

# Irina A Lomazova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6902904/publications.pdf>

Version: 2024-02-01

41  
papers

437  
citations

1307594

7  
h-index

940533

16  
g-index

44  
all docs

44  
docs citations

44  
times ranked

229  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Process mining using BPMN: relating event logs and process models. <i>Software and Systems Modeling</i> , 2017, 16, 1019-1048.	2.7	57
3	Process mining can be applied to software too!. , 2014, , .		53
4	Agile development with software process mining. , 2014, , .		37
5	Nested Petri Nets for Adaptive Process Modeling. , 2008, , 460-474.		26
6	Process Model Discovery: A Method Based on Transition System Decomposition. <i>Lecture Notes in Computer Science</i> , 2014, , 71-90.	1.3	11
7	CPN tools-assisted simulation and verification of nested Petri nets. <i>Automatic Control and Computer Sciences</i> , 2013, 47, 393-402.	0.8	10
8	Controlling Petri Net Behavior using Priorities for Transitions. <i>Fundamenta Informaticae</i> , 2016, 143, 101-112.	0.4	10
9	On Compositionality of Boundedness and Liveness for Nested Petri Nets. <i>Fundamenta Informaticae</i> , 2012, 120, 275-293.	0.4	8
10	Process mining using BPMN. , 2016, , .		8
11	Interacting Workflow Nets for Workflow Process Re-Engineering. <i>Fundamenta Informaticae</i> , 2010, 101, 59-70.	0.4	7
12	Discovery of Cancellation Regions within Process Mining Techniques. <i>Fundamenta Informaticae</i> , 2014, 133, 197-209.	0.4	7
13	Analyzing Compatibility of Services via Resource Conformance. <i>Fundamenta Informaticae</i> , 2013, 128, 129-141.	0.4	6
14	Resource Similarities in Petri Net Models of Distributed Systems. <i>Lecture Notes in Computer Science</i> , 2003, , 35-48.	1.3	6
15	Recursive Nested Petri Nets: Analysis of Semantic Properties and Expressibility. <i>Programming and Computer Software</i> , 2001, 27, 183-193.	0.9	5
16	Resource Driven Automata Nets. <i>Fundamenta Informaticae</i> , 2011, 109, 223-236.	0.4	5
17	On proving large distributed systems: Petri net modules verification. <i>Lecture Notes in Computer Science</i> , 1997, , 70-75.	1.3	5
18	Structural Place Invariants for Analyzing the Behavioral Properties of Nested Petri Nets. <i>Lecture Notes in Computer Science</i> , 2016, , 325-344.	1.3	5

#	ARTICLE	IF	CITATIONS
19	A Systematic Approach towards Object-Based Petri Net Formalisms. Lecture Notes in Computer Science, 2001, , 255-267.	1.3	4
20	Modelling multiagent systems with the help of generalized nets of active resources. Cybernetics and Systems Analysis, 2011, 47, 202-209.	0.7	3
21	Cellular Resource-Driven Automata. Fundamenta Informaticae, 2012, 120, 243-257.	0.4	3
22	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
23	Similarity of Generalized Resources in Petri Nets. Lecture Notes in Computer Science, 2005, , 27-41.	1.3	3
24	Resource Equivalences in Petri Nets. Lecture Notes in Computer Science, 2017, , 19-34.	1.3	3
25	On occurrence net semantics for petri nets with contacts. Lecture Notes in Computer Science, 1997, , 317-328.	1.3	3
26	Decidability of $k$ -Soundness for Workflow Nets with an Unbounded Resource. Lecture Notes in Computer Science, 2014, , 1-18.	1.3	3
27	Automatic construction of systems of distributed components from nested Petri nets models. Programming and Computer Software, 2016, 42, 292-306.	0.9	2
28	What Has Remained Unchanged in Your Business Process Model?. , 2019, , .		2
29	Timed Resource Driven Automata Nets for Distributed Real-Time Systems Modelling. Lecture Notes in Computer Science, 2013, , 13-25.	1.3	2
30	Transition Systems Reduction: Balancing Between Precision and Simplicity. Lecture Notes in Computer Science, 2017, , 119-139.	1.3	2
31	DOES YOUR EVENT LOG FIT THE HIGH-LEVEL PROCESS MODEL?. Modelirovanie I Analiz Informacionnyh Sistem, 2015, 22, 392.	0.3	2
32	Checking Conformance of High-Level Business Process Models to Event Logs. , 2014, , .		2
33	Discovering architecture-aware and sound process models of multi-agent systems: a compositional approach. Software and Systems Modeling, 0, , 1.	2.7	2
34	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
35	Using Event Logs for Local Correction of Process Models. Modelirovanie I Analiz Informacionnyh Sistem, 2017, 24, 459-480.	0.3	1
36	Property-Preserving Transformations of Elementary Net Systems Based on Morphisms. Lecture Notes in Computer Science, 2022, , 1-23.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Controlling boundedness for live Petri nets. , 2017, , .		0
38	Interacting Automata for Modelling Distributed Systems. Lecture Notes in Computer Science, 2003, , 851-860.	1.3	0
39	Compositional Process Model Synthesis Based on Interface Patterns. Communications in Computer and Information Science, 2018, , 151-162.	0.5	0
40	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
41	Branching Processes of Conservative Nested Petri Nets. , 0, , .		0