Zhi-shu Shen

List of Publications by Year
in descending order

21	118	1684188	1474206
papers	citations	5	9
		h-index	g-index

21	21	21	131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Achieving Democracy in Edge Intelligence: A Fog-Based Collaborative Learning Scheme. IEEE Internet of Things Journal, 2021, 8, 2751-2761.	8.7	23
2	When RSSI encounters deep learning: An area localization scheme for pervasive sensing systems. Journal of Network and Computer Applications, 2021, 173, 102852.	9.1	18
3	ICCF: An Information-Centric Collaborative Fog Platform for Building Energy Management Systems. IEEE Access, 2019, 7, 40402-40415.	4.2	12
4	A novel elastic optical path network that utilizes bitrate-specific anchored frequency slot arrangement. Optics Express, 2014, 22, 3169.	3.4	9
5	ICN-Fog: An Information-Centric Fog-to-Fog Architecture for Data Communications. , 2017, , .		9
6	A Novel Semi-flexible Grid Optical Path Network That Utilizes Aligned Frequency Slot Arrangement. , 2013, , .		8
7	Integrity Enhancement of Flexible/Semi-Flexible Grid Networks That Minimizes Disruption in Spectrum Defragmentation and Bitrate-Dependent Blocking. Journal of Optical Communications and Networking, 2015, 7, 235.	4.8	7
8	In-network Self-Learning Algorithms for BEMS Through a Collaborative Fog Platform. , 2018, , .		7
9	Effectiveness of Wavelength/Waveband Conversion and Its Allowable Cost Bound for Hierarchical Optical Path Networks. Journal of Optical Communications and Networking, 2013, 5, 1262.	4.8	4
10	ESDA: An Energy-Saving Data Analytics Fog Service Platform. Lecture Notes in Computer Science, 2019, , 171-185.	1.3	4
11	Development of Energy-efficient Sensor Networks by Minimizing Sensors Numbers with a Machine Learning Model. , 2018, , .		3
12	A Novel Routing and Frequency Slot Assignment Scheme that Can Adapt to Transmission Speed Migration. , 2015, , .		3
13	Data-Driven Edge Computing: A Fabric for Intelligent Building Energy Management Systems. IEEE Industrial Electronics Magazine, 2022, 16, 44-52.	2.6	3
14	Design of hierarchical optical path networks that utilize wavelength conversion and evaluation of the allowable cost bound. , 2011, , .		2
15	An efficient heuristic waveband assignment algorithm for hierarchical optical path networks utilizing wavelength convertors. Optical Switching and Networking, 2013, 10, 54-61.	2.0	2
16	A Democratically Collaborative Learning Scheme for Fog-enabled Pervasive Environments. , 2020, , .		2
17	An Efficient Data Processing Scheme for Wireless Sensor Network Monitoring Using a Machine Learning Model. , 2018, , .		1
18	Disruption Minimized Spectrum Defragmentation and Equalization of Bitrate Dependent Blocking in Semi-flexible Grid Networks. , 2014, , .		1

#	Article	IF	Citations
19	C2P2: Content-Centric Privacy Platform for Privacy-Preserving Monitoring Services. , 2019, , .		0
20	Energy-Efficient Activation/Inactivation Strategy for Long-term IoT Network Operation. , 2019, , .		0
21	LESAR: Localization System for Environmental Sensors using Augmented Reality. , 2020, , .		0