Jonathan Ragan-Kelley

List of Publications by Year
in descending order

13 papers	1,830 citations	1040056 9 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	1047 citing authors

#	Article	IF	Citations
1	Halide. , 2013, , .		469
2	Halide. ACM SIGPLAN Notices, 2013, 48, 519-530.	0.2	342
3	Automatically translating image processing libraries to halide. ACM Transactions on Graphics, 2019, 38, 1-13.	7.2	269
4	Decoupling algorithms from schedules for easy optimization of image processing pipelines. ACM Transactions on Graphics, 2012, 31, 1-12.	7.2	192
5	Learning to optimize halide with tree search and random programs. ACM Transactions on Graphics, 2019, 38, 1-12.	7.2	116
6	Automatically scheduling halide image processing pipelines. ACM Transactions on Graphics, 2016, 35, 1-11.	7.2	115
7	Taichi. ACM Transactions on Graphics, 2019, 38, 1-16.	7.2	90
8	Halide. Communications of the ACM, 2017, 61, 106-115.	4.5	60
9	Differentiable programming for image processing and deep learning in halide. ACM Transactions on Graphics, 2018, 37, 1-13.	7.2	53
10	Serverless linear algebra. , 2020, , .		51
11	ProxImaL. ACM Transactions on Graphics, 2016, 35, 1-15.	7.2	45
12	Getting to the point: index sets and parallelism-preserving autodiff for pointful array programming. , 2021, 5, 1-29.		19
13	Exocompilation for productive programming of hardware accelerators. , 2022, , .		9