athar

List of Publications by Year in descending order

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16
papers

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citations

2258059

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2550090

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16
all docs

16
docs citations

16
times ranked

65
citing authors

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