

# Vladimir E Zyubin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6318601/publications.pdf>

Version: 2024-02-01

23  
papers

199  
citations

1684188

5  
h-index

1474206

9  
g-index

23  
all docs

23  
docs citations

23  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	poST: A Process-Oriented Extension of the IEC 61131-3 Structured Text Language. IEEE Access, 2022, 10, 35238-35250.	4.2	13
2	PoST2ST: a Web Service for Translating poST Programs to the IEC 61131-3 Structured Text. , 2021, , .		1
3	Developing Reflex IDE Kernel with Xtext Framework. , 2021, , .		2
4	Using Process-Oriented Structured Text for IEC 61499 Function Block Specification. Communications in Computer and Information Science, 2021, , 217-227.	0.5	1
5	Event-Driven Temporal Logic Pattern for Control Software Requirements Specification. Lecture Notes in Computer Science, 2021, , 92-107.	1.3	6
6	Software Psychology of Control Software Design and Development. , 2021, , .		1
7	A Temporal Logic for Programmable Logic Controllers. Automatic Control and Computer Sciences, 2021, 55, 763-775.	0.8	4
8	Dedicative Verification of Reflex Programs. Programming and Computer Software, 2020, 46, 261-272.	0.9	3
9	The Post Language: Process-Oriented Extension for IEC 61131-3 Structured Text. , 2020, , .		5
10	Generating Process Diagrams for Control Software in the Reflex Language. , 2020, , .		0
11	Methods for Domain Specialization of Verification-Oriented Process Ontologies. Automatic Control and Computer Sciences, 2020, 54, 740-751.	0.8	0
12	Temporal Logic for Programmable Logic Controllers. Modelirovanie I Analiz Informacionnyh Sistem, 2020, 27, 412-427.	0.3	0
13	An Ontology-Based Approach to Support Formal Verification of Concurrent Systems. Lecture Notes in Computer Science, 2020, , 114-130.	1.3	5
14	Towards Safe Cyber-Physical Systems: the Reflex Language and Its Transformational Semantics. , 2019, , .		14
15	Automatic Verification of Control Software in Cyber-Physical Systems with Plant Simulators. Optoelectronics, Instrumentation and Data Processing, 2019, 55, 189-197.	0.6	8
16	Towards Safe Embedded Systems: IndustrialC Translational Semantics for AVR Microcontrollers. , 2019, , .		1
17	Two-Step Deductive Verification of Control Software Using Reflex. Lecture Notes in Computer Science, 2019, , 50-63.	1.3	10
18	Methods for Domain Specification of Verification-Oriented Process Ontology. Modelirovanie I Analiz Informacionnyh Sistem, 2019, 26, 534-549.	0.3	0

#	ARTICLE	IF	CITATIONS
19	The reflex language usage to automate the large solar vacuum telescope. , 2016, , .		7
20	Femtosecond point-by-point inscription of Bragg gratings by drawing a coated fiber through ferrule. Optics Express, 2016, 24, 16232.	3.4	89
21	Process-oriented programming language for MCU-based automation. , 2013, , .		9
22	Information complexity hypothesis: a conceptual framework for reasoning on pragmatics issues. , 2008, , .		3
23	Hyper-automaton: a Model of Control Algorithms. , 2007, , .		17