

Jonathan Aldrich

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

615
citations

1040056

9
h-index

1058476

14
g-index

31
all docs

31
docs citations

31
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Bounded Abstract Effects. ACM Transactions on Programming Languages and Systems, 2022, 44, 1-48.	2.1	0
2	PLIERS. ACM Transactions on Computer-Human Interaction, 2021, 28, 1-53.	5.7	11
3	Integrating usability into programming language design (keynote). , 2021, , .		0
4	Obsidian. ACM Transactions on Programming Languages and Systems, 2020, 42, 1-82.	2.1	12
5	Can advanced type systems be usable? An empirical study of ownership, assets, and tpestate in Obsidian. , 2020, 4, 1-28.		11
6	Syntactically Restricting Bounded Polymorphism for Decidable Subtyping. Lecture Notes in Computer Science, 2020, , 125-144.	1.3	2
7	Decidable subtyping for path dependent types. , 2020, 4, 1-27.		5
8	A case study in language-based security: building an I/O library for Wyvern. , 2020, , .		1
9	Gradual verification of recursive heap data structures. , 2020, 4, 1-28.		7
10	Smarter Smart Contract Development Tools. , 2019, , .		10
11	Model-Based Adaptation for Robotics Software. IEEE Software, 2019, 36, 83-90.	1.8	17
12	Interdisciplinary programming language design. , 2018, , .		10
13	Using object capabilities and effects to build an authority-safe module system. , 2018, , .		2
14	Glacier: Transitive Class Immutability for Java. , 2017, , .		22
15	Considering Productivity Effects of Explicit Type Declarations. , 2014, , .		1
16	Foundations of Tpestate-Oriented Programming. ACM Transactions on Programming Languages and Systems, 2014, 36, 1-44.	2.1	58
17	Object Propositions. Lecture Notes in Computer Science, 2014, , 497-513.	1.3	6
18	Safely Composable Type-Specific Languages. Lecture Notes in Computer Science, 2014, , 105-130.	1.3	31

#	ARTICLE	IF	CITATIONS
19	Structuring Documentation to Support State Search: A Laboratory Experiment about Protocol Programming. Lecture Notes in Computer Science, 2014, , 157-181.	1.3	10
20	Wyvern. , 2013, , .		13
21	A type system for borrowing permissions. , 2012, , .		37
22	A type system for borrowing permissions. ACM SIGPLAN Notices, 2012, 47, 557-570.	0.2	14
23	First-class state change in plaid. ACM SIGPLAN Notices, 2011, 46, 713-732.	0.2	10
24	First-class state change in plaid. , 2011, , .		43
25	Gradual Typestate. Lecture Notes in Computer Science, 2011, , 459-483.	1.3	26
26	Typestate-oriented programming. , 2009, , .		79
27	Practical API Protocol Checking with Access Permissions. Lecture Notes in Computer Science, 2009, , 195-219.	1.3	46
28	PLURAL. , 2008, , .		19
29	Modular typestate checking of aliased objects. , 2007, , .		107