Amin Ebrahimzadeh

List of Publications by Year
in descending order

27 papers	421 citations	840776 11 h-index	752698 20 g-index
29 all docs	29 docs citations	29 times ranked	337 citing authors

#	Article	IF	Citations
1	Ensuring Energy Efficiency When Dynamically Assigning Tasks in Virtualized Wireless Sensor Networks. IEEE Transactions on Green Communications and Networking, 2022, 6, 613-628.	5.5	8
2	The Art of 6G (TAO 6G): how to wire Society 5.0 [Invited]. Journal of Optical Communications and Networking, 2022, 14, A101.	4.8	27
3	Ensuring Profit and QoS When Dynamically Embedding Delay-Constrained ICN and IP Slices for Content Delivery. IEEE Transactions on Network Science and Engineering, 2022, 9, 769-782.	6.4	4
4	Joint VNF Placement and Scheduling for Latency-Sensitive Services. IEEE Transactions on Network Science and Engineering, 2022, 9, 2432-2449.	6.4	12
5	Automated Concept Drift Handling for Fault Prediction in Edge Clouds Using Reinforcement Learning. IEEE Transactions on Network and Service Management, 2022, 19, 1321-1335.	4.9	5
6	An Unsupervised Machine Learning-based Method for Detection and Explanation of Anomalies in Cloud Environments. , 2022, , .		1
7	A Comprehensive Survey of the Tactile Internet: State-of-the-Art and Research Directions. IEEE Communications Surveys and Tutorials, 2021, 23, 472-523.	39.4	66
8	A Machine Learning Framework for Handling Delayed/Lost Packets in Tactile Internet Remote Robotic Surgery. IEEE Transactions on Network and Service Management, 2021, 18, 4829-4845.	4.9	9
9	A Predictive Framework for Haptic Enabled VR-based Remote Phobia Treatment in Cloud/Fog Environment. , 2021, , .		3
10	The Way of the DAO: Toward Decentralizing the Tactile Internet. IEEE Network, 2021, 35, 190-197.	6.9	11
11	Deep Reinforcement Learning-Based Content Migration for Edge Content Delivery Networks With Vehicular Nodes. IEEE Transactions on Network and Service Management, 2021, 18, 3415-3431.	4.9	11
12	Auto-adaptive Fault Prediction System for Edge Cloud Environments in the Presence of Concept Drift. , 2021, , .		8
13	Trace-Driven Haptic Traffic Characterization for Tactile Internet Performance Evaluation. , 2021, , .		0
14	The Internet of No Things: Making the Internet Disappear and "See the Invisible". IEEE Communications Magazine, 2020, 58, 76-82.	6.1	25
15	Decentralized Coordination of Converged Tactile Internet and MEC Services in H-CRAN Fiber Wireless Networks. Journal of Lightwave Technology, 2020, 38, 4935-4947.	4.6	19
16	Cooperative Computation Offloading in FiWi Enhanced 4G HetNets Using Self-Organizing MEC. IEEE Transactions on Wireless Communications, 2020, 19, 4480-4493.	9.2	20
17	Human-Agent-Robot Task Coordination in FiWi-Based Tactile Internet Infrastructures Using Context- and Self-Awareness. IEEE Transactions on Network and Service Management, 2019, 16, 1127-1142.	4.9	10
18	Distributed cooperative computation offloading in multi-access edge computing fiber–wireless networks. Optics Communications, 2019, 452, 130-139.	2.1	17

#	Article	IF	Citations
19	Delay-Constrained Teleoperation Task Scheduling and Assignment for Human+Machine Hybrid Activities Over FiWi Enhanced Networks. IEEE Transactions on Network and Service Management, 2019, 16, 1840-1854.	4.9	14
20	Towards Immersive Tactile Internet Experiences: Low-Latency FiWi Enhanced Mobile Networks With Edge Intelligence [Invited]. Journal of Optical Communications and Networking, 2019, 11, B10.	4.8	72
21	PLI-Aware Cost Management for Green Backbone All-Optical WDM Networks via Dynamic Topology Optimization. Journal of Optical Communications and Networking, 2018, 10, 785.	4.8	4
22	The Tactile Internet: Automation or Augmentation of the Human?. IEEE Access, 2018, 6, 41607-41618.	4.2	45
23	QoS aware green routing and wavelength assignment in core WDM networks. Journal of Network and Computer Applications, 2015, 53, 1-13.	9.1	7
24	Request differentiation in dynamic light-path establishment for WDM routed all optical networks of data centers. Optical Fiber Technology, 2015, 21, 73-80.	2.7	5
25	On-Demand Video Streaming Schemes Over Shared-WDM-PONs. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1577-1588.	8.3	1
26	Binary quadratic programming formulation for routing and wavelength assignment problem in all-optical WDM networks. Optical Switching and Networking, 2013, 10, 354-365.	2.0	12
27	Learning EPON Delay Models From Data: A Machine Learning Approach. Journal of Optical Communications and Networking, 0, , .	4.8	5