Feng Tian

List of Publications by Year
in descending order

36 papers	218 citations	1684188 5 h-index	1281871 11 g-index
36 all docs	36 docs citations	36 times ranked	323 citing authors

#	Article	IF	Citations
1	A Gridless DOA Estimation Method Based on Convolutional Neural Network With Toeplitz Prior. IEEE Signal Processing Letters, 2022, 29, 1247-1251.	3.6	19
2	Optimization on Cooperative Communications Based on Network Coding in Multi-hop Wireless Networks. , 2020, , .		9
3	Energy Efficiency Optimization in Heterogeneous Networks Based on Deep Reinforcement Learning. , 2020, , .		6
4	Secure Virtual Resource Allocation in Heterogeneous Networks for Intelligent Transportation. , 2020, , .		1
5	NoViSec: Novel Virtual Network Mapping Framework for Secure Software-Defined Networking. , 2020, , .		4
6	Predicted Decoupling for Coexistence Between WiFi and LTE in Unlicensed Band. IEEE Transactions on Vehicular Technology, 2020, 69, 4130-4141.	6.3	11
7	Fog Node Selection for Low Latency Communication and Anomaly Detection in Fog Networks. , 2019, , .		10
8	Optimal Group Paging Frequency for Machine-to-Machine Communications in LTE Networks With Contention Resolution. IEEE Internet of Things Journal, 2019, 6, 10534-10545.	8.7	5
9	Image recovery and recognition: a combining method of matrix norm regularisation. IET Image Processing, 2019, 13, 1246-1253.	2.5	5
10	Efficient Virtualized Resources Allocation in Network Virtualization Environment: A Service Oriented Perspective. , 2019, , .		3
11	Location-Fair Based mmWave Stable Beamforming Scheme for High Speed Railway. , 2019, , .		3
12	A Study on Service Oriented Resource Allocation in Virtualization Environment. , 2019, , .		3
13	QoE Optimization for Traffic Offloading from LTE to WiFi. , 2019, , .		2
14	Relay Cooperation Enhanced Backscatter Communication for Internet-of-Things. IEEE Internet of Things Journal, 2019, 6, 2860-2871.	8.7	67
15	On Full Duplex Scheduling for Energy Efficiency Maximization in Multi-Hop Wireless Networks. IEEE Access, 2018, 6, 2604-2614.	4.2	5
16	Secrecy Rate Optimization in Wireless Multi-Hop Full Duplex Networks. IEEE Access, 2018, 6, 5695-5704.	4.2	22
17	Energyâ€efficient power allocation for multiâ€user MIMO systems with GZI precoding. International Journal of Communication Systems, 2018, 31, e3434.	2.5	3
18	Optimization for Demand Side Management with PAR in Smart Building. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Integrating Distributed Grids With Green Cellular Backhaul: From Competition to Cooperation. IEEE Access, 2018, 6, 75798-75812.	4.2	6
20	Energy-Efficient Resource Allocation for Wireless-Powered Backscatter Communication Networks. , 2018, , .		4
21	User Clustering for Wireless Powered Communication Networks with Non-Orthogonal Multiple Access. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 1146-1150.	0.3	2
22	The Role of Video Coding in D2D Communications. , 2017, , .		4
23	Distributed renewable energy allocation for cellular backhaul with price sensitive users. , 2017, , .		1
24	An Improved KNN Algorithm Based on Minority Class Distribution for Imbalanced Dataset. , 2016, , .		12
25	Smart Health Service System: Objectives, Framework and Solution. , 2016, , .		0
26	Energy-saving cross-layer optimization for multihop cognitive networks. , 2016, , .		0
27	Cooperative power minimization for the coexistence of heterogeneous multi-hop networks. , 2016, , .		1
28	System performance analysis of low-altitude relay networks. , 2013, , .		0
29	An ECG detection algorithm using wavelet and autocorrelation transform. , 2013, , .		1
30	A capacity-aware cross-layer QoS optimization scheme for wireless multimedia networks. , 2011, , .		0
31	Analysis of the stability of recirculating frequency shifter used as a multi-tone wideband light source for Tb/s multi-carrier optical transmission. , 2010, , .		2
32	The implementation of a novel electronical compensation scheme for adaptive PMD compensator. , 2010, , .		1
33	Optimizing the Operation of $\hbox{LiNbO}_{3}$-Based Multistage Polarization Controllers Through an Adaptive Algorithm. IEEE Photonics Journal, 2010, 2, 195-202.	2.0	3
34	An experiment of de-multiplexing for polarization division multiplexing system by PSO algorithm. , 2010, , .		0
35	Analysis on the structure and electrical property of PI/MWNTs films. , 2009, , .		2
36	Effects of inorganic components on aggregate structure of the PI/SiO$_2$ hybrid film. , 2009, , .		0