

Irina A Lomazova

List of Publications by Year in descending order

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41
papers

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docs citations

44
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Property-Preserving Transformations of Elementary Net Systems Based on Morphisms. Lecture Notes in Computer Science, 2022, , 1-23.	1.3	1
2	Pre-processing Network Messages of Trading Systems into Event Logs for Process Mining. Communications in Computer and Information Science, 2021, , 88-100.	0.5	3
3	A Petri net extension for systems of concurrent communicating agents with durable actions. Journal of Parallel and Distributed Computing, 2021, 155, 14-23.	4.1	1
4	What Has Remained Unchanged in Your Business Process Model?. , 2019, , .		2
5	Detection of Anomalies in the Criminal Proceedings Based on the Analysis of Event Logs. Lecture Notes in Computer Science, 2019, , 401-410.	1.3	0
6	Compositional Process Model Synthesis Based on Interface Patterns. Communications in Computer and Information Science, 2018, , 151-162.	0.5	0
7	Process mining using BPMN: relating event logs and process models. Software and Systems Modeling, 2017, 16, 1019-1048.	2.7	57
8	Controlling boundedness for live Petri nets. , 2017, , .		0
9	Resource Equivalences in Petri Nets. Lecture Notes in Computer Science, 2017, , 19-34.	1.3	3
10	Transition Systems Reduction: Balancing Between Precision and Simplicity. Lecture Notes in Computer Science, 2017, , 119-139.	1.3	2
11	Using Event Logs for Local Correction of Process Models. Modelirovanie I Analiz Informacionnyh Sistem, 2017, 24, 459-480.	0.3	1
12	Controlling Petri Net Behavior using Priorities for Transitions. Fundamenta Informaticae, 2016, 143, 101-112.	0.4	10
13	Process mining using BPMN. , 2016, , .		8
14	Automatic construction of systems of distributed components from nested Petri nets models. Programming and Computer Software, 2016, 42, 292-306.	0.9	2
15	Structural Place Invariants for Analyzing the Behavioral Properties of Nested Petri Nets. Lecture Notes in Computer Science, 2016, , 325-344.	1.3	5
16	DOES YOUR EVENT LOG FIT THE HIGH-LEVEL PROCESS MODEL?. Modelirovanie I Analiz Informacionnyh Sistem, 2015, 22, 392.	0.3	2
17	Discovery of Cancellation Regions within Process Mining Techniques. Fundamenta Informaticae, 2014, 133, 197-209.	0.4	7
18	Process mining can be applied to software tool!. , 2014, , .		53

#	ARTICLE	IF	CITATIONS
19	Agile development with software process mining. , 2014, , .		37
20	Process Model Discovery: A Method Based on Transition System Decomposition. Lecture Notes in Computer Science, 2014, , 71-90.	1.3	11
21	Decidability of k -Soundness for Workflow Nets with an Unbounded Resource. Lecture Notes in Computer Science, 2014, , 1-18.	1.3	3
22	Checking Conformance of High-Level Business Process Models to Event Logs. , 2014, , .		2
23	CPN tools-assisted simulation and verification of nested Petri nets. Automatic Control and Computer Sciences, 2013, 47, 393-402.	0.8	10
24	Analyzing Compatibility of Services via Resource Conformance. Fundamenta Informaticae, 2013, 128, 129-141.	0.4	6
25	Timed Resource Driven Automata Nets for Distributed Real-Time Systems Modelling. Lecture Notes in Computer Science, 2013, , 13-25.	1.3	2
26	Cellular Resource-Driven Automata. Fundamenta Informaticae, 2012, 120, 243-257.	0.4	3
27	On Compositionality of Boundedness and Liveness for Nested Petri Nets. Fundamenta Informaticae, 2012, 120, 275-293.	0.4	8
28	Resource Driven Automata Nets. Fundamenta Informaticae, 2011, 109, 223-236.	0.4	5
29	Modelling multiagent systems with the help of generalized nets of active resources. Cybernetics and Systems Analysis, 2011, 47, 202-209.	0.7	3
30	Interacting Workflow Nets for Workflow Process Re-Engineering. Fundamenta Informaticae, 2010, 101, 59-70.	0.4	7
31	Nested Petri Nets for Adaptive Process Modeling. , 2008, , 460-474.		26
32	Similarity of Generalized Resources in Petri Nets. Lecture Notes in Computer Science, 2005, , 27-41.	1.3	3
33	Resource Similarities in Petri Net Models of Distributed Systems. Lecture Notes in Computer Science, 2003, , 35-48.	1.3	6
34	Interacting Automata for Modelling Distributed Systems. Lecture Notes in Computer Science, 2003, , 851-860.	1.3	0
35	A Systematic Approach towards Object-Based Petri Net Formalisms. Lecture Notes in Computer Science, 2001, , 255-267.	1.3	4
36	Recursive Nested Petri Nets: Analysis of Semantic Properties and Expressibility. Programming and Computer Software, 2001, 27, 183-193.	0.9	5

#	ARTICLE	IF	CITATIONS
37	Nested Petri Nets – a Formalism for Specification and Verification of Multi-Agent Distributed Systems. <i>Fundamenta Informaticae</i> , 2000, 43, 195-214.	0.4	59
38	On proving large distributed systems: Petri net modules verification. <i>Lecture Notes in Computer Science</i> , 1997, , 70-75.	1.3	5
39	On occurrence net semantics for petri nets with contacts. <i>Lecture Notes in Computer Science</i> , 1997, , 317-328.	1.3	3
40	Branching Processes of Conservative Nested Petri Nets. , 0, , .		0
41	Discovering architecture-aware and sound process models of multi-agent systems: a compositional approach. <i>Software and Systems Modeling</i> , 0, , 1.	2.7	2