

Alex Potanin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4427040/publications.pdf>

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 | Scale-free geometry in OO programs. Communications of the ACM, 2005, 48, 99-103. | 4.5 | 152 |
| 2 | Object and reference immutability using Java generics. , 2007, , . | | 56 |
| 3 | Generic ownership for generic Java. , 2006, , . | | 44 |
| 4 | Safely Composable Type-Specific Languages. Lecture Notes in Computer Science, 2014, , 105-130. | 1.3 | 31 |
| 5 | Ownership and immutability in generic Java. , 2010, , . | | 29 |
| 6 | Multiple dispatch in practice. , 2008, , . | | 28 |
| 7 | Checking ownership and confinement. Concurrency Computation Practice and Experience, 2004, 16, 671-687. | 2.2 | 18 |
| 8 | Featherweight generic confinement. Journal of Functional Programming, 2006, 16, 793-811. | 0.8 | 14 |
| 9 | Ownership and immutability in generic Java. ACM SIGPLAN Notices, 2010, 45, 598-617. | 0.2 | 14 |
| 10 | Wyvern. , 2013, , . | | 13 |
| 11 | Encoding Featherweight Java with assignment and immutability using the Coq proof assistant. , 2012, , . | | 10 |
| 12 | Immutability. Lecture Notes in Computer Science, 2013, , 233-269. | 1.3 | 9 |
| 13 | Java Bytecode Verification for @NonNull Types. , 2008, , 229-244. | | 6 |
| 14 | Generic ownership for generic Java. ACM SIGPLAN Notices, 2006, 41, 311-324. | 0.2 | 6 |
| 15 | OwnKit: Inferring Modularly Checkable Ownership Annotations for Java. , 2013, , . | | 5 |
| 16 | Decidable subtyping for path dependent types. , 2020, 4, 1-27. | | 5 |
| 17 | Generic ownership. , 2004, , . | | 4 |
| 18 | Are your incoming aliases really necessary? Counting the cost of object ownership. , 2013, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Wyvern. , 2014, , . | | 4 |
| 20 | Automated refactoring of rust programs. , 2017, , . | | 4 |
| 21 | Multiple dispatch in practice. ACM SIGPLAN Notices, 2008, 43, 563-582. | 0.2 | 4 |
| 22 | Type-directed, whitespace-delimited parsing for embedded DSLs. , 2013, , . | | 3 |
| 23 | A tool for ownership and confinement analysis of the Java object graph. , 2002, , . | | 2 |
| 24 | Type-specific languages to fight injection attacks. , 2014, , . | | 2 |
| 25 | Abstract and Concrete Data Types vs Object Capabilities. , 2018, , 221-240. | | 2 |
| 26 | Using object capabilities and effects to build an authority-safe module system. , 2018, , . | | 2 |
| 27 | Syntactically Restricting Bounded Polymorphism for Decidable Subtyping. Lecture Notes in Computer Science, 2020, , 125-144. | 1.3 | 2 |
| 28 | Formalisation and implementation of an algorithm for bytecode verification of @NonNull types. Science of Computer Programming, 2011, 76, 587-608. | 1.9 | 1 |
| 29 | Towards compilation of an imperative language for FPGAs. , 2018, , . | | 1 |
| 30 | Ownership for relationships. , 2009, , . | | 1 |
| 31 | Modules in wyvern. , 2016, , . | | 1 |
| 32 | 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 |
| 33 | Young guns/object orientation. , 2006, , . | | 0 |
| 34 | Workshop preview of the 2015 workshop on new object-oriented languages (NOOL 2015). , 2015, , . | | 0 |
| 35 | Lessons learnt from collaboratively creating maps on a touch table. , 2011, , . | | 0 |
| 36 | Iteratively Composing Statically Verified Traits. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 299, 49-55. | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Bounded Abstract Effects. ACM Transactions on Programming Languages and Systems, 2022, 44, 1-48. | 2.1 | 0 |