Minh N Dinh

List of Publications by Year
in descending order

23 papers	183 citations	1684188 5 h-index	1281871 11 g-index
23 all docs	23 docs citations	23 times ranked	346 citing authors

#	Article	IF	Citations
1	Using multiple lines of evidence to assess the risk of ecosystem collapse. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170660.	2.6	46
2	A survey on software methods to improve the energy efficiency of parallel computing. International Journal of High Performance Computing Applications, 2017, 31, 517-549.	3.7	27
3	Using individualâ€based movement information to identify spatial conservation priorities for mobile species. Conservation Biology, 2019, 33, 1426-1437.	4.7	22
4	Assertion Based Parallel Debugging. , 2011, , .		12
5	Data centric highly parallel debugging. , 2010, , .		11
6	Energy Efficiency Modeling of Parallel Applications. , 2018, , .		8
7	Scalable Relative Debugging. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 740-749.	5.6	7
8	An abstract virtual instrument system for high throughput automatic microscopy. Procedia Computer Science, 2010, 1, 545-554.	2.0	6
9	Virtual Microscopy and Analysis Using Scientific Workflows. , 2009, , .		5
10	A Scalable Parallel Debugging Library with Pluggable Communication Protocols. , 2012, , .		5
11	Statistical assertion: A more powerful method for debugging scientific applications. Journal of Computational Science, 2014, 5, 126-134.	2.9	5
12	New technologies to improve healthcare in low- and middle-income countries: Global Grand Challenges satellite event, Oxford University Clinical Research Unit, Ho Chi Minh City, 17th-18th September 2019. Wellcome Open Research, 2020, 5, 142.	1.8	5
13	Scalable parallel debugging with statistical assertions. ACM SIGPLAN Notices, 2012, 47, 311-312.	0.2	4
14	Relative debugging for a highly parallel hybrid computer system. , 2015, , .		4
15	Supporting Relative Debugging for Large-scale UPC Programs. Procedia Computer Science, 2014, 29, 1491-1503.	2.0	3
16	Statistical and machine learning models for optimizing energy in parallel applications. International Journal of High Performance Computing Applications, 2019, 33, 1079-1097.	3.7	3
17	New technologies to improve healthcare in low- and middle-income countries: Global Grand Challenges satellite event, Oxford University Clinical Research Unit, Ho Chi Minh City, 17th-18th September 2019. Wellcome Open Research, 2020, 5, 142.	1.8	3
18	Integrating Scientific Workflows and Large Tiled Display Walls: Bridging the Visualization Divide. , 2011, , .		2

#	Article	IF	Citations
19	Debugging Scientific Applications With Statistical Assertions. Procedia Computer Science, 2012, 9, 1940-1949.	2.0	2
20	Runtime Verification of Scientific Codes Using Statistics. Procedia Computer Science, 2016, 80, 1473-1484.	2.0	2
21	A dataâ€centric framework for debugging highly parallel applications. Software - Practice and Experience, 2015, 45, 501-526.	3.6	1
22	Scalable parallel debugging with statistical assertions. , 2012, , .		0
23	Runtime Verification of Scientific Computing: Towards an Extreme Scale. , 2016, , .		0