

# Ahmed Rachid

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

183  
citations

1684129

5  
h-index

1372553

10  
g-index

27  
all docs

27  
docs citations

27  
times ranked

150  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Applications of Hybrid PV/T Panels. <i>Energies</i> , 2021, 14, 1205.	3.1	27
2	Bond graph modeling of a water-based photovoltaic thermal (PV/T) collector. <i>Solar Energy</i> , 2021, 220, 571-577.	6.1	17
3	Review and Comparative Study of Decision Support Tools for the Mitigation of Urban Heat Stress. <i>Climate</i> , 2021, 9, 102.	2.8	4
4	Performance evaluation of electric vehicle brushless direct current motor with a novel high-performance control strategy with experimental implementation. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2020, 234, 358-369.	1.0	4
5	Real Time Implementation for a Low-Cost Control for BLDC Motor Current Ripple Minimization. <i>European Journal of Electrical Engineering</i> , 2020, 22, 63-69.	0.3	2
6	Power switch failures tolerance of a photovoltaic fed three-level boost DC-DC converter. <i>Microelectronics Reliability</i> , 2019, 92, 87-95.	1.7	10
7	Current Spikes Minimization Method for Three-Phase Permanent Magnet Brushless DC Motor with Real-Time Implementation. <i>Energies</i> , 2018, 11, 3206.	3.1	5
8	Voltage Balance Control Analysis of Three-Level Boost DC-DC Converters: Theoretical Analysis and DSP-Based Real Time Implementation. <i>Energies</i> , 2018, 11, 3073.	3.1	4
9	Combined control of MPPT, output voltage regulation and capacitors voltage balance for three-level DC/DC boost converter in PV- EV charging stations. , 2018, , .		5
10	Observer based control for time varying delay systems with unknown inputs. , 2017, , .		0
11	Smart Solar Electric Tricycle. , 2017, , 721-728.		0
12	Autonomy analysis of a solar electric tricycle. , 2015, , .		4
13	Solar charging station for electric vehicles. , 2015, , .		10
14	A tracking control for pantograph-catenary system. , 2015, , .		6
15	Modelling methodology for the simulation of the manufacturing systems. <i>International Journal of Simulation and Process Modelling</i> , 2014, 9, 285.	0.2	3
16	Embedded state of charge and state of health estimator based on Kalman filter for electric scooter battery management system. , 2014, , .		8
17	Dynamic modelling and control of a &#x03BC;-CHP system with Stirling Engine. , 2014, , .		0
18	SOC estimation of Lithium-ion battery using Kalman filter and Luenberger observer: A comparative study. , 2014, , .		15

#	ARTICLE	IF	CITATIONS
19	Modeling and Simulation of a Lead-Acid Battery Packs in MATLAB/Simulink: Parameters Identification Using Extended Kalman Filter Algorithm. , 2014, , .		10
20	Simulating demand uncertainty and inventory control variability of multi-echelon distribution supply chain. , 2014, , .		1
21	A nonlinear state feedback control approach for a Pantograph-Catenary system. , 2013, , .		4
22	A robust control of contact force of pantograph-catenary for the high-speed train. , 2013, , .		7
23	Quadratic stability of synchronous machine via Takagi-Sugeno fuzzy control. , 2012, , .		2
24	Pantograph catenary control and observation using the LMI approach. , 2011, , .		11
25	Modeling and Identification of a Passive Air-Conditioning Unit using the Operating Point Dependent Parameters-Structure. , 2006, , .		3
26	NEURAL MODELING FOR DIESEL ENGINE CONTROL. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 343-348.	0.4	3
27	Adaptive controller for non-holonomic mobile robots with matched uncertainties. Advanced Robotics, 2000, 14, 105-118.	1.8	18