

# Antti Pakonen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5651654/publications.pdf>

Version: 2024-02-01

23  
papers

132  
citations

1937685

4  
h-index

2053705

5  
g-index

23  
all docs

23  
docs citations

23  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model checking reveals design issues leading to spurious actuation of nuclear instrumentation and control systems. Reliability Engineering and System Safety, 2021, 205, 107237.	8.9	15
2	Oeritte: User-Friendly Counterexample Explanation for Model Checking. IEEE Access, 2021, 9, 61383-61397.	4.2	9
3	Model-checking infinite-state nuclear safety I&C systems with nuXmv. , 2021, , .		1
4	Ontology-based approach for analyzing nuclear overall I&C architectures. , 2021, , .		2
5	Change-based causes in counterexample explanation for model checking. , 2021, , .		1
6	Symmetry Breaking in Model Checking of Fault-Tolerant Nuclear Instrumentation and Control Systems. IEEE Access, 2020, 8, 197684-197694.	4.2	5
7	Applicability of AADL in modelling the overall I&C architecture of a nuclear power plant. , 2020, , .		2
8	Visual counterexample explanation for model checking with OERITTE. , 2020, , .		1
9	Transformation of non-standard nuclear I&C logic drawings to formal verification models. , 2020, , .		0
10	Verification of fault tolerant safety I&C systems using model checking. , 2019, , .		2
11	Model-Checking Detailed Fault-Tolerant Nuclear Power Plant Safety Functions. IEEE Access, 2019, 7, 162139-162156.	4.2	11
12	Counterexample visualization and explanation for function block diagrams. , 2018, , .		12
13	Synthesis-Aided Reliability Assurance of Basic Block Models for Model Checking Purposes. , 2018, , .		1
14	Scalable methods of discrete plant model generation for closed-loop model checking. , 2017, , .		0
15	Explicit-state and symbolic model checking of nuclear I&C systems: A comparison. , 2017, , .		7
16	A study on user-friendly formal specification languages for requirements formalization. , 2016, , .		6
17	User-friendly formal specification languages - conclusions drawn from industrial experience on model checking. , 2016, , .		17
18	A toolset for model checking of PLC software. , 2013, , .		20

#	ARTICLE	IF	CITATIONS
19	A fuzzy ontology based approach for mobilising industrial plant knowledge. , 2010, , .		3
20	OWL based information agent services for process monitoring. , 2007, , .		10
21	Information Agents Handling Semantic Data as an Extension to Process Monitoring Systems. Lecture Notes in Computer Science, 2007, , 411-420.	1.3	1
22	Proactive Computing in Process Monitoring: Information Agents for Operator Support. , 2006, , .		4
23	Indirect Process Monitoring with Constraint Handling Agents. , 2006, , .		2