James Riely

List of Publications by Year
in descending order

47 papers	980 citations	687363 13 h-index	580821 25 g-index
48 all docs	48 docs citations	48 times ranked	334 citing authors

#	Article	IF	Citations
1	The leaky semicolon: compositional semantic dependencies for relaxed-memory concurrency. , 2022, 6, 1-30.		8
2	Pomsets with preconditions: a simple model of relaxed memory. , 2020, 4, 1-30.		14
3	Modular transactions. , 2019, , .		3
4	The Code That Never Ran: Modeling Attacks on Speculative Evaluation. , 2019, , .		16
5	Transactions in relaxed memory architectures. , 2018, 2, 1-29.		6
6	On abstraction and compositionality for weak-memory linearisability. Lecture Notes in Computer Science, 2018, , 183-204.	1.3	6
7	Eventual Consistency for CRDTs. Lecture Notes in Computer Science, 2018, , 968-995.	1.3	4
8	An extensible approach to session polymorphism. Mathematical Structures in Computer Science, 2016, 26, 465-509.	0.6	15
9	On Thin Air Reads Towards an Event Structures Model of Relaxed Memory. , 2016, , .		37
10	From Sequential Specifications to Eventual Consistency. Lecture Notes in Computer Science, 2015, , 247-259.	1.3	1
11	Certificates for Verifiable Forensics. , 2014, , .		0
12	Between Linearizability and Quiescent Consistency. Lecture Notes in Computer Science, 2014, , 220-231.	1.3	5
13	Quarantining Weakness. Lecture Notes in Computer Science, 2013, , 492-511.	1.3	5
14	Noninterference for Intuitionist Necessity. Lecture Notes in Computer Science, 2013, , 185-196.	1.3	0
15	Types for relaxed memory models. , 2012, , .		6
16	Succour to the Confused Deputy. Lecture Notes in Computer Science, 2012, , 66-81.	1.3	0
17	Brookes Is Relaxed, Almost!. Lecture Notes in Computer Science, 2012, , 180-194.	1.3	4
18	Local Memory via Layout Randomization. , 2011, , .		33

#	Article	IF	Citations
19	Generative Operational Semantics for Relaxed Memory Models. Lecture Notes in Computer Science, 2010, , 307-326.	1.3	34
20	Reflections on Trust: Trust Assurance by Dynamic Discovery of Static Properties. Lecture Notes in Computer Science, 2010, , 51-65.	1.3	0
21	Open Bisimulation for Aspects. Lecture Notes in Computer Science, 2009, , 72-132.	1.3	11
22	Towards a Theory of Accountability and Audit. Lecture Notes in Computer Science, 2009, , 152-167.	1.3	49
23	Lambda-RBAC: Programming with Role-Based Access Control. Logical Methods in Computer Science, 2008, 4, .	0.4	2
24	Tapido: Trust and Authorization Via Provenance and Integrity in Distributed Objects (Extended) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54		5
25	Open bisimulation for aspects. , 2007, , .		9
26	Typing for a minimal aspect language. , 2007, , .		0
27	Specifications of a high-level conflict-free firewall policy language for multi-domain networks. , 2007, , .		51
28	Do As I SaY! Programmatic Access Control with Explicit Identities. Computer Security Foundations Workshop (CSFW), Proceedings of the IEEE, 2007, , .	0.0	9
29	Access Control Based on Code Identity for Open Distributed Systems. , 2007, , 169-185.		3
30	Typed parametric polymorphism for aspects. Science of Computer Programming, 2006, 63, 267-296.	1.9	28
31	Dynamic Policy Discovery with Remote Attestation. Lecture Notes in Computer Science, 2006, , 111-125.	1.3	5
32	λ-RBAC: Programming with Role-Based Access Control. Lecture Notes in Computer Science, 2006, , 456-467.	1.3	0
33	μABC: A Minimal Aspect Calculus. Lecture Notes in Computer Science, 2004, , 209-224.	1.3	21
34	Trust and Partial Typing in Open Systems of Mobile Agents. Journal of Automated Reasoning, 2003, 31, 335-370.	1.4	11
35	A Calculus of Untyped Aspect-Oriented Programs. Lecture Notes in Computer Science, 2003, , 54-73.	1.3	39
36	Information flow vs. resource access in the asynchronous pi-calculus. ACM Transactions on Programming Languages and Systems, 2002, 24, 566-591.	2.1	55

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37	Resource Access Control in Systems of Mobile Agents. Information and Computation, 2002, 173, 82-120.	0.7	180
38	Distributed processes and location failures. Theoretical Computer Science, 2001, 266, 693-735.	0.9	35
39	Flattening Is an Improvement. Lecture Notes in Computer Science, 2000, , 360-376.	1.3	2
40	Information Flow vs. Resource Access in the Asynchronous Pi-Calculus (Extended Abstract). Lecture Notes in Computer Science, 2000, , 415-427.	1.3	29
41	Trust and partial typing in open systems of mobile agents. , 1999, , .		54
42	Resource Access Control in Systems of Mobile Agents. Electronic Notes in Theoretical Computer Science, 1998, 16, 174-188.	0.9	54
43	A typed language for distributed mobile processes (extended abstract). , 1998, , .		66
44	Type-Safe Execution of Mobile Agents in Anonymous Networks. Lecture Notes in Computer Science, 1998, , 304-304.	1.3	15
45	Distributed processes and location failures. Lecture Notes in Computer Science, 1997, , 471-481.	1.3	20
46	Specification and development of parallel algorithms with the Proteus system. DIMACS Series in Discrete Mathematics and Theoretical Computer Science, 1994, , 383-399.	0.0	6
47	Testing-Based Abstractions for Value-Passing Systems. Lecture Notes in Computer Science, 1994, , 417-432.	1.3	8