Camille Coti

List of Publications by Year
in descending order

23	200	1478505 6	1199594 12
papers	citations	h-index	g-index

28	28	28	173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blocking vs. non-blocking coordinated checkpointing for large-scale fault tolerant MPI Protocols. Future Generation Computer Systems, 2008, 24, 73-84.	7.5	56
2	QR factorization of tall and skinny matrices in a grid computing environment. , 2010, , .		31
3	MPI Applications on Grids: A Topology Aware Approach. Lecture Notes in Computer Science, 2009, , 466-477.	1.3	19
4	Quasi-Optimal Partial Order Reduction. Lecture Notes in Computer Science, 2018, , 354-371.	1.3	12
5	Grid Services for MPI. , 2008, , .		10
6	QCG-OMPI: MPI applications on grids. Future Generation Computer Systems, 2011, 27, 357-369.	7.5	9
7	Running Parallel Applications with Topology-Aware Grid Middleware. , 2009, , .		8
8	PAR: a PARallel and distributed job crusher. Bioinformatics, 2010, 26, 2918-2919.	4.1	7
9	POSH: Paris OpenSHMEM A High-performance OpenSHMEM Implementation for Shared Memory Systems. Procedia Computer Science, 2014, 29, 2422-2431.	2.0	6
10	Scalable, Robust, Fault-Tolerant Parallel QR Factorization. , 2016, , .		5
11	Fast machine reassignment. Annals of Operations Research, 2016, 242, 133-160.	4.1	5
12	A Model for Coherent Distributed Memory for Race Condition Detection. , 2011, , .		4
13	Distributed Behavioral Cartography of Timed Automata. , 2014, , .		4
14	Exploiting Redundant Computation in Communication-Avoiding Algorithms for Algorithm-Based Fault Tolerance. , 2016, , .		4
15	Distributed Snapshot for Rollback-Recovery with One-Sided Communications. , 2018, , .		3
16	Data Coherency in Distributed Shared Memory. International Journal of Networking and Computing, 2012, 2, 117-130.	0.4	2
17	Quasi-optimal partial order reduction. Formal Methods in System Design, 2020, 57, 3.	0.8	1
18	Fault-Tolerant LU Factorization Is Low Cost. Lecture Notes in Computer Science, 2021, , 536-549.	1.3	1

#	Article	IF	Citations
19	On the Road to DiPOSH: Adventures in High-Performance OpenSHMEM. Lecture Notes in Computer Science, 2020, , 250-260.	1.3	1
20	Grid Services for MPI. Lecture Notes in Computer Science, 2007, , 393-394.	1.3	1
21	A taskâ€based approach to parallel parametric linear programming solving, and application to polyhedral computations. Concurrency Computation Practice and Experience, 2021, 33, e6050.	2.2	0
22	DiPOSH: A portable OpenSHMEM implementation for short APIâ€toâ€network path. Concurrency Computation Practice and Experience, 2021, 33, e6179.	2.2	0
23	Fault Tolerance Techniques for Distributed, Parallel Applications. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 221-252.	0.5	0