

# Michael Pradel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11431750/publications.pdf>

Version: 2024-02-01

27  
papers

1,093  
citations

1937685

4  
h-index

2053705

5  
g-index

27  
all docs

27  
docs citations

27  
times ranked

471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bugs in Quantum computing platforms: an empirical study. , 2022, 6, 1-27.		10
2	Scaffle: bug localization on millions of files. , 2020, , .		15
3	No strings attached. , 2020, , .		9
4	Automated program repair. Communications of the ACM, 2019, 62, 56-65.	4.5	193
5	Pinpointing and repairing performance bottlenecks in concurrent programs. Empirical Software Engineering, 2018, 23, 3034-3071.	3.9	17
6	Detecting argument selection defects. , 2017, 1, 1-22.		29
7	An actionable performance profiler for optimizing the order of evaluations. , 2017, , .		9
8	Efficient Detection of Thread Safety Violations via Coverage-Guided Generation of Concurrent Tests. , 2017, , .		32
9	Systematic black-box analysis of collaborative web applications. ACM SIGPLAN Notices, 2017, 52, 171-184.	0.2	2
10	Monkey see, monkey do: effective generation of GUI tests with inferred macro events. , 2016, , .		31
11	Performance issues and optimizations in JavaScript. , 2016, , .		90
12	Nomen est omen. , 2016, , .		42
13	SyncProf: detecting, localizing, and optimizing synchronization bottlenecks. , 2016, , .		33
14	JITProf: pinpointing JIT-unfriendly JavaScript code. , 2015, , .		43
15	Performance problems you can fix: a dynamic analysis of memoization opportunities. , 2015, , .		41
16	Performance problems you can fix: a dynamic analysis of memoization opportunities. ACM SIGPLAN Notices, 2015, 50, 607-622.	0.2	15
17	Performance regression testing of concurrent classes. , 2014, , .		60
18	EventBreak. , 2014, , .		32

#	ARTICLE	IF	CITATIONS
19	Bitra: Coverage-guided, automatic testing of actor programs. , 2013, , .		17
20	Automatic testing of sequential and concurrent substitutability. , 2013, , .		10
21	Name-Based Analysis of Equally Typed Method Arguments. IEEE Transactions on Software Engineering, 2013, 39, 1127-1143.	5.6	15
22	Fully automatic and precise detection of thread safety violations. , 2012, , .		61
23	Statically checking API protocol conformance with mined multi-object specifications. , 2012, , .		42
24	Ballerina: Automatic generation and clustering of efficient random unit tests for multithreaded code. , 2012, , .		42
25	Leveraging test generation and specification mining for automated bug detection without false positives. , 2012, , .		30
26	A framework for the evaluation of specification miners based on finite state machines. , 2010, , .		69
27	Automatic Generation of Object Usage Specifications from Large Method Traces. , 2009, , .		104