

Samir Abdelmalek

List of Publications by Year in descending order

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187
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel effective nonlinear state observer based robust nonlinear sliding mode controller for a 6kW Proton Exchange Membrane Fuel Cell voltage regulation. Sustainable Energy Technologies and Assessments, 2021, 44, 100996.	2.7	14
2	A new robust control scheme: Application for MPP tracking of a PMSG-based variable-speed wind turbine. Renewable Energy, 2021, 172, 1021-1034.	8.9	25
3	Design and experimental implementation of a new robust observer-based nonlinear controller for DC-DC buck converters. Energy, 2020, 213, 118816.	8.8	25
4	A Generalized Control Strategy for DC-DC Converters used in DC Microgrid with SWT, PV and FC. , 2020, , .		0
5	A new effective robust nonlinear controller based on PSO for interleaved DC-DC boost converters for fuel cell voltage regulation. Soft Computing, 2020, 24, 17051-17064.	3.6	15
6	A new combined actuator fault estimation and accommodation for linear parameter varying system subject to simultaneous and multiple faults: an LMIs approach. Soft Computing, 2019, 23, 10449-10462.	3.6	7
7	A Novel Actuator Fault-tolerant Control Strategy of DFIG-based Wind Turbines Using Takagi-Sugeno Multiple Models. International Journal of Control, Automation and Systems, 2018, 16, 1415-1424.	2.7	54
8	A New Combined Observer-State Feedback (COSF) Controller of PWM Buck Converter. , 2018, , .		5
9	An Improved Observer-based Integral State Feedback (OISF) Control Strategy of Flyback Converter for Photovoltaic Systems. , 2018, , .		6
10	An Improved Robust Fault-Tolerant Trajectory Tracking Controller (FTTC). , 2018, , .		4
11	SENSOR FAULTS DETECTION AND ESTIMATION FOR A DFIG EQUIPPED WIND TURBINE. Energy Procedia, 2017, 139, 3-9.	1.8	16
12	Kinetic Study and Optimization of Extraction Process Conditions. Energy Procedia, 2017, 139, 98-104.	1.8	9
13	An advanced robust fault-tolerant tracking control for a doubly fed induction generator with actuator faults. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 1346-1357.	1.4	17
14	Modeling and Optimization of the Operating Conditions of Marrubium vulgare L. Essential Oil Extraction Process: Kinetic Parameters Estimation through Genetic Algorithms. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 843-853.	1.9	18
15	A novel scheme for current sensor faults diagnosis in the stator of a DFIG described by a T-S fuzzy model. Measurement: Journal of the International Measurement Confederation, 2016, 91, 680-691.	5.0	55
16	Contributions to diagnosis and fault tolerant control based on Proportional Integral Observer: Application to a doubly-fed induction generator. , 2015, , .		12
17	Unknown Input Observer for a Doubly Fed Induction Generator Subject to Disturbances. International Journal of Power Electronics and Drive Systems, 2015, 6, 781.	0.6	7