

Radoslav Cipin

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

63
citations

2258059

3
h-index

2550090

3
g-index

30
all docs

30
docs citations

30
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	Harmonic reduction in induction machine using slot wedges optimization. , 2012, , .		8
2	New infinitesimal method for the analysis and synthesis of AC machines winding. , 2011, , .		5
3	Acceleration method of the IM torque-speed characteristics measurement. , 2011, , .		5
4	Impact of Number of Rotor Slots on Performance of Three-Phase and Single-Phase Induction Machines. , 2018, , .		5
5	Hybrid Tree Harvester Machine with Battery Powered Hydro-Electric Drive. ECS Transactions, 2019, 95, 349-354.	0.5	5
6	Identification of Li-ion Battery Model Parameters. , 2019, , .		5
7	New infinitesimal method for the calculation of self and mutual inductances of arbitrary AC windings. , 2011, , .		3
8	Identification of the induction motor parameters based on the acceleration method. , 2011, , .		3
9	Electromagnetic design of irregular three phase windings. , 2013, , .		3
10	Li-ion accumulators for propulsion system of electric airplane VUT 051 RAY. Journal of Solid State Electrochemistry, 2014, 18, 2307-2313.	2.5	3
11	Application of acceleration method for evaluation of induction motor torque-speed characteristics. , 2017, , .		3
12	Battery Powered Mini-Excavator. ECS Transactions, 2018, 87, 343-347.	0.5	3
13	Algorithm for IM Optimal Flux Determination Respecting Nonlinearities and Thermal Influences. , 2018, , .		3
14	Mathematical tool for RMS value calculation of impulse signals. , 2012, , .		2
15	AC fractional winding design by the new method. , 2012, , .		2
16	Measurement and evaluation of DC motor starting torque. , 2017, , .		2
17	Test stand for obtaining power transistors switching characteristics during aging. , 2017, , .		2
18	Skin effect in rotor bars of induction motor in form of transfer function. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Bifurcation generator. , 2011, , .		0
20	Electromagnetic design of atypical induction motor. , 2014, , .		0
21	Winding reconstruction based on magnetic flux density in air-gap of IM. , 2015, , .		0
22	High-Frequency Model of Battery in Form of Transfer Function. ECS Transactions, 2018, 87, 269-274.	0.5	0
23	Thermal Network for Battery Cell Temperature Modeling. ECS Transactions, 2018, 87, 285-290.	0.5	0
24	DC-Bus Capacitor Sizing in the Back-to-Back Converter. , 2018, , .		0
25	Methods of SOC Estimation of Li-Ion Batteries. ECS Transactions, 2019, 95, 365-370.	0.5	0
26	Dynamic Thermal Model for Cylindrical Battery Cell Temperature Modeling. ECS Transactions, 2019, 95, 371-377.	0.5	0
27	Battery Monitoring System for the Airplane VUT 051 RAY. ECS Transactions, 2012, 40, 261-265.	0.5	0
28	Approximation of Battery Transfer Function Using Neural Network. ECS Transactions, 2020, 99, 351-356.	0.5	0
29	Thermal Model of Small Li-Ion Battery Pack with Case Made of Phase Change Material. ECS Transactions, 2020, 99, 365-371.	0.5	0
30	Estimation of Depth of Discharge of Li-ion Battery Using Neural Network. ECS Transactions, 2021, 105, 541-547.	0.5	0