

Aziz Ja

List of Publications by Year in descending order

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59
papers

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759233

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59
all docs

59
docs citations

59
times ranked

782
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric vehicles charging using photovoltaic: Status and technological review. Renewable and Sustainable Energy Reviews, 2016, 54, 34-47.	16.4	189
2	Integrated photovoltaic-grid dc fast charging system for electric vehicle: A review of the architecture and control. Renewable and Sustainable Energy Reviews, 2017, 69, 1243-1257.	16.4	117
3	A critical review of electric vehicle charging using solar photovoltaic. International Journal of Energy Research, 2016, 40, 439-461.	4.5	83
4	Modeling of lithium-ion battery using MATLAB/simulink. , 2013, , .		65
5	A review on Variable Speed Control techniques for efficient control of Single-Phase Induction Motors: Evolution, classification, comparison. Renewable and Sustainable Energy Reviews, 2017, 75, 1306-1319.	16.4	37
6	A Comprehensive Overview of Electric Vehicle Charging using Renewable Energy. International Journal of Power Electronics and Drive Systems, 2016, 7, 114.	0.6	27
7	A bridgeless PFC converter for on-board battery charger. , 2014, , .		26
8	Experimental evaluation of FOC of 3-phase IM under open-phase fault. International Journal of Electronics, 2017, 104, 1675-1688.	1.4	24
9	Electrical model to predict current-voltage behaviours of lithium ferro phosphate batteries using a transient response correction method. Journal of Power Sources, 2013, 221, 201-209.	7.8	20
10	A new method for RFOC of Induction Motor under open-phase fault. , 2013, , .		18
11	Vector Control of Star-Connected 3-Phase Induction Motor Drives under Open-Phase Fault Based on Rotor Flux Field-Oriented Control. Electric Power Components and Systems, 2016, 44, 2325-2337.	1.8	18
12	A new pulse-width modulation (PWM) scheme for modular structured multilevel voltage source inverter. International Journal of Electronics, 2004, 91, 211-226.	1.4	16
13	The Concept of Research University: The Implementation in the Context of Malaysian University System. Asian Social Science, 2013, 9, , .	0.2	16
14	Modelling of lithium-titanate battery with ambient temperature effect for charger design. IET Power Electronics, 2016, 9, 1204-1212.	2.1	16
15	Performance Evaluation of the Field-Oriented Control of Star-Connected 3-Phase Induction Motor Drives under Stator Winding Open-Circuit Faults. Journal of Power Electronics, 2016, 16, 982-993.	1.5	16
16	Single carrier PWM scheme for cascaded multilevel voltage source inverter. , 0, , .		14
17	Modeling of Lithium Ion battery with nonlinear transfer resistance. , 2011, , .		14
18	Rule-based supervisory control of split-parallel hybrid electric vehicle. , 2014, , .		13

