Vladimir E Zyubin

List of Publications by Year
in descending order

23	199	1684188	1474206
papers	citations	5	9
		h-index	g-index

23	23	23	104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Femtosecond point-by-point inscription of Bragg gratings by drawing a coated fiber through ferrule. Optics Express, 2016, 24, 16232.	3.4	89
2	Hyper-automaton: a Model of Control Algorithms. , 2007, , .		17
3	Towards Safe Cyber-Physical Systems: the Reflex Language and Its Transformational Semantics. , 2019, , .		14
4	poST: A Process-Oriented Extension of the IEC 61131-3 Structured Text Language. IEEE Access, 2022, 10, 35238-35250.	4.2	13
5	Two-Step Deductive Verification of Control Software Using Reflex. Lecture Notes in Computer Science, 2019, , 50-63.	1.3	10
6	Process-oriented programming language for MCU-based automation. , 2013, , .		9
7	Automatic Verification of Control Software in Cyber-Physical Systems with Plant Simulators. Optoelectronics, Instrumentation and Data Processing, 2019, 55, 189-197.	0.6	8
8	The reflex language usage to automate the large solar vacuum telescope. , 2016, , .		7
9	Event-Driven Temporal Logic Pattern for Control Software Requirements Specification. Lecture Notes in Computer Science, 2021, , 92-107.	1.3	6
10	The Post Language: Process-Oriented Extension for IEC 61131-3 Structured Text. , 2020, , .		5
11	An Ontology-Based Approach to Support Formal Verification of Concurrent Systems. Lecture Notes in Computer Science, 2020, , 114-130.	1.3	5
12	A Temporal Logic for Programmable Logic Controllers. Automatic Control and Computer Sciences, 2021, 55, 763-775.	0.8	4
13	Information complexity hypothesis: a conceptual framework for reasoning on pragmatics issues. , 2008, , .		3
14	Dedicative Verification of Reflex Programs. Programming and Computer Software, 2020, 46, 261-272.	0.9	3
15	Developing Reflex IDE Kernel with Xtext Framework. , 2021, , .		2
16	Towards Safe Embedded Systems: IndustrialC Translational Semantics for AVR Microcontrollers. , 2019, , .		1
17	PoST2ST: a Web Service for Translating poST Programs to the IEC 61131-3 Structured Text. , 2021, , .		1
18	Using Process-Oriented Structured Text for IEC 61499 Function Block Specification. Communications in Computer and Information Science, 2021, , 217-227.	0.5	1

#	Article	IF	Citations
19	Software Psychology of Control Software Design and Development. , 2021, , .		1
20	Generating Process Diagrams for Control Software in the Reflex Language. , 2020, , .		0
21	Methods for Domain Specification of Verification-Oriented Process Ontology. Modelirovanie I Analiz Informacionnyh Sistem, 2019, 26, 534-549.	0.3	0
22	Methods for Domain Specialization of Verification-Oriented Process Ontologies. Automatic Control and Computer Sciences, 2020, 54, 740-751.	0.8	0
23	Temporal Logic for Programmable Logic Controllers. Modelirovanie I Analiz Informacionnyh Sistem, 2020, 27, 412-427.	0.3	0