

Sergey E Ryvkin

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

129
citations

1937685

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31
all docs

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docs citations

31
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Sliding-Mode-Based Control for a Three-Level Inverter Drive. IEEE Transactions on Industrial Electronics, 2008, 55, 3828-3835.	7.9	35
2	Decomposed Sliding Mode Control of the Drive with Interior Permanent Magnet Synchronous Motor and Flexible Coupling. Mathematical Problems in Engineering, 2013, 2013, 1-17.	1.1	9
3	Elimination of the Voltage Oscillation Influence in the 3-Level VSI Drive Using Sliding Mode Control Technique. Automatika, 2010, 51, 138-148.	2.0	8
4	Multiaspect modeling of infrastructure solutions at energy landscape as virtual semantic environment. , 2017, , .		7
5	Digital vector control algorithm for induction motor torque drive. , 0, , .		5
6	Digital sliding mode based references limitation law for sensorless control of an electromechanical system. Journal of Physics: Conference Series, 2005, 23, 192-201.	0.4	5
7	Investigation of the Stratified Model of Virtual Semantic Environment for Modifiable Vehiclesl. , 2018, , .		5
8	Sensorless oil drowned pump drive. , 2005, , .		4
9	Two controls of novel buck-boost converter for solar photovoltaics. , 2012, , .		4
10	DC/DC Converter for Motor Drive"Concept, Design, and Feed-Forward Control. Automatika, 2013, 54, 290-298.	2.0	4
11	Sliding mode control of interior permanent magnet synchronous motors. , 0, , .		3
12	Sliding-mode approach to control design for induction motor drive fed by a three-level voltage-source inverter. , 2008, , .		3
13	Surveillance multiagent system using robot vision based on fuzzy controller. , 2010, , .		3
14	Three-level inverter drive with sliding mode control. , 2008, , .		2
15	Cutting out the voltage oscillation influence on the control quality of a three-level inverter drive by using sliding mode. , 2010, , .		2
16	D-Square converter - functionality, application, control. , 2012, , .		2
17	Control problem of a novel low"voltage DC converter. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2012, 32, 220-232.	0.9	2
18	Control of island mode working induction generator based on state space controller. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	Approaches to control design for micro hydropower plant with induction generator. , 2016, , .		2
20	Energy-saving sliding mode control for pumping system fed by renewable energy. , 2016, , .		2
21	The synchronous control of nodes and the message time delays estimation for a CAN network. , 2010, , .		1
22	Novel Approach to the Microbusinesses Logistical System Design Based on the Information Technology (Nanologistics). IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 14234-14239.	0.4	1
23	Two control strategies for a novel D-square DC/DC converter for green electronics applications. , 2013, , .		1
24	Energy-saving sliding mode control for synchronous drive fed by renewable energy source. , 2015, , .		1
25	Digital sliding mode based sensorless control of an electromechanical system. , 2005, , .		0
26	Manufacturing Shop Floor Agility Using Multi-agent Technology. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1178-1183.	0.4	0
27	Novell photovoltaic DC/DC converter. , 2011, , .		0
28	Feed forward control for novel D-square converter. , 2013, , .		0
29	Control of the uncertain drive system using a sliding mode fuzzy TSK controller. , 2014, , .		0
30	Sliding mode as a tool for elimination of the influence of the renewable energy source on the control quality of a synchronous drive. , 2014, , .		0