

# Martin Odersky

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11232173/publications.pdf>

Version: 2024-02-01

31  
papers

1,622  
citations

759233

12  
h-index

794594

19  
g-index

31  
all docs

31  
docs citations

31  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual ADTs for portable metaprogramming. , 2021, , .		0
2	Yin-yang: concealing the deep embedding of DSLs. ACM SIGPLAN Notices, 2015, 50, 73-82.	0.2	0
3	Unifying functional and object-oriented programming with Scala. Communications of the ACM, 2014, 57, 76-86.	4.5	31
4	Delite. Transactions on Embedded Computing Systems, 2014, 13, 1-25.	2.9	134
5	Yin-yang: concealing the deep embedding of DSLs. , 2014, , .		28
6	Forge. ACM SIGPLAN Notices, 2014, 49, 145-154.	0.2	6
7	Spiral in scala. ACM SIGPLAN Notices, 2014, 49, 125-134.	0.2	7
8	Foundations of path-dependent types. ACM SIGPLAN Notices, 2014, 49, 233-249.	0.2	12
9	Staged parser combinators for efficient data processing. ACM SIGPLAN Notices, 2014, 49, 637-653.	0.2	3
10	Making domain-specific hardware synthesis tools cost-efficient. , 2013, , .		13
11	Spiral in scala. , 2013, , .		34
12	Optimizing data structures in high-level programs. , 2013, , .		73
13	Miniboxing. , 2013, , .		18
14	Forge. , 2013, , .		27
15	Miniboxing. ACM SIGPLAN Notices, 2013, 48, 73-92.	0.2	3
16	Optimizing data structures in high-level programs. ACM SIGPLAN Notices, 2013, 48, 497-510.	0.2	8
17	Scala-Virtualized: linguistic reuse for deep embeddings. Higher-Order and Symbolic Computation, 2012, 25, 165-207.	0.3	38
18	Lightweight modular staging. Communications of the ACM, 2012, 55, 121-130.	4.5	103

#	ARTICLE	IF	CITATIONS
19	Implementing Domain-Specific Languages for Heterogeneous Parallel Computing. IEEE Micro, 2011, 31, 42-53.	1.8	65
20	Lightweight modular staging. , 2010, , .		188
21	Language virtualization for heterogeneous parallel computing. ACM SIGPLAN Notices, 2010, 45, 835-847.	0.2	7
22	A Core Calculus for Scala Type Checking. Lecture Notes in Computer Science, 2006, , 1-23.	1.3	33
23	Scalable component abstractions. , 2005, , .		129
24	Scalable component abstractions. ACM SIGPLAN Notices, 2005, 40, 41-57.	0.2	21
25	A Nominal Theory of Objects with Dependent Types. Lecture Notes in Computer Science, 2003, , 201-224.	1.3	80
26	Type inference with constrained types. Theory and Practice of Object Systems, 1999, 5, 35-55.	0.7	80
27	Making the future safe for the past. ACM SIGPLAN Notices, 1998, 33, 183-200.	0.2	39
28	The call-by-need lambda calculus. Journal of Functional Programming, 1998, 8, 275-317.	0.8	84
29	Pizza into Java. , 1997, , .		261
30	Call-by-name, Call-by-value, Call-by-need, and the Linear Lambda Calculus. Electronic Notes in Theoretical Computer Science, 1995, 1, 370-392.	0.9	23
31	Type inference with constrained types. , 0, .		74