Sergey E Ryvkin

List of Publications by Year
in descending order

30 papers	129 citations	1937685 4 h-index	1720034 7 g-index
31 all docs	31 docs citations	31 times ranked	78 citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the Stratified Model of Virtual Semantic Environment for Modifiable Vehicesl. , 2018, , .		5
2	Multiaspect modeling of infrastructure solutions at energy landscape as virtual semantic environment. , 2017, , .		7
3	Approaches to control design for micro hydropower plant with induction generator. , 2016, , .		2
4	Energy-saving sliding mode control for pumping system fed by renewable energy. , 2016, , .		2
5	Energy-saving sliding mode control for synchronous drive fed by renewable energy source. , 2015, , .		1
6	Control of the uncertain drive system using a sliding mode fuzzy TSK controller. , 2014, , .		0
7	Control of island mode working induction generator based on state space controller. , 2014, , .		2
8	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
9	Two control strategies for a novel D-square DC/DC converter for green electronics applications. , 2013, , .		1
10	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
11	Feed forward control for novel D-square converter. , 2013, , .		0
12	DC/DC Converter for Motor Drive—Concept, Design, and Feed-Forward Control. Automatika, 2013, 54, 290-298.	2.0	4
13	D-Square converter - functionality, application, control. , 2012, , .		2
14	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
15	Two controls of novel buck-boost converter for solar photovoltaics. , 2012, , .		4
16	Novell photovoltaic DC/DC converter. , 2011, , .		0
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Cutting out the voltage oscillation influence on the control quality of a three-level inverter drive by using sliding mode. , 2010, , .		2
20	The synchronous control of nodes and the message time delays estimation for a CAN network. , 2010, , .		1
21	Surveillance multiagent system using robot vision based on fuzzy controller. , 2010, , .		3
22	Manufacturing Shop Floor Agility Using Multi-agent Technology. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1178-1183.	0.4	0
23	Sliding-Mode-Based Control for a Three-Level Inverter Drive. IEEE Transactions on Industrial Electronics, 2008, 55, 3828-3835.	7.9	35
24	Three-level inverter drive with sliding mode control. , 2008, , .		2
25	Sliding-mode approach to control design for induction motor drive fed by a three-level voltage-source inverter. , 2008, , .		3
26	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
27	Sensorless oil drowned pump drive. , 2005, , .		4
28	Digital sliding mode based sensorless control of an electromechanical system. , 2005, , .		0
29	Sliding mode control of interior permanent magnet synchronous motors. , 0, , .		3
30	Digital vector control algorithm for induction motor torque drive. , 0, , .		5