Chiara Bodei

List of Publications by Year
in descending order

55	460	933447 10	794594 19
papers	citations	h-index	g-index

56	56	56	175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modelling and analysing IoT systems. Journal of Parallel and Distributed Computing, 2021, 157, 233-242.	4.1	3
2	The link-calculus for open multiparty interactions. Information and Computation, 2020, 275, 104587.	0.7	4
3	Natural Projection as Partial Model Checking. Journal of Automated Reasoning, 2020, 64, 1445-1481.	1.4	0
4	Security Metrics at Work on the Things in IoT Systems. Lecture Notes in Computer Science, 2020, , 233-255.	1.3	3
5	Analysing the Provenance of IoT Data. Communications in Computer and Information Science, 2020, , 358-381.	0.5	1
6	A formal approach to open multiparty interactions. Theoretical Computer Science, 2019, 763, 38-65.	0.9	10
7	Programming in a context-aware language. Journal of Supercomputing, 2019, 75, 7750-7764.	3.6	0
8	Measuring security in IoT communications. Theoretical Computer Science, 2019, 764, 100-124.	0.9	22
9	Tracking Data Trajectories in IoT. , 2019, , .		3
10	Revealing the Trajectories of KLAIM Tuples, Statically. Lecture Notes in Computer Science, 2019, , 437-454.	1.3	2
11	Language-Independent Synthesis of Firewall Policies. , 2018, , .		11
12	From Natural Projection to Partial Model Checking and Back. Lecture Notes in Computer Science, 2018, , 344-361.	1.3	1
13	Checking global usage of resources handled with local policies. Science of Computer Programming, 2017, 133, 20-50.	1.9	4
14	Experimenting with a Context-Aware Language. Lecture Notes in Computer Science, 2017, , 3-17.	1.3	1
15	Context-aware security: Linguistic mechanisms and static analysis. Journal of Computer Security, 2016, 24, 427-477.	0.8	10
16	Last Mileâ€™s Resources. Lecture Notes in Computer Science, 2016, , 33-53.	1.3	1
17	Where Do Your IoT Ingredients Come From?. Lecture Notes in Computer Science, 2016, , 35-50.	1.3	10
18	Causal static analysis for Brane Calculi. Theoretical Computer Science, 2015, 587, 73-103.	0.9	14

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19	On the impact of discreteness and abstractions on modelling noise in gene regulatory networks. Computational Biology and Chemistry, 2015, 56, 98-108.	2.3	4
20	A Global Occurrence Counting Analysis for Brane Calculi. Lecture Notes in Computer Science, 2015, , 179-200.	1.3	2
21	Pierpaolo Degano. Lecture Notes in Computer Science, 2015, , 1-6.	1.3	0
22	Static Evidences for Attack Reconstruction. Lecture Notes in Computer Science, 2015, , 162-182.	1.3	3
23	Linguistic Mechanisms for Context-Aware Security. Lecture Notes in Computer Science, 2014, , 61-79.	1.3	7
24	A Flat Process Calculus for Nested Membrane Interactions. Scientific Annals of Computer Science, 2014, 24, 91-136.	0.1	3
25	An Analysis for Causal Properties of Membrane Interactions. Electronic Notes in Theoretical Computer Science, 2013, 299, 15-31.	0.9	11
26	Open Multiparty Interaction. Lecture Notes in Computer Science, 2013, , 1-23.	1.3	5
27	Control Flow Analysis of Generalised Boolean Networks. Electronic Notes in Theoretical Computer Science, 2012, 284, 3-22.	0.9	1
28	Static Analysis Techniques for Session-Oriented Calculi. Lecture Notes in Computer Science, 2011, , 214-231.	1.3	2
29	Detecting and preventing type flaws at static time*. Journal of Computer Security, 2010, 18, 229-264.	0.8	10
30	Choreography Rehearsal. Lecture Notes in Computer Science, 2010, , 29-45.	1.3	1
31	Static Detection of Logic Flaws in Service-Oriented Applications. Lecture Notes in Computer Science, 2009, , 70-87.	1.3	6
32	A Control Flow Analysis for Beta-binders with and without static compartments. Theoretical Computer Science, 2009, 410, 3110-3127.	0.9	13
33	Control Flow Analysis for Brane Calculi. Electronic Notes in Theoretical Computer Science, 2009, 227, 59-75.	0.9	0
34	A Static Analysis for Beta-Binders. Electronic Notes in Theoretical Computer Science, 2008, 194, 69-85.	0.9	2
35	On deducing causality in metabolic networks. BMC Bioinformatics, 2008, 9, S8.	2.6	8
36	Detecting and Preventing Type flaws: a Control Flow Analysis with Tags. Electronic Notes in Theoretical Computer Science, 2007, 194, 3-22.	0.9	6

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37	A Formal Analysis for Capturing Replay Attacks in Cryptographic Protocols. , 2007, , 150-165.		7
38	Authentication primitives for secure protocol specifications. Future Generation Computer Systems, 2005, 21, 645-653.	7.5	2
39	Performance Evaluation of Security Protocols Specified in LySa. Electronic Notes in Theoretical Computer Science, 2005, 112, 167-189.	0.9	6
40	A Quantitative Study of Two Attacks. Electronic Notes in Theoretical Computer Science, 2005, 121, 65-85.	0.9	6
41	Checking security policies through an enhanced Control Flow Analysis. Journal of Computer Security, 2005, 13, 49-85.	0.8	2
42	Static validation of security protocols. Journal of Computer Security, 2005, 13, 347-390.	0.8	96
43	On Evaluating the Performance of Security Protocols. Lecture Notes in Computer Science, 2005, , 1-15.	1.3	0
44	Authentication Primitives for Protocol Specifications. Lecture Notes in Computer Science, 2003, , 49-65.	1.3	0
45	Primitives for authentication in process algebras. Theoretical Computer Science, 2002, 283, 271-304.	0.9	18
46	Techniques for Security Checking. Electronic Notes in Theoretical Computer Science, 2002, 62, 211-228.	0.9	6
47	Names of the Ï€-calculus agents handled locally. Theoretical Computer Science, 2001, 253, 155-184.	0.9	12
48	Static Analysis for the Ï€-Calculus with Applications to Security. Information and Computation, 2001, 168, 68-92.	0.7	69
49	Safe Ambients: Control Flow Analysis and Security. Lecture Notes in Computer Science, 2000, , 199-214.	1.3	33
50	Constructing Specific SOS Semantics for Concurrency via Abstract Interpretation. Lecture Notes in Computer Science, 1998, , 168-183.	1.3	0
51	True concurrency via abstract interpretation. Lecture Notes in Computer Science, 1997, , 202-216.	1.3	2
52	Mobile processes with a distributed environment. Lecture Notes in Computer Science, 1996, , 490-501.	1.3	3
53	A Step Towards Checking Security in IoT. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 223, 128-142.	0.8	6
54	A Taxonomy of Causality-Based Biological Properties. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 19, 116-133.	0.8	0

#	Article	IF	Citations
55	Predicting global usages of resources endowed with local policies. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 58, 49-64.	0.8	1