Simon Pickartz

List of Publications by Year
in descending order

16 papers	128 citations	1937685 4 h-index	1588992 8 g-index
16 all docs	16 docs citations	16 times ranked	53 citing authors

#	Article	IF	Citations
1	RustyHermit: A Scalable, Rust-Based Virtual Execution Environment. Lecture Notes in Computer Science, 2020, , 331-342.	1.3	2
2	Prospects and challenges of virtual machine migration in HPC. Concurrency Computation Practice and Experience, 2018, 30, e4412.	2.2	5
3	Revisiting locality-awareness in view of dynamically changing topologies. Parallel Computing, 2018, 77, 1-18.	2.1	0
4	Zeroing memory deallocator to reduce checkpoint sizes in virtualized HPC environments. Journal of Supercomputing, 2018, 74, 6236-6257.	3.6	4
5	Enabling hierarchy-aware MPI collectives in dynamically changing topologies. , 2017, , .		3
6	Dynamic Co-Scheduling Driven by Main Memory Bandwidth Utilization. , 2017, , .		15
7	A Low Noise Unikernel for Extrem-Scale Systems. Lecture Notes in Computer Science, 2017, , 73-84.	1.3	5
8	A Locality-Aware Communication Layer for Virtualized Clusters. Lecture Notes in Computer Science, 2017, , 605-616.	1.3	3
9	Viability of Virtual Machines in HPC. Lecture Notes in Computer Science, 2017, , 721-733.	1.3	2
10	Non-intrusive Migration of MPI Processes in OS-Bypass Networks. , 2016, , .		7
11	Application migration in HPC â€" A driver of the exascale era?. , 2016, , .		11
12	Migrating LinuX Containers Using CRIU. Lecture Notes in Computer Science, 2016, , 674-684.	1.3	17
13	HermitCore. , 2016, , .		36
14	Accelerating Application Migration in HPC. Lecture Notes in Computer Science, 2016, , 663-673.	1.3	1
15	SWIFT: A Transparent and Flexible Communication Layer for PCIe-Coupled Accelerators and (Co-)Processors. , 2014, , .		3
16	Migration Techniques in HPC Environments. Lecture Notes in Computer Science, 2014, , 486-497.	1.3	14