

# Meng Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1331681/publications.pdf>

Version: 2024-02-01

34  
papers

319  
citations

1163117

8  
h-index

1199594

12  
g-index

35  
all docs

35  
docs citations

35  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feat. , 2012, , .		35
2	The visitor pattern as a reusable, generic, type-safe component. , 2008, , .		33
3	How functional programming mattered. National Science Review, 2015, 2, 349-370.	9.5	25
4	Combining syntactic and semantic bidirectionalization. , 2010, , .		20
5	Refactoring pattern matching. Science of Computer Programming, 2013, 78, 2216-2242.	1.9	16
6	Incremental updates for efficient bidirectional transformations. , 2011, , .		14
7	FliPpr: A Prettier Invertible Printing System. Lecture Notes in Computer Science, 2013, , 101-120.	1.3	13
8	Applicative bidirectional programming with lenses. , 2015, , .		13
9	Enhancing semantic bidirectionalization via shape bidirectionalizer plug-ins. Journal of Functional Programming, 2013, 23, 515-551.	0.8	12
10	Type-directed weaving of aspects for higher-order functional languages. , 2006, , .		12
11	Feat. ACM SIGPLAN Notices, 2013, 47, 61-72.	0.2	12
12	HOBiT: Programming Lenses Without Using Lens Combinators. Lecture Notes in Computer Science, 2018, , 31-59.	1.3	11
13	â€œBidirectionalization for freeâ€•for monomorphic transformations. Science of Computer Programming, 2015, 111, 79-109.	1.9	10
14	A Study of Bug Resolution Characteristics in Popular Programming Languages. IEEE Transactions on Software Engineering, 2021, 47, 2684-2697.	5.6	10
15	Applicative bidirectional programming. Journal of Functional Programming, 2018, 28, .	0.8	8
16	Gradual Refinement. Lecture Notes in Computer Science, 2010, , 397-425.	1.3	7
17	Sparcl: a language for partially-invertible computation. , 2020, 4, 1-31.		7
18	Empirical Evaluation of Test Coverage for Functional Programs. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
19	FliPpr: A System for Deriving Parsers from Pretty-Printers. <i>New Generation Computing</i> , 2018, 36, 173-202.	3.3	6
20	Bidirectionalization for free with runtime recording. , 2013, , .		5
21	Do Pseudo Test Suites Lead to Inflated Correlation in Measuring Test Effectiveness?. , 2019, , .		5
22	A Compilation Model for Aspect-Oriented Polymorphically Typed Functional Languages. <i>Lecture Notes in Computer Science</i> , 2007, , 34-51.	1.3	5
23	Aspect-oriented programming with type classes. , 2007, , .		4
24	Combining syntactic and semantic bidirectionalization. <i>ACM SIGPLAN Notices</i> , 2010, 45, 181-192.	0.2	4
25	Semantic bidirectionalization revisited. , 2014, , .		4
26	Linking unit tests and properties. , 2015, , .		4
27	What does aspect-oriented programming mean for functional programmers?. , 2009, , .		3
28	Incremental updates for efficient bidirectional transformations. <i>ACM SIGPLAN Notices</i> , 2011, 46, 392-403.	0.2	3
29	Applicative bidirectional programming with lenses. <i>ACM SIGPLAN Notices</i> , 2015, 50, 62-74.	0.2	3
30	Composing Bidirectional Programs Monadically. <i>Lecture Notes in Computer Science</i> , 2019, , 147-175.	1.3	2
31	Side-effect localization for lazy, purely functional languages via aspects. <i>Higher-Order and Symbolic Computation</i> , 2011, 24, 151-189.	0.3	1
32	Understanding formal specifications through good examples. , 2018, , .		1
33	Synbit: synthesizing bidirectional programs using unidirectional sketches. , 2021, 5, 1-31.		1
34	Type-directed weaving of aspects for polymorphically typed functional languages. <i>Science of Computer Programming</i> , 2010, 75, 1048-1076.	1.9	0