

Facundo Aguilera

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

83
citations

1684188

5
h-index

1872680

6
g-index

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all docs

15
docs citations

15
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Speed and current sensor fault-tolerant induction motor drive for electric vehicles based on virtual sensors. <i>Electrical Engineering</i> , 2022, 104, 3157-3171.	2.0	9
2	Detection and isolation of current-sensor and open-switch faults in electric traction drives. <i>IEEE Latin America Transactions</i> , 2021, 19, 1335-1346.	1.6	4
3	Single-Observer Based Current Sensor Fault Tolerant Control for IM Traction Drives. <i>IEEE Latin America Transactions</i> , 2021, 19, 2087-2096.	1.6	9
4	Experimental validation of a detection and isolation strategy of current sensors and inverter switches faults in electric drives. , 2021, , .		0
5	Current-sensors fault tolerant control system for electric drives: experimental validation. , 2021, , .		2
6	Effects of open-switch faults over speed sensor fault-tolerant scheme for electric traction drive. , 2020, , .		4
7	Design of discrete-time current controllers for induction motor drives based on an individual channel analysis approach. , 2019, , .		0
8	Performance of virtual sensors for fault tolerance in electric drive current sensors. , 2017, , .		2
9	Instrumento para medir dureza de semillas. , 2016, , .		0
10	Current-sensor fault detection and isolation for induction-motor drives using a geometric approach. <i>Control Engineering Practice</i> , 2016, 53, 35-46.	5.5	27
11	A fault tolerant system for current sensors in induction motor drives. , 2015, , .		3
12	Selection of Induction Machine Models for Efficiency Evaluation in Electric Vehicles. <i>IEEE Latin America Transactions</i> , 2013, 11, 334-340.	1.6	5
13	Induction machine models for efficiency studies in EV design applications. , 2012, , .		3
14	Behavior of electric vehicles and traction drives during sensor faults. , 2012, , .		10
15	Multi-Domain Model for Electric Traction Drives Using Bond Graphs. <i>Journal of Power Electronics</i> , 2011, 11, 439-448.	1.5	5