CÃ©dric Fournet

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11310087/publications.pdf

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51	2,955	430874	345221
papers	citations	18 h-index	36 g-index

53	53	53	1060
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Toward Confidential Cloud Computing. Queue, 2021, 19, 49-76.	1.1	7
2	A monadic framework for relational verification: applied to information security, program equivalence, and optimizations. , 2018, , .		12
3	The Applied Pi Calculus. Journal of the ACM, 2018, 65, 1-41.	2.2	82
4	Recalling a witness: foundations and applications of monotonic state. , 2018, 2, 1-30.		7
5	A monadic framework for relational verification: applied to information security, program equivalence, and optimizations. , 2018, , .		1
6	A messy state of the union. Communications of the ACM, 2017, 60, 99-107.	4.5	14
7	miTLS: Verifying Protocol Implementations against Real-World Attacks. IEEE Security and Privacy, 2016, 14, 18-25.	1.2	10
8	Downgrade Resilience in Key-Exchange Protocols. , 2016, , .		27
9	VC3: Trustworthy Data Analytics in the Cloud Using SGX. , 2015, , .		380
10	Triple Handshakes and Cookie Cutters: Breaking and Fixing Authentication over TLS. , 2014, , .		118
11	Gradual typing embedded securely in JavaScript. ACM SIGPLAN Notices, 2014, 49, 425-437.	0.2	8
12	Fully abstract compilation to JavaScript. , 2013, , .		57
13	Secure distributed programming with value-dependent types. Journal of Functional Programming, 2013, 23, 402-451.	0.8	26
14	Fully abstract compilation to JavaScript. ACM SIGPLAN Notices, 2013, 48, 371-384.	0.2	8
15	Verified Cryptographic Implementations for TLS. ACM Transactions on Information and System Security, 2012, 15, 1-32.	4.5	27
16	Self-certification. ACM SIGPLAN Notices, 2012, 47, 571-584.	0.2	4
17	Secure distributed programming with value-dependent types. ACM SIGPLAN Notices, 2011, 46, 266-278.	0.2	34
18	Modular code-based cryptographic verification. , 2011, , .		52

#	Article	IF	Citations
19	Secure distributed programming with value-dependent types. , 2011, , .		114
20	Refinement types for secure implementations. ACM Transactions on Programming Languages and Systems, 2011, 33, 1-45.	2.1	97
21	Compiling Information-Flow Security to Minimal Trusted Computing Bases. Lecture Notes in Computer Science, 2011, , 216-235.	1.3	5
22	Modular verification of security protocol code by typing. ACM SIGPLAN Notices, 2010, 45, 445-456.	0.2	12
23	Modular verification of security protocol code by typing. , 2010, , .		60
24	Cryptographic Protocol Synthesis and Verification for Multiparty Sessions. , 2009, , .		53
25	Automated verification of selected equivalences for security protocols. The Journal of Logic and Algebraic Programming, 2008, 75, 3-51.	1.4	171
26	Refinement Types for Secure Implementations. , 2008, , .		73
27	Verified implementations of the information card federated identity-management protocol. , 2008, , .		29
28	A secure compiler for session abstractions. Journal of Computer Security, 2008, 16, 573-636.	0.8	12
29	Cryptographically verified implementations for TLS. , 2008, , .		65
30	Verified interoperable implementations of security protocols. ACM Transactions on Programming Languages and Systems, 2008, 31, 1-61.	2.1	42
31	Cryptographically sound implementations for typed information-flow security. ACM SIGPLAN Notices, 2008, 43, 323-335.	0.2	5
32	Code-Carrying Authorization. Lecture Notes in Computer Science, 2008, , 563-579.	1.3	15
33	A Formal Implementation of Value Commitment. , 2008, , 383-397.		3
34	Just fast keying in the pi calculus. ACM Transactions on Information and System Security, 2007, 10, 9.	4.5	65
35	Secure Implementations for Typed Session Abstractions. Computer Security Foundations Workshop (CSFW), Proceedings of the IEEE, 2007, , .	0.0	20
36	Cryptographically Sound Implementations for Communicating Processes. Lecture Notes in Computer Science, 2006, , 83-94.	1.3	25

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37	A hierarchy of equivalences for asynchronous calculi. The Journal of Logic and Algebraic Programming, 2005, 63, 131-173.	1.4	25
38	A semantics for web services authentication. ACM SIGPLAN Notices, 2004, 39, 198-209.	0.2	2
39	Private authentication. Theoretical Computer Science, 2004, 322, 427-476.	0.9	93
40	Inheritance in the join calculus. The Journal of Logic and Algebraic Programming, 2003, 57, 23-69.	1.4	18
41	Hiding Names: Private Authentication in the Applied Pi Calculus. Lecture Notes in Computer Science, 2003, , 317-338.	1.3	28
42	Modern Concurrency Abstractions for C#. Lecture Notes in Computer Science, 2002, , 415-440.	1.3	32
43	Secure Implementation of Channel Abstractions. Information and Computation, 2002, 174, 37-83.	0.7	46
44	Bisimulations in the join-calculus. Theoretical Computer Science, 2001, 266, 569-603.	0.9	14
45	Mobile values, new names, and secure communication. , 2001, , .		421
46	Mobile values, new names, and secure communication. ACM SIGPLAN Notices, 2001, 36, 104-115.	0.2	188
47	Authentication primitives and their compilation. , 2000, , .		41
48	A Top-Down Look at a Secure Message. Lecture Notes in Computer Science, 1999, , 122-141.	1.3	4
49	A hierarchy of equivalences for asynchronous calculi. Lecture Notes in Computer Science, 1998, , 844-855.	1.3	38
50	Implicit typing Ã la ML for the join-calculus. Lecture Notes in Computer Science, 1997, , 196-212.	1.3	31
51	A calculus of mobile agents. Lecture Notes in Computer Science, 1996, , 406-421.	1.3	217