Fei Tong

List of Publications by Year
in descending order

44 papers	439 citations	840776 11 h-index	839539 18 g-index
44 all docs	44 docs citations	44 times ranked	561 citing authors

#	Article	IF	Citations
1	Throughput Modeling and Analysis of Random Access in Narrowband Internet of Things. IEEE Internet of Things Journal, 2018, 5, 1485-1493.	8.7	51
2	A Geometrical-Based Throughput Bound Analysis for Device-to-Device Communications in Cellular Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 100-110.	14.0	37
3	On Positioning Performance for the Narrow-Band Internet of Things: How Participating eNBs Impact?. IEEE Transactions on Industrial Informatics, 2019, 15, 423-433.	11.3	28
4	Enhancing Energy Efficiency via Cooperative MIMO in Wireless Sensor Networks: State of the Art and Future Research Directions. , 2017, 55, 47-53.		25
5	Detecting the Dangerous Area of Toxic Gases with Wireless Sensor Networks. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 137-147.	4.6	24
6	One Handshake Can Achieve More: An Energy-Efficient, Practical Pipelined Data Collection for Duty-Cycled Sensor Networks. IEEE Sensors Journal, 2016, 16, 3308-3322.	4.7	23
7	A Probabilistic Distance-Based Modeling and Analysis for Cellular Networks With Underlaying Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2017, 16, 451-463.	9.2	22
8	A Cross-Layer Duty Cycle MAC Protocol Supporting a Pipeline Feature for Wireless Sensor Networks. Sensors, 2011, 11, 5183-5201.	3.8	18
9	P-MAC: A Cross-Layer Duty Cycle MAC Protocol Towards Pipelining for Wireless Sensor Networks. , 2011, , .		17
10	Random-to-Random Nodal Distance Distributions in Finite Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10070-10083.	6.3	17
11	Disaster Management and Response for Modern Cellular Networks Using Flow-Based Multi-Hop Device-to-Device Communications. , 2016, , .		16
12	Modeling and Analyzing Duty-Cycling Pipelined-Scheduling MAC for Linear Sensor Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2608-2620.	6.3	15
13	Resilient Privacy-Preserving Distributed Localization Against Dishonest Nodes in Internet of Things. IEEE Internet of Things Journal, 2020, 7, 9214-9223.	8.7	15
14	Secrecy Enhancing of SSK Systems for IoT Applications in Smart Cities. IEEE Internet of Things Journal, 2021, 8, 6385-6392.	8.7	12
15	Performance analysis for two-tier cellular systems based on probabilistic distance models. , 2015, , .		11
16	A Pipelined-forwarding, Routing-integrated and effectively-Identifying MAC for large-scale WSN. , 2013, , .		9
17	ADC: an Adaptive Data Collection Protocol with Free Addressing and Dynamic Duty-Cycling for Sensor Networks. Mobile Networks and Applications, 2017, 22, 983-994.	3.3	9
18	Modeling and Analysis for Data Collection in Duty-Cycled Linear Sensor Networks With Pipelined-Forwarding Feature. IEEE Internet of Things Journal, 2019, 6, 9489-9502.	8.7	9

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19	Precise editing of FGFR3-TACC3 fusion genes with CRISPR-Cas13a in glioblastoma. Molecular Therapy, 2021, 29, 3305-3318.	8.2	9
20	Distance Distributions in Finite Ad Hoc Networks: Approaches, Applications, and Directions. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 167-179.	0.3	9
21	An IRS-Aided GSSK Scheme for Wireless Communication System. IEEE Communications Letters, 2022, 26, 1398-1402.	4.1	9
22	Dynamically constructing and maintaining virtual access points in a macro cell with selfish nodes. Journal of Systems and Software, 2015, 108, 1-22.	4.5	7
23	Modeling and Analyzing Single Anchor Localization for Internet of Things. , 2019, , .		7
24	Performance Analysis of Energy Savings according to Traffic Patterns in Ethernet with Rate Adaptation. , 2010, , .		6
25	RDCPF: A Redundancy-Based Duty-Cycling Pipelined-Forwarding MAC for Linear Sensor Networks. Sensors, 2020, 20, 5608.	3.8	6
26	A Privacy-Preserving Authentication Scheme for VANETs based on Consortium Blockchain. , 2020, , .		6
27	A Lightweight Authentication Scheme Based on Consortium Blockchain for Cross-Domain IoT. Security and Communication Networks, 2022, 2022, 1-15.	1.5	5
28	A Tractable Analysis of Positioning Fundamentals in Low-Power Wide Area Internet of Things. IEEE Transactions on Vehicular Technology, 2019, 68, 7024-7034.	6.3	4
29	A Data-Gathering, Dynamic Duty-Cycling MAC Protocol for Large-Scale Wireless Sensor Networks. Sensors, 2020, 20, 4071.	3.8	3
30	A Novel Single Anchor Localization Mechanism Employing Target Movement. , 2019, , .		2
31	Bi-Objective Workflow Scheduling on Heterogeneous Computing Systems Using a Memetic Algorithm. Electronics (Switzerland), 2021, 10, 209.	3.1	2
32	A simulation study of neighborhood discovery algorithm in Free Space Optical Sensor Networks. , 2010, , .		1
33	A reconfigurable routing protocol for free space optical sensor network. , 2011, , .		1
34	Distance Distribution-Based Modeling and Analysis for Pipelined-Forwarding Sensor Networks. , 2017, , .		1
35	Media Access Control for Narrowband Internet of Things: A Survey. , 2020, , 795-799.		1
36	EPDC: An Enhanced Pipelined Data Collection MAC for Duty-Cycled Linear Sensor Networks. , 2020, , .		1

#	Article	IF	Citations
37	Distance distribution between two random points in arbitrary polygons. Mathematical Methods in the Applied Sciences, 2022, 45, 2760-2775.	2.3	1
38	An Energy Considered Routing Protocol of Free Space Optical Sensor Network. , 2011, , .		0
39	Media Access Control for Narrowband Internet of Things: A Survey. , 2018, , 1-4.		0
40	A variable neighborhood search algorithm for energy conscious task scheduling in heterogeneous computing systems. Concurrency Computation Practice and Experience, 2021, 33, e6456.	2.2	0
41	MPDC: A Multi-channel Pipelined Data Collection MAC for Duty-Cycled Linear Sensor Networks. Lecture Notes in Computer Science, 2021, , 550-562.	1.3	0
42	Random Distance Distribution. , 2018, , 1-4.		0
43	Random Distance Distribution. , 2020, , 1175-1179.		0
44	Security Performance Analysis forÂCellular Mobile Communication System withÂRandomly-Located Eavesdroppers. Lecture Notes in Computer Science, 2022, , 479-493.	1.3	0