

Chiara Bodei

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

460
citations

933447

10
h-index

794594

19
g-index

56
all docs

56
docs citations

56
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Static validation of security protocols. <i>Journal of Computer Security</i> , 2005, 13, 347-390.	0.8	96
2	Static Analysis for the λ -Calculus with Applications to Security. <i>Information and Computation</i> , 2001, 168, 68-92.	0.7	69
3	Safe Ambients: Control Flow Analysis and Security. <i>Lecture Notes in Computer Science</i> , 2000, , 199-214.	1.3	33
4	Measuring security in IoT communications. <i>Theoretical Computer Science</i> , 2019, 764, 100-124.	0.9	22
5	Primitives for authentication in process algebras. <i>Theoretical Computer Science</i> , 2002, 283, 271-304.	0.9	18
6	Causal static analysis for Brane Calculi. <i>Theoretical Computer Science</i> , 2015, 587, 73-103.	0.9	14
7	A Control Flow Analysis for Beta-binders with and without static compartments. <i>Theoretical Computer Science</i> , 2009, 410, 3110-3127.	0.9	13
8	Names of the λ -calculus agents handled locally. <i>Theoretical Computer Science</i> , 2001, 253, 155-184.	0.9	12
9	An Analysis for Causal Properties of Membrane Interactions. <i>Electronic Notes in Theoretical Computer Science</i> , 2013, 299, 15-31.	0.9	11
10	Language-Independent Synthesis of Firewall Policies. , 2018, , .		11
11	Detecting and preventing type flaws at static time*. <i>Journal of Computer Security</i> , 2010, 18, 229-264.	0.8	10
12	Context-aware security: Linguistic mechanisms and static analysis. <i>Journal of Computer Security</i> , 2016, 24, 427-477.	0.8	10
13	A formal approach to open multiparty interactions. <i>Theoretical Computer Science</i> , 2019, 763, 38-65.	0.9	10
14	Where Do Your IoT Ingredients Come From?. <i>Lecture Notes in Computer Science</i> , 2016, , 35-50.	1.3	10
15	On deducing causality in metabolic networks. <i>BMC Bioinformatics</i> , 2008, 9, S8.	2.6	8
16	Linguistic Mechanisms for Context-Aware Security. <i>Lecture Notes in Computer Science</i> , 2014, , 61-79.	1.3	7
17	A Formal Analysis for Capturing Replay Attacks in Cryptographic Protocols. , 2007, , 150-165.		7
18	Techniques for Security Checking. <i>Electronic Notes in Theoretical Computer Science</i> , 2002, 62, 211-228.	0.9	6

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19	Performance Evaluation of Security Protocols Specified in LySa. <i>Electronic Notes in Theoretical Computer Science</i> , 2005, 112, 167-189.	0.9	6
20	A Quantitative Study of Two Attacks. <i>Electronic Notes in Theoretical Computer Science</i> , 2005, 121, 65-85.	0.9	6
21	Detecting and Preventing Type flaws: a Control Flow Analysis with Tags. <i>Electronic Notes in Theoretical Computer Science</i> , 2007, 194, 3-22.	0.9	6
22	Static Detection of Logic Flaws in Service-Oriented Applications. <i>Lecture Notes in Computer Science</i> , 2009, , 70-87.	1.3	6
23	A Step Towards Checking Security in IoT. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 223, 128-142.	0.8	6
24	Open Multiparty Interaction. <i>Lecture Notes in Computer Science</i> , 2013, , 1-23.	1.3	5
25	On the impact of discreteness and abstractions on modelling noise in gene regulatory networks. <i>Computational Biology and Chemistry</i> , 2015, 56, 98-108.	2.3	4
26	Checking global usage of resources handled with local policies. <i>Science of Computer Programming</i> , 2017, 133, 20-50.	1.9	4
27	The link-calculus for open multiparty interactions. <i>Information and Computation</i> , 2020, 275, 104587.	0.7	4
28	Modelling and analysing IoT systems. <i>Journal of Parallel and Distributed Computing</i> , 2021, 157, 233-242.	4.1	3
29	Mobile processes with a distributed environment. <i>Lecture Notes in Computer Science</i> , 1996, , 490-501.	1.3	3
30	Security Metrics at Work on the Things in IoT Systems. <i>Lecture Notes in Computer Science</i> , 2020, , 233-255.	1.3	3
31	A Flat Process Calculus for Nested Membrane Interactions. <i>Scientific Annals of Computer Science</i> , 2014, 24, 91-136.	0.1	3
32	Static Evidences for Attack Reconstruction. <i>Lecture Notes in Computer Science</i> , 2015, , 162-182.	1.3	3
33	Tracking Data Trajectories in IoT. , 2019, , .		3
34	True concurrency via abstract interpretation. <i>Lecture Notes in Computer Science</i> , 1997, , 202-216.	1.3	2
35	Authentication primitives for secure protocol specifications. <i>Future Generation Computer Systems</i> , 2005, 21, 645-653.	7.5	2
36	Checking security policies through an enhanced Control Flow Analysis. <i>Journal of Computer Security</i> , 2005, 13, 49-85.	0.8	2

