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List of Publications by Year
in descending order

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45	821	623734	794594
papers	citations	14 h-index	19 g-index

47	47	47	395
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Data-Aware Resource Allocation of Linear Pipeline Applications in a Distributed Environment. , 2022, , .		3
2	Costâ€aware cloud bursting in a fogâ€cloud environment with realâ€time workflow applications. Concurrency Computation Practice and Experience, 2021, 33, e5850.	2.2	13
3	Dynamic scheduling of bags-of-tasks with sensitive input data and end-to-end deadlines in a hybrid cloud. Multimedia Tools and Applications, 2021, 80, 16781-16803.	3.9	20
4	Orchestrating real-time IoT workflows in a fog computing environment utilizing partial computations with end-to-end error propagation. Cluster Computing, 2021, 24, 3629-3650.	5.0	20
5	Guest editorsâ€™ introduction: â€œModeling and simulation of hybrid cloudsâ€• Simulation Modelling Practice and Theory, 2021, 111, 102349.	3.8	0
6	Multicriteria scheduling of linear workflows with dynamically varying structure on distributed platforms. Simulation Modelling Practice and Theory, 2021, 112, 102369.	3.8	9
7	Security and Cost Aware Scheduling of Real-Time IoT Workflows in a Mist Computing Environment. , 2021, , .		8
8	Resource Assignment Strategies for Bags-of-Tasks in Distributed Systems. , 2021, , .		1
9	Orchestrating Bag-of-Tasks Applications with Dynamically Spawned Tasks in a Distributed Environment. , 2021, , .		7
10	Scheduling Real-Time IoT Workflows in a Fog Computing Environment Utilizing Cloud Resources with Data-Aware Elasticity. , 2021, , .		3
11	Scheduling realâ€time bagâ€ofâ€tasks applications with approximate computations in SaaS clouds. Concurrency Computation Practice and Experience, 2020, 32, e4208.	2.2	21
12	â€œModeling and simulation of fog computingâ€• Simulation Modelling Practice and Theory, 2020, 101, 102066.	3.8	1
13	Orchestration of Real-Time Workflows with Varying Input Data Locality in a Heterogeneous Fog Environment. , 2020, , .		10
14	Multi-Criteria Scheduling of Complex Workloads on Distributed Resources. , 2020, , .		3
15	Scheduling a Job Mix of Bag-of-Tasks and Bag-of-Task-Chains on Distributed Resources. , 2020, , .		8
16	Weighted Scheduling of Mixed Gang Jobs on Distributed Resources. , 2020, , .		2
17	Scheduling Different Types of Gang Jobs in Distributed Systems. , 2019, , .		7
18	Scheduling Different Types of Bag-of-Tasks Jobs in Distributed Systems. , 2019, , .		5

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19	An energy-efficient, QoS-aware and cost-effective scheduling approach for real-time workflow applications in cloud computing systems utilizing DVFS and approximate computations. Future Generation Computer Systems, 2019, 96, 216-226.	7.5	105
20	Scheduling Bag-of-Task-Chains in Distributed Systems. , 2019, , .		9
21	Cost-Effective Utilization of Complementary Cloud Resources for the Scheduling of Real-Time Workflow Applications in a Fog Environment. , 2019, , .		12
22	A hybrid approach to scheduling real-time IoT workflows in fog and cloud environments. Multimedia Tools and Applications, 2019, 78, 24639-24655.	3.9	93
23	Performance evaluation of a SaaS cloud under different levels of workload computational demand variability and tardiness bounds. Simulation Modelling Practice and Theory, 2019, 91, 1-12.	3.8	16
24	Scheduling Single-Task Jobs along with Bag-of-Task-Chains in Distributed Systems. , 2019, , .		5
25	Scheduling Data-Intensive Workloads in Large-Scale Distributed Systems: Trends and Challenges. Studies in Big Data, 2018, , 19-43.	1.1	15
26	The impact of checkpointing interval selection on the scheduling performance of realâ€time fineâ€grained parallel applications in SaaS clouds under various failure probabilities. Concurrency Computation Practice and Experience, 2018, 30, e4288.	2.2	17
27	Scheduling techniques for complex workloads in distributed systems. , 2018, , .		6
28	The impact of workload variability on the energy efficiency of large-scale heterogeneous distributed systems. Simulation Modelling Practice and Theory, 2018, 89, 135-143.	3.8	20
29	Energy-Aware Scheduling of Real-Time Workflow Applications in Clouds Utilizing DVFS and Approximate Computations. , 2018, , .		17
30	Task Group Scheduling in Distributed Systems. , 2018, , .		7
31	Simulation-Based Performance Evaluation of an Energy-Aware Heuristic for the Scheduling of HPC Applications in Large-Scale Distributed Systems. , 2017, , .		18
32	Different aspects of workflow scheduling in large-scale distributed systems. Simulation Modelling Practice and Theory, 2017, 70, 120-134.	3.8	28
33	Periodic scheduling of mixed workload in distributed systems. , 2017, , .		6
34	The impact of data locality on the performance of a SaaS cloud with real-time data-intensive applications. , 2017, , .		11
35	The Effect of Workload Computational Demand Variability on the Performance of a SaaS Cloud with a Multi-tier SLA. , 2017, , .		14
36	Scheduling real-time parallel applications in SaaS clouds in the presence of transient software failures. , 2016, , .		19

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37	Scheduling Different Types of Applications in a SaaS Cloud. , 2016, , .		14
38	A Cost-Effective and QoS-Aware Approach to Scheduling Real-Time Workflow Applications in PaaS and SaaS Clouds. , 2015, , .		39
39	The impact of resource heterogeneity on the timeliness of hard real-time complex jobs. , 2014, , .		10
40	Scheduling real-time DAGs in heterogeneous clusters by combining imprecise computations and bin packing techniques for the exploitation of schedule holes. Future Generation Computer Systems, 2012, 28, 977-988.	7.5	46
41	Scheduling multiple task graphs in heterogeneous distributed real-time systems by exploiting schedule holes with bin packing techniques. Simulation Modelling Practice and Theory, 2011, 19, 540-552.	3.8	50
42	The Impact of Input Error on the Scheduling of Task Graphs with Imprecise Computations in Heterogeneous Distributed Real-Time Systems. Lecture Notes in Computer Science, 2011, , 273-287.	1.3	13
43	Scheduling multiple task graphs with end-to-end deadlines in distributed real-time systems utilizing imprecise computations. Journal of Systems and Software, 2010, 83, 1004-1014.	4.5	52
44	Fault-tolerant Gang Scheduling in Distributed Real-time Systems Utilizing Imprecise Computations. Simulation, 2009, 85, 525-536.	1.8	25
45	Security, Cost and Energy Aware Scheduling of Real-Time IoT Workflows in a Mist Computing Environment. Information Systems Frontiers, 0, , .	6.4	6