Facundo Aguilera

List of Publications by Year
in descending order

15	83	1684188 5	1872680 6
papers	citations	h-index	g-index

15	15	15	68
all docs	docs citations	times ranked	citing authors

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