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37	A Static Analysis for Beta-Binders. <i>Electronic Notes in Theoretical Computer Science</i> , 2008, 194, 69-85.	0.9	2
38	A Global Occurrence Counting Analysis for Brane Calculi. <i>Lecture Notes in Computer Science</i> , 2015, , 179-200.	1.3	2
39	Static Analysis Techniques for Session-Oriented Calculi. <i>Lecture Notes in Computer Science</i> , 2011, , 214-231.	1.3	2
40	Revealing the Trajectories of KLAIM Tuples, Statically. <i>Lecture Notes in Computer Science</i> , 2019, , 437-454.	1.3	2
41	Control Flow Analysis of Generalised Boolean Networks. <i>Electronic Notes in Theoretical Computer Science</i> , 2012, 284, 3-22.	0.9	1
42	Experimenting with a Context-Aware Language. <i>Lecture Notes in Computer Science</i> , 2017, , 3-17.	1.3	1
43	From Natural Projection to Partial Model Checking and Back. <i>Lecture Notes in Computer Science</i> , 2018, , 344-361.	1.3	1
44	Choreography Rehearsal. <i>Lecture Notes in Computer Science</i> , 2010, , 29-45.	1.3	1
45	Predicting global usages of resources endowed with local policies. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 58, 49-64.	0.8	1
46	Last Mileâ€™s Resources. <i>Lecture Notes in Computer Science</i> , 2016, , 33-53.	1.3	1
47	Analysing the Provenance of IoT Data. <i>Communications in Computer and Information Science</i> , 2020, , 358-381.	0.5	1
48	Control Flow Analysis for Brane Calculi. <i>Electronic Notes in Theoretical Computer Science</i> , 2009, 227, 59-75.	0.9	0
49	Programming in a context-aware language. <i>Journal of Supercomputing</i> , 2019, 75, 7750-7764.	3.6	0
50	Natural Projection as Partial Model Checking. <i>Journal of Automated Reasoning</i> , 2020, 64, 1445-1481.	1.4	0
51	Authentication Primitives for Protocol Specifications. <i>Lecture Notes in Computer Science</i> , 2003, , 49-65.	1.3	0
52	On Evaluating the Performance of Security Protocols. <i>Lecture Notes in Computer Science</i> , 2005, , 1-15.	1.3	0
53	A Taxonomy of Causality-Based Biological Properties. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 19, 116-133.	0.8	0
54	Constructing Specific SOS Semantics for Concurrency via Abstract Interpretation. <i>Lecture Notes in Computer Science</i> , 1998, , 168-183.	1.3	0

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55	Pierpaolo Degano. Lecture Notes in Computer Science, 2015, , 1-6.	1.3	0