Hamdi Echeikh

List of Publications by Year
in descending order

11	111	1163117 8	1474206 9
papers	citations	h-index	g-index

11	11	11	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effective Direct Power Control for a Sensor-Less Doubly Fed Induction Generator with a Losses Minimization Criterion. Electronics (Switzerland), 2020, 9, 1269.	3.1	21
2	Comparative study between the rotor flux oriented control and nonâ€linear backstepping control of a fiveâ€phase induction motor drive â€“ an experimental validation. IET Power Electronics, 2016, 9, 2510-2521.	2.1	20
3	Comparative Study of Hysteresis Controller, Resonant Controller and Direct Torque Control of Five-Phase IM under Open-Phase Fault Operation. Energies, 2021, 14, 1317.	3.1	13
4	Real time implementation of indirect rotor flux oriented control of a five-phase induction motor with novel rotor resistance adaption using sliding mode observer. Journal of the Franklin Institute, 2018, 355, 2112-2141.	3.4	12
5	Non-linear backstepping control of five-phase IM drive at low speed conditionsâ€“experimental implementation. ISA Transactions, 2016, 65, 244-253.	5.7	11
6	A novel fault tolerant control approach based on backstepping controller for a five phase induction motor drive: Experimental investigation. ISA Transactions, 2021, 112, 373-385.	5.7	11
7	Deadbeat-Based Model Predictive Voltage Control for a Sensorless Five-Phase Induction Motor Drive. Mathematical Problems in Engineering, 2020, 2020, 1-30.	1.1	9
8	A Novel Sensorless Control for Multiphase Induction Motor Drives Based on Singularly Perturbed Sliding Mode Observer-Experimental Validation. Applied Sciences (Switzerland), 2020, 10, 2776.	2.5	9
9	Enhancement of Induction Motor Dynamics Using a Novel Sensorless Predictive Control Algorithm. Energies, 2021, 14, 4377.	3.1	5
10	A Predictive Voltage Control Scheme For A Variable Speed Doubly Fed Induction Generator. , 2021, , .		0
11	A New Formula of Predictive Control for an Induction Motor:Comparative Study with MP DTC. , 2021, , .		0