Shreshth Tuli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8598359/publications.pdf

Version: 2024-02-01

22	1,674	758635 12	839053 18
papers	citations	h-index	g-index

24	24	24	1465
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic Scheduling for Stochastic Edge-Cloud Computing Environments Using A3C Learning and Residual Recurrent Neural Networks. IEEE Transactions on Mobile Computing, 2022, 21, 940-954.	3.9	103
2	COSCO: Container Orchestration Using Co-Simulation and Gradient Based Optimization for Fog Computing Environments. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 101-116.	4.0	52
3	HUNTER: AI based holistic resource management for sustainable cloud computing. Journal of Systems and Software, 2022, 184, 111124.	3.3	33
4	GOSH: Task Scheduling Using Deep Surrogate Models in Fog Computing Environments. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2821-2833.	4.0	14
5	SplitPlace. Performance Evaluation Review, 2022, 49, 63-65.	0.4	3
6	PreGAN: Preemptive Migration Prediction Network for Proactive Fault-Tolerant Edge Computing. , 2022, , .		18
7	Dynamic Shift from Cloud Computing to Industry 4.0: Eco-Friendly Choice or Climate Change Threat. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 275-293.	0.5	3
8	iGateLink: A Gateway Library for Linking IoT, Edge, Fog, and Cloud Computing Environments. Smart Innovation, Systems and Technologies, 2021, , 11-19.	0.5	6
9	START: Straggler Prediction and Mitigation for Cloud Computing Environments using Encoder LSTM Networks. IEEE Transactions on Services Computing, 2021, , 1-1.	3.2	8
10	MCDS: AI Augmented Workflow Scheduling in Mobile Edge Cloud Computing Systems. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	4.0	12
11	HealthFog: An ensemble deep learning based Smart Healthcare System for Automatic Diagnosis of Heart Diseases in integrated IoT and fog computing environments. Future Generation Computer Systems, 2020, 104, 187-200.	4.9	391
12	Next generation technologies for smart healthcare: challenges, vision, model, trends and future directions. Internet Technology Letters, 2020, 3, e145.	1.4	77
13	iThermoFog: IoTâ€Fog based automatic thermal profile creation for cloud data centers using artificial intelligence techniques. Internet Technology Letters, 2020, 3, e198.	1.4	15
14	AVAC: A Machine Learning Based Adaptive RRAM Variability-Aware Controller for Edge Devices. , 2020, , .		4
15	Predicting the growth and trend of COVID-19 pandemic using machine learning and cloud computing. Internet of Things (Netherlands), 2020, 11, 100222.	4.9	310
16	Shared data-aware dynamic resource provisioning and task scheduling for data intensive applications on hybrid clouds using Aneka. Future Generation Computer Systems, 2020, 106, 595-606.	4.9	17
17	ThermoSim: Deep learning based framework for modeling and simulation of thermal-aware resource management for cloud computing environments. Journal of Systems and Software, 2020, 166, 110596.	3.3	35
18	Transformative effects of IoT, Blockchain and Artificial Intelligence on cloud computing: Evolution, vision, trends and open challenges. Internet of Things (Netherlands), 2019, 8, 100118.	4.9	242

#	Article	IF	Citations
19	FogBus: A Blockchain-based Lightweight Framework for Edge and Fog Computing. Journal of Systems and Software, 2019, 154, 22-36.	3.3	265
20	APEX: Adaptive Ext4 File System for Enhanced Data Recoverability in Edge Devices. , 2019, , .		1
21	EdgeLens: Deep Learning based Object Detection in Integrated IoT, Fog and Cloud Computing Environments. , 2019, , .		42
22	REAL. Transactions on Embedded Computing Systems, 2019, 18, 1-24.	2.1	2