

# Samir Abdelmalek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10821432/publications.pdf>

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17  
papers

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1040056

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1125743

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18  
docs citations

18  
times ranked

187  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
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 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
5	Modeling and Optimization of the Operating Conditions of <i>Marrubium vulgare</i> 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
6	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
7	SENSOR FAULTS DETECTION AND ESTIMATION FOR A DFIG EQUIPPED WIND TURBINE. Energy Procedia, 2017, 139, 3-9.	1.8	16
8	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
9	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
10	Contributions to diagnosis and fault tolerant control based on Proportional Integral Observer: Application to a doubly-fed induction generator. , 2015, , .		12
11	Kinetic Study and Optimization of Extraction Process Conditions. Energy Procedia, 2017, 139, 98-104.	1.8	9
12	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
13	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
14	An Improved Observer-based Integral State Feedback (OISF) Control Strategy of Flyback Converter for Photovoltaic Systems. , 2018, , .		6
15	A New Combined Observer-State Feedback (COSF) Controller of PWM Buck Converter. , 2018, , .		5
16	An Improved Robust Fault-Tolerant Trajectory Tracking Controller (FTTC). , 2018, , .		4
17	A Generalized Control Strategy for DC-DC Converters used in DC Microgrid with SWT, PV and FC. , 2020, , .		0