

Pietro Ferrara

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4635567/pietro-ferrara-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

294
citations

10
h-index

14
g-index

55
ext. papers

358
ext. citations

0.9
avg, IF

3.82
L-index

#	Paper	IF	Citations
52	Relational String Abstract Domains. <i>Lecture Notes in Computer Science</i> , 2022 , 20-42	0.9	1
51	Certifying machine learning models against evasion attacks by program analysis. <i>Journal of Computer Security</i> , 2022 , 1-28	0.8	
50	Intents Analysis of Android Apps for Confidentiality Leakage Detection. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 43-65	0.4	1
49	Static analysis for dummies: experiencing LiSA 2021 ,		1
48	Static analysis for discovering IoT vulnerabilities. <i>International Journal on Software Tools for Technology Transfer</i> , 2021 , 23, 71-88	1.3	11
47	Static Privacy Analysis by Flow Reconstruction of Tainted Data. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2021 , 31, 973-1016	1	
46	Twinning Automata and Regular Expressions for String Static Analysis. <i>Lecture Notes in Computer Science</i> , 2021 , 267-290	0.9	2
45	From CIL to Java bytecode: Semantics-based translation for static analysis leveraging. <i>Science of Computer Programming</i> , 2020 , 191, 102392	1.1	2
44	Cross-program taint analysis for IoT systems 2020 ,		2
43	Certifying Decision Trees Against Evasion Attacks by Program Analysis. <i>Lecture Notes in Computer Science</i> , 2020 , 421-438	0.9	1
42	SARL: OO Framework Specification for Static Analysis. <i>Lecture Notes in Computer Science</i> , 2020 , 3-20	0.9	
41	(mathsf {BackFlow}): Backward Context-Sensitive Flow Reconstruction of Taint Analysis Results. <i>Lecture Notes in Computer Science</i> , 2020 , 23-43	0.9	3
40	Static analysis of Android Auto infotainment and on-board diagnostics II apps. <i>Software - Practice and Experience</i> , 2019 , 49, 1131	2.5	8
39	Static Identification of Injection Attacks in Java. <i>ACM Transactions on Programming Languages and Systems</i> , 2019 , 41, 1-58	1.6	8
38	Combining Symbolic and Numerical Domains for Information Leakage Analysis. <i>Lecture Notes in Computer Science</i> , 2018 , 98-135	0.9	2
37	Tailoring Taint Analysis to GDPR. <i>Lecture Notes in Computer Science</i> , 2018 , 63-76	0.9	6
36	Static Analysis of Android Apps Interaction with Automotive CAN. <i>Lecture Notes in Computer Science</i> , 2018 , 114-123	0.9	2

35	SDLI: Static Detection of Leaks Across Intent 2018 ,		2
34	Vulnerability analysis of Android auto infotainment apps 2018 ,		8
33	CIL to Java-bytecode translation for static analysis leveraging 2018 ,		1
32	Visual Configuration of Mobile Privacy Policies. <i>Lecture Notes in Computer Science</i> , 2017 , 338-355	0.9	1
31	Using Abstract Interpretation to Correct Synchronization Faults. <i>Lecture Notes in Computer Science</i> , 2017 , 187-208	0.9	
30	FASE 2016 ,		1
29	A generic framework for heap and value analyses of object-oriented programming languages. <i>Theoretical Computer Science</i> , 2016 , 631, 43-72	1.1	2
28	Pinpointing mobile malware using code analysis 2016 ,		1
27	DAPA: Degradation-Aware Privacy Analysis of Android Apps. <i>Lecture Notes in Computer Science</i> , 2016 , 32-46	0.9	4
26	The abstract domain of Trapezoid Step Functions. <i>Computer Languages, Systems and Structures</i> , 2015 , 43, 41-68		2
25	Privacy Analysis of Android Apps: Implicit Flows and Quantitative Analysis. <i>Lecture Notes in Computer Science</i> , 2015 , 3-23	0.9	6
24	Automatic detection, correction, and visualization of security vulnerabilities in mobile apps 2015 ,		3
23	A suite of abstract domains for static analysis of string values. <i>Software - Practice and Experience</i> , 2015 , 45, 245-287	2.5	28
22	MorphDroid 2015 ,		10
21	Automatic Inference of Heap Properties Exploiting Value Domains. <i>Lecture Notes in Computer Science</i> , 2015 , 393-411	0.9	3
20	Datacentric Semantics for Verification of Privacy Policy Compliance by Mobile Applications. <i>Lecture Notes in Computer Science</i> , 2015 , 61-79	0.9	13
19	ShamDroid: gracefully degrading functionality in the presence of limited resource access 2015 ,		1
18	Hybrid security analysis of web JavaScript code via dynamic partial evaluation 2014 ,		22

17	Static analysis for independent app developers 2014 ,		5
16	Static analysis for independent app developers. <i>ACM SIGPLAN Notices</i> , 2014 , 49, 847-860	0.2	0
15	Generic Combination of Heap and Value Analyses in Abstract Interpretation. <i>Lecture Notes in Computer Science</i> , 2014 , 302-321	0.9	11
14	TouchCost: Cost Analysis of TouchDevelop Scripts. <i>Lecture Notes in Computer Science</i> , 2014 , 109-124	0.9	
13	Static analysis techniques for robotics software verification 2013 ,		6
12	The Domain of Parametric Hypercubes for Static Analysis of Computer Games Software. <i>Lecture Notes in Computer Science</i> , 2013 , 447-463	0.9	
11	SAILS 2012 ,		23
10	Automatic Inference of Access Permissions. <i>Lecture Notes in Computer Science</i> , 2012 , 202-218	0.9	10
9	TVAl+ : TVLA and Value Analyses Together. <i>Lecture Notes in Computer Science</i> , 2012 , 63-77	0.9	10
8	Linear Approximation of Continuous Systems with Trapezoid Step Functions. <i>Lecture Notes in Computer Science</i> , 2012 , 98-114	0.9	4
7	Static Analysis of String Values. <i>Lecture Notes in Computer Science</i> , 2011 , 505-521	0.9	18
6	Static Type Analysis of Pattern Matching by Abstract Interpretation. <i>Lecture Notes in Computer Science</i> , 2010 , 186-200	0.9	8
5	Checkmate: A Generic Static Analyzer of Java Multithreaded Programs 2009 ,		4
4	Static Analysis of the Determinism of Multithreaded Programs 2008 ,		3
3	Safer unsafe code for .NET 2008 ,		12
2	Static Analysis Via Abstract Interpretation of the Happens-Before Memory Model 2008 , 116-133		7
1	A Survey on Product Operators in Abstract Interpretation. <i>Electronic Proceedings in Theoretical Computer Science</i> , <i>EPTCS</i> ,129, 325-336		14