Nikos Tziritas

List of Publications by Year
in descending order

27 papers	667 citations	933447 10 h-index	713466 21 g-index
28 all docs	28 docs citations	28 times ranked	756 citing authors

#	Article	IF	Citations
1	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
2	Survey on Grid Resource Allocation Mechanisms. Journal of Grid Computing, 2014, 12, 399-441.	3.9	63
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	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
5	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
6	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
7	On minimizing the resource consumption of cloud applications using process migrations. Journal of Parallel and Distributed Computing, 2013, 73, 1690-1704.	4.1	27
8	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
9	The Next Generation Cognitive Security Operations Center: Network Flow Forensics Using Cybersecurity Intelligence. Big Data and Cognitive Computing, 2018, 2, 35.	4.7	22
10	Energy and communication aware task mapping for MPSoCs. Journal of Parallel and Distributed Computing, 2018, 121, 71-89.	4.1	12
11	A Comparative Study of Job Scheduling Strategies in Large-Scale Parallel Computational Systems. , 2013, , .		11
12	Slice-based parallelization in HEVC encoding: Realizing the potential through efficient load balancing. , 2016, , .		10
13	Single and Group Agent Migration: Algorithms, Bounds, and Optimality Issues. IEEE Transactions on Computers, 2014, 63, 3143-3161.	3.4	9
14	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
15	Online Inter-Datacenter Service Migrations. IEEE Transactions on Cloud Computing, 2020, 8, 1054-1068.	4.4	9
16	Distributed Algorithms for the Operator Placement Problem. IEEE Transactions on Computational Social Systems, 2015, 2, 182-196.	4.4	8
17	Distributed Online Algorithms for the Agent Migration Problem in WSNs. Mobile Networks and Applications, 2013, 18, 622-638.	3.3	7
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	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
20	Energy efficient VM scheduling strategies for HPC workloads in cloud data centers. Sustainable Computing: Informatics and Systems, 2019, 24, 100352.	2.2	5
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	A Communication-Aware Energy-Efficient Graph-Coloring Algorithm for VM Placement in Clouds. , 2018, , .		4
23	A framework for scheduling the encoding of multiple smart user videos. , 2016, , .		3
24	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
25	Server Consolidation in Cloud Computing. , 2018, , .		3
26	Evaluation of Heterogeneous Scheduling Algorithms for Wavefront and Tile Parallelism in Video Coding. Lecture Notes in Computer Science, 2019, , 16-27.	1.3	0
27	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