

Alex Potanin

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

495
citations

1307594

7
h-index

1125743

13
g-index

42
all docs

42
docs citations

42
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Bounded Abstract Effects. ACM Transactions on Programming Languages and Systems, 2022, 44, 1-48.	2.1	0
2	Syntactically Restricting Bounded Polymorphism for Decidable Subtyping. Lecture Notes in Computer Science, 2020, , 125-144.	1.3	2
3	Decidable subtyping for path dependent types. , 2020, 4, 1-27.		5
4	Towards compilation of an imperative language for FPGAs. , 2018, , .		1
5	Abstract and Concrete Data Types vs Object Capabilities. , 2018, , 221-240.		2
6	Using object capabilities and effects to build an authority-safe module system. , 2018, , .		2
7	Automated refactoring of rust programs. , 2017, , .		4
8	Introduction to the Special Issue on the 0th New Object-Oriented Languages (NOOL) Workshop in 2015.. Journal of Object Technology, 2017, 16, 1.	0.9	1
9	Modules in wyvern. , 2016, , .		1
10	Workshop preview of the 2015 workshop on new object-oriented languages (NOOL 2015). , 2015, , .		0
11	Type-specific languages to fight injection attacks. , 2014, , .		2
12	Wyvern. , 2014, , .		4
13	Safely Composable Type-Specific Languages. Lecture Notes in Computer Science, 2014, , 105-130.	1.3	31
14	Type-directed, whitespace-delimited parsing for embedded DSLs. , 2013, , .		3
15	Wyvern. , 2013, , .		13
16	OwnKit: Inferring Modularly Checkable Ownership Annotations for Java. , 2013, , .		5
17	Are your incoming aliases really necessary? Counting the cost of object ownership. , 2013, , .		4
18	Immutability. Lecture Notes in Computer Science, 2013, , 233-269.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Encoding Featherweight Java with assignment and immutability using the Coq proof assistant. , 2012, , .		10
20	Formalisation and implementation of an algorithm for bytecode verification of @NonNull types. Science of Computer Programming, 2011, 76, 587-608.	1.9	1
21	Lessons learnt from collaboratively creating maps on a touch table. , 2011, , .		0
22	Ownership and immutability in generic Java. ACM SIGPLAN Notices, 2010, 45, 598-617.	0.2	14
23	Ownership and immutability in generic Java. , 2010, , .		29
24	Ownership for relationships. , 2009, , .		1
25	Java Bytecode Verification for @NonNull Types. , 2008, , 229-244.		6
26	Multiple dispatch in practice. , 2008, , .		28
27	Multiple dispatch in practice. ACM SIGPLAN Notices, 2008, 43, 563-582.	0.2	4
28	Object and reference immutability using Java generics. , 2007, , .		56
29	Featherweight generic confinement. Journal of Functional Programming, 2006, 16, 793-811.	0.8	14
30	Generic ownership for generic Java. , 2006, , .		44
31	Young guns/object orientation. , 2006, , .		0
32	Generic ownership for generic Java. ACM SIGPLAN Notices, 2006, 41, 311-324.	0.2	6
33	Scale-free geometry in OO programs. Communications of the ACM, 2005, 48, 99-103.	4.5	152
34	Generic ownership. , 2004, , .		4
35	Checking ownership and confinement. Concurrency Computation Practice and Experience, 2004, 16, 671-687.	2.2	18
36	A tool for ownership and confinement analysis of the Java object graph. , 2002, , .		2

#	ARTICLE	IF	CITATIONS
37	Iteratively Composing Statically Verified Traits. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 299, 49-55.	0.8	0