#	ARTICLE	IF	CITATIONS
19	Modeling of Wind Turbine Simulator for analysis of the wind energy conversion system using MATLAB/Simulink. , 2015, , .		12
20	Speed Sensorless Vector Control of Unbalanced Three-Phase Induction Motor with Adaptive Sliding Mode Control. International Journal of Power Electronics and Drive Systems, 2014, 4, .	0.6	12
21	Modeling and RFOC of faulty three-phase IM using Extended Kalman Filter for rotor speed estimation. , 2014, , .		9
22	A high power density soft switching bidirectional converter using unified resonant circuit. , 2015, , .		9
23	A new speed sensorless SVM-DTC in Induction motor by using EKF. , 2013, , .		8
24	A simple vector control technique for 3-phase induction motor under open-phase fault based on GA for tuning of speed PI controller. , 2014, , .		8
25	Battery State-of-Charge Estimation with Extended Kalman-Filter using Third-Order Thevenin Model. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 401.	0.8	8
26	Modeling of Balanced and Unbalanced Three-Phase Induction Motor under Balanced and Unbalanced Supply Based on Winding Function Method. International Journal of Electrical and Computer Engineering, 2015, 5, 644.	0.7	8
27	A high gain soft switching non-isolated bidirectional DC-DC converter. , 2016, , .		6
28	High capacity lifepo4 battery model with consideration of nonlinear capacity effects. , 2012, , .		4
29	A new method for RFOC of single-phase induction motor based on rotational transformations. , 2013, , .		4
30	DC-DC q-ZSC with Buck-Boost Converter Gain. , 2018, , .		4
31	A Novel Method for Vector Control of Three-Phase Induction Motor under Open-Phase Fault. Journal of Engineering and Technological Sciences, 2015, 47, 36-45.	0.6	4
32	A new buck-type active front end rectifier topology with improved voltage transfer ratio and common mode voltage cancellation. , 0, , .		3
33	Cancellation of the common mode voltage in a 3-phase current source rectifier. , 2007, , .		3
34	Modeling and speed estimation of a faulty 3-phase induction motor by using extended Kalman filter. , 2014, , .		3
35	Bridgeless SEPIC Power Factor Correction with coupled inductors. , 2015, , .		3
36	Vector control of three-phase induction motor under open-phase fault. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
37	Using of EKF for speed sensorless SVM-DTC in induction motor at low speed. , 2013, , .		2
38	Modeling of lithium titanate battery for charger design. , 2014, , .		2
39	Seven Levels Symmetric H-bridge Multilevel Inverter with Less Number of Switching Devices. International Journal of Power Electronics and Drive Systems, 2017, 8, 109.	0.6	2
40	High Performance Speed Control of Single-Phase Induction Motors Using Switching Forward and Backward EKF Strategy. International Journal of Power Electronics and Drive Systems, 2016, 7, 17.	0.6	2
41	High Performance Vector Control of 3-Phase IM Drives under Open-Phase Fault Based on EKF for Rotor Flux Estimation. International Journal of Electrical and Computer Engineering, 2016, 6, 458.	0.7	2
42	Analytical approach to obtain the harmonics spectra on a five level inverter with subjected to a new modulation scheme. , 0, , .		1
43	Simulation of power electronic converters with sliding mode control using PSpice. , 2008, , .		1
44	Boosting confidence in Malaysian industry to utilise local university expertise through intellectual property. , 2010, , .		1
45	Online battery modeling for state-of-charge estimation using extended Kalman filter with Busse's adaptive rule. , 2015, , .		1
46	State-of-charge estimation for lithium-ion battery using Busse's adaptive unscented Kalman filter. , 2015, , .		1
47	Common Mode Voltage Cancellation in a Buck-Type Active Front-End Rectifier Topology. Journal of Power Electronics, 2012, 12, 276-284.	1.5	1
48	A Novel Method for Rotor Field-Oriented Control of Single-Phase Induction Motor. International Journal of Electrical and Computer Engineering, 2015, 5, 205.	0.7	1
49	Stator Field-Orientation Speed Control for 3-Phase Induction Motor under Open-Phase Fault. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 432.	0.8	1
50	A Novel Technique for Fault-Tolerant Control of Single-Phase Induction Motor. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 783.	0.8	1
51	Experimental evaluation of three phase hybrid buck rectifier. , 2008, , .		0
52	Detail analysis of RC parallel network-based model for high capacity lithium ferro phosphates battery. , 2012, , .		0
53	Lithium ferro phosphate battery state of charge estimation using particle filter. International Journal of Power Electronics and Drive Systems, 2021, 12, 975.	0.6	0
54	A Hybrid Approach to Improve the Robustness Against Unbalanced Voltage Supply and Cancel the Common Mode Voltage for a 3-ph Buck-Type Rectifier. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
55	A Novel Method for IRFOC of Three-Phase Induction Motor under Open-Phase Fault. International Journal of Power Electronics and Drive Systems, 2015, 6, 439.	0.6	0
56	A Novel Method for Vector Control of Faulty Three-Phase IM Drives Based on FOC Method. International Journal of Electrical and Computer Engineering, 2015, 5, 1284.	0.7	0
57	Novel Method of FOC to Speed Control in Three-Phase IM under Normal and Faulty Conditions. International Journal of Power Electronics and Drive Systems, 2015, 6, 831.	0.6	0
58	Switching FOC Method for Vector Control of Single-Phase Induction Motor Drives. International Journal of Electrical and Computer Engineering, 2016, 6, 474.	0.7	0
59	Bridgeless PFC single ended primary inductance converter in continuous current mode. International Journal of Power Electronics and Drive Systems, 2019, 10, 1427.	0.6	0