Aleksandar Prokopec

List of Publications by Year
in descending order

23 papers	349 citations	1684188 5 h-index	1281871 11 g-index
23 all docs	23 docs citations	23 times ranked	120 citing authors

#	ARTICLE	IF	CITATIONS
1	Non-blocking interpolation search trees with doubly-logarithmic running time. , 2020, , .		12
2	Renaissance: a modern benchmark suite for parallel applications on the JVM. , 2019, , .		4
3	Renaissance: benchmarking suite for parallel applications on the JVM. , 2019, , .		55
4	An Optimization-Driven Incremental Inline Substitution Algorithm for Just-in-Time Compilers. , 2019, , .		10
5	Cache-tries. , 2018, , .		11
6	Efficient Lock-Free Removing and Compaction for the Cache-Trie Data Structure. Lecture Notes in Computer Science, 2018, , 575-589.	1.3	6
7	Pluggable Scheduling for the Reactor Programming Model. Lecture Notes in Computer Science, 2018, , 125-154.	1.3	3
8	Cache-tries. ACM SIGPLAN Notices, 2018, 53, 137-151.	0.2	2
9	Encoding the building blocks of communication. , 2017, , .		9
10	Making collection operations optimal with aggressive JIT compilation. , 2017, , .		17
11	Accelerating by Idling: How Speculative Delays Improve Performance of Message-Oriented Systems. Lecture Notes in Computer Science, 2017, , 177-191.	1.3	4
12	Pluggable scheduling for the reactor programming model. , 2016, , .		10
13	Conc-Trees for Functional and Parallel Programming. Lecture Notes in Computer Science, 2016, , 254-268.	1.3	10
14	Isolates, channels, and event streams for composable distributed programming. , 2015, , .		20
15	Efficient Lock-Free Work-Stealing Iterators for Data-Parallel Collections. , 2015, , .		11
16	SnapQueue: lock-free queue with constant time snapshots. , 2015, , .		11
17	Containers and aggregates, mutators and isolates for reactive programming. , 2014, , .		13
18	Near Optimal Work-Stealing Tree Scheduler for Highly Irregular Data-Parallel Workloads. Lecture Notes in Computer Science, 2014, , 55-86.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Lock-Free Resizeable Concurrent Tries. Lecture Notes in Computer Science, 2013, , 156-170.	1.3	7
20	FlowPools: A Lock-Free Deterministic Concurrent Dataflow Abstraction. Lecture Notes in Computer Science, 2013, , 158-173.	1.3	13
21	Composition and Reuse with Compiled Domain-Specific Languages. Lecture Notes in Computer Science, 2013, , 52-78.	1.3	51
22	Concurrent tries with efficient non-blocking snapshots. ACM SIGPLAN Notices, 2012, 47, 151-160.	0.2	31
23	A Generic Parallel Collection Framework. Lecture Notes in Computer Science, 2011, , 136-147.	1.3	34