Jeremy Kepner

List of Publications by Citations

21 papers	387 citations	12 h-index	19 g-index
22 ext. papers	514 ext. citations	3.6 avg, IF	3.2 L-index

#	Paper	IF	Citations
21	Dynamic distributed dimensional data model (D4M) database and computation system **2012**,		58
20	MatlabMPI. *Journal of Parallel and Distributed Computing*, **2004**, 64, 997-1005	4.4	51
19	Computing on masked data: a high performance method for improving big data veracity **2014**,		34
18	Parallel MATLAB for Multicore and Multinode Computers **2009**,		32
17	Resilience of Cyber Systems with Over- and Underregulation. *Risk Analysis*, **2017**, 37, 1644-1651	3.9	30
16	D4M 2.0 schema: A general purpose high performance schema for the Accumulo database **2013**,		27
15	LLSuperCloud: Sharing HPC systems for diverse rapid prototyping **2013**,		20
14	Learning by doing, High Performance Computing education in the MOOC era. *Journal of Parallel and Distributed Computing*, **2017**, 105, 105-115	4.4	19
13	Achieving 100,000,000 database inserts per second using Accumulo and D4M **2014**,		18
12	Driving big data with big compute **2012**,		18
11	D4M: Bringing associative arrays to database engines **2015**,		15
10	Enabling on-demand database computing with MIT SuperCloud database management system **2015**,		12
9	HPC-VMs: Virtual machines in high performance computing systems **2012**,		12
8	Scalability of VM provisioning systems **2016**,		9
7	Big Data strategies for Data Center Infrastructure management using a 3D gaming platform **2015**,		8
6	pMATLAB: Parallel MATLAB Library for Signal Processing Applications **2007**,		7
5	Rulemaking for Insider Threat Mitigation **2019**, 265-286		6

LIST OF PUBLICATIONS

4	MIT SuperCloud portal workspace: Enabling HPC web application deployment **2017**,		5
3	Percolation Model of insider threats to assess the optimum number of rules. *Environment Systems and Decisions*, **2015**, 35, 504-510	4.1	3
2	A multi-threaded fast convolver for dynamically parallel image filtering. *Journal of Parallel and Distributed Computing*, **2003**, 63, 360-372	4.4	3
1	Lessons Learned from a Decade of Providing Interactive, On-Demand High Performance Computing to Scientists and Engineers. *Lecture Notes in Computer Science*, **2018**, 655-668	0.9	0