

Nikos Tziritas

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

667
citations

933447

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h-index

713466

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28
all docs

28
docs citations

28
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Algorithms for the Interval Scheduling Problem in the Cloud: Affinity Pair Threshold Based Approaches. IEEE Transactions on Sustainable Computing, 2022, 7, 441-455.	3.1	0
2	Online Inter-Datacenter Service Migrations. IEEE Transactions on Cloud Computing, 2020, 8, 1054-1068.	4.4	9
3	Anomaly detection via blockchained deep learning smart contracts in industry 4.0. Neural Computing and Applications, 2020, 32, 17361-17378.	5.6	59
4	Energy efficient VM scheduling strategies for HPC workloads in cloud data centers. Sustainable Computing: Informatics and Systems, 2019, 24, 100352.	2.2	5
5	The Next Generation Cognitive Security Operations Center: Adaptive Analytic Lambda Architecture for Efficient Defense against Adversarial Attacks. Big Data and Cognitive Computing, 2019, 3, 6.	4.7	23
6	Evaluation of Heterogeneous Scheduling Algorithms for Wavefront and Tile Parallelism in Video Coding. Lecture Notes in Computer Science, 2019, , 16-27.	1.3	0
7	The Next Generation Cognitive Security Operations Center: Network Flow Forensics Using Cybersecurity Intelligence. Big Data and Cognitive Computing, 2018, 2, 35.	4.7	22
8	Server Consolidation in Cloud Computing. , 2018, , .		3
9	A Communication-Aware Energy-Efficient Graph-Coloring Algorithm for VM Placement in Clouds. , 2018, , .		4
10	Energy and communication aware task mapping for MPSoCs. Journal of Parallel and Distributed Computing, 2018, 121, 71-89.	4.1	12
11	Data Replication and Virtual Machine Migrations to Mitigate Network Overhead in Edge Computing Systems. IEEE Transactions on Sustainable Computing, 2017, 2, 320-332.	3.1	31
12	On planning the adoption of new video standards in social media networks: a general framework and its application to HEVC. Social Network Analysis and Mining, 2017, 7, 1.	2.8	6
13	Leveraging on Deep Memory Hierarchies to Minimize Energy Consumption and Data Access Latency on Single-Chip Cloud Computers. IEEE Transactions on Sustainable Computing, 2017, 2, 154-166.	3.1	9
14	A survey and taxonomy on energy efficient resource allocation techniques for cloud computing systems. Computing (Vienna/New York), 2016, 98, 751-774.	4.8	253
15	A framework for scheduling the encoding of multiple smart user videos. , 2016, , .		3
16	Slice-based parallelization in HEVC encoding: Realizing the potential through efficient load balancing. , 2016, , .		10
17	Towards adaptable and tunable cloud-based map-matching strategy for GPS trajectories. Frontiers of Information Technology and Electronic Engineering, 2016, 17, 1305-1319.	2.6	3
18	On Improving Constrained Single and Group Operator Placement Using Evictions in Big Data Environments. IEEE Transactions on Services Computing, 2016, 9, 818-831.	4.6	7

#	ARTICLE	IF	CITATIONS
19	Performance analysis of data intensive cloud systems based on data management and replication: a survey. Distributed and Parallel Databases, 2016, 34, 179-215.	1.6	39
20	Distributed Algorithms for the Operator Placement Problem. IEEE Transactions on Computational Social Systems, 2015, 2, 182-196.	4.4	8
21	An Approach for Map-Matching Strategy of GPS-Trajectories Based on the Locality of Road Networks. Lecture Notes in Computer Science, 2015, , 234-246.	1.3	5
22	Single and Group Agent Migration: Algorithms, Bounds, and Optimality Issues. IEEE Transactions on Computers, 2014, 63, 3143-3161.	3.4	9
23	Survey on Grid Resource Allocation Mechanisms. Journal of Grid Computing, 2014, 12, 399-441.	3.9	63
24	A comparative study on resource allocation and energy efficient job scheduling strategies in large-scale parallel computing systems. Cluster Computing, 2014, 17, 1349-1367.	5.0	35
25	Distributed Online Algorithms for the Agent Migration Problem in WSNs. Mobile Networks and Applications, 2013, 18, 622-638.	3.3	7
26	On minimizing the resource consumption of cloud applications using process migrations. Journal of Parallel and Distributed Computing, 2013, 73, 1690-1704.	4.1	27
27	A Comparative Study of Job Scheduling Strategies in Large-Scale Parallel Computational Systems. , 2013, , .		11