

Petar R MatiÄ

List of Publications by Year in descending order

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28
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169
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal sizing of photovoltaic-wind-diesel-battery power supply for mobile telephony base stations. Energy, 2022, 242, 122545.	8.8	8
2	Real-Time Sag Estimation of Overhead Power Lines Based on Approximate Magnetic Field Model. , 2022, , .		1
3	A Normalised Gradient Descent PI Controller For Speed Servomechanism. , 2022, , .		1
4	Generalized Approach for Fault Detection in Medium Voltage Distribution Networks Based on Magnetic Field Measurement. IEEE Transactions on Power Delivery, 2020, 35, 1189-1199.	4.3	12
5	Nonregenerative Braking of Permanent Magnet Synchronous Motor. IEEE Transactions on Industrial Electronics, 2020, 67, 8186-8196.	7.9	8
6	A Monte Carlo Simulation Platform for Studying the Behavior of Wind-PV-Diesel-Battery Powered Mobile Telephony Base Stations. , 2020, , .		2
7	Laboratory Setup for Fault Detection on Overhead Power Lines Based on Magnetic Field Measurement. , 2020, , .		2
8	Conic Section Representation of Operational Point Trajectories for IM IFOC Drive Under Constraints. , 2020, , .		0
9	Probabilistic Techno-Economic Assessment of Wind-PV-Diesel-Battery Power Supplies for Mobile Telephony Base Stations. , 2020, , .		0
10	Probabilistic Techno-Economic Optimization in Medium Voltage Distribution Networks with Fault Passage Indicators and Fault Locators. Electronics, 2019, 22, 80.	0.3	0
11	Simple procedure for self-commissioning of IM drive. , 2018, , .		3
12	Performance Assessment of Fault Locators and Fault Passage Indicators in Distribution Networks by the Non-Sequential Monte Carlo Simulation. , 2018, , .		2
13	Minimization of Power Interruption Time in MV Distribution Networks with Fault Locators Based on Optimal Placement of Fault Passage Indicators. , 2018, , .		5
14	Convergence and stability analysis of IM rotor time constant estimators based on MRAS scheme. , 2017, , .		0
15	An Algorithm for transformer hot spot temperature determining. Przegląd Elektrotechniczny, 2017, 1, 143-147.	0.2	1
16	Non â€“ Regenerative IPMSM Drive Braking Scheme Based on q â€“ Axis Current Component Limiting. Ijeec - International Journal of Electrical Engineering and Computing, 2017, 1, .	0.1	1
17	Performance analysis of control schemes for direct torque control of dual three-phase induction machine. , 2016, , .		0
18	Improved Torque Control of High Speed Shaft-Sensorless Induction Motor Drive. Automatika, 2015, 56, 443-453.	2.0	1

#	ARTICLE	IF	CITATIONS
19	Thermal Protection of Vector-Controlled IM Drive Based on DC Current Injection. IEEE Transactions on Industrial Electronics, 2015, 62, 2082-2089.	7.9	32
20	Discrete Rotor Flux and Speed Estimators for High-Speed Shaft-Sensorless IM Drives. IEEE Transactions on Industrial Electronics, 2014, 61, 3099-3108.	7.9	66
21	Towards an improved energy efficiency of the interior permanent magnet synchronous motor drives. Serbian Journal of Electrical Engineering, 2014, 11, 257-268.	0.4	1
22	Stator Voltage Vector Direct Torque Control of induction machine. , 2012, , .		1
23	Space vector representation of induction motor model in field weakening regime. Serbian Journal of Electrical Engineering, 2012, 9, 53-61.	0.4	2
24	Voltage angle direct torque control of induction machine in field-weakening regime. IET Electric Power Applications, 2011, 5, 404.	1.8	10
25	Speed Regulated Continuous DTC Induction Motor Drive in Field Weakening. Advances in Electrical and Computer Engineering, 2011, 11, 97-102.	0.9	5
26	Induction motor torque control in field weakening regime by voltage angle control. , 2010, , .		1
27	A Direct Torque Controlled induction motor drive based on control of tangential and radial component of stator flux vector. IEEE Applied Power Electronics Conference and Exposition, 2008, , .	0.0	1
28	A novel direct torque and flux control algorithm for the induction motor drive. , 0, , .		8