Yuyang Peng

List of Publications by Year
in descending order

26 papers	521 citations	840585 11 h-index	677027 22 g-index
26 all docs	26 docs citations	26 times ranked	547 citing authors

#	Article	IF	Citations
1	Layered Orthogonal Frequency Division Multiplexing With Index Modulation. IEEE Systems Journal, 2019, 13, 3793-3802.	2.9	98
2	Mobile Edge Assisted Literal Multi-Dimensional Anomaly Detection of In-Vehicle Network Using LSTM. IEEE Transactions on Vehicular Technology, 2019, 68, 4275-4284.	3.9	63
3	Three Dynamic Pricing Schemes for Resource Allocation of Edge Computing for IoT Environment. IEEE Internet of Things Journal, 2020, 7, 4292-4303.	5.5	54
4	Generalized Quadrature Spatial Modulation and its Application to Vehicular Networks With NOMA. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4030-4039.	4.7	49
5	Low-Complexity Detection for Index Modulation Multiple Access. IEEE Wireless Communications Letters, 2020, , 1-1.	3.2	41
6	Cognitive Radio Network Assisted by OFDM With Index Modulation. IEEE Transactions on Vehicular Technology, 2020, 69, 1106-1110.	3.9	38
7	Enhancing Energy Efficiency via Cooperative MIMO in Wireless Sensor Networks: State of the Art and Future Research Directions. , 2017, 55, 47-53.		25
8	A Cooperative Transmission Strategy for Body-Area Networks in Healthcare Systems. IEEE Access, 2016, 4, 9155-9162.	2.6	22
9	Energy-efficient cooperative transmission for intelligent transportation systems. Future Generation Computer Systems, 2019, 94, 634-640.	4.9	20
10	A New Cooperative MIMO Scheme Based on SM for Energy-Efficiency Improvement in Wireless Sensor Network. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	14
11	Joint Selection for Cooperative Spectrum Sensing in Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 7837-7838.	2.4	14
12	Secrecy Enhancing of SSK Systems for IoT Applications in Smart Cities. IEEE Internet of Things Journal, 2021, 8, 6385-6392.	5.5	12
13	An energy-efficient cooperative MIMO transmission with data compression in wireless sensor networks. IEEJ Transactions on Electrical and Electronic Engineering, 2015, 10, 729-730.	0.8	10
14	Design and Optimization for Energy-Efficient Cooperative MIMO Transmission in Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	3.9	9
15	An IRS-Aided GSSK Scheme for Wireless Communication System. IEEE Communications Letters, 2022, 26, 1398-1402.	2.5	9
16	Lifetime and energy optimization in multiâ€hop wireless sensor networks with spatial modulation based cooperative MIMO. IEEJ Transactions on Electrical and Electronic Engineering, 2015, 10, 731-732.	0.8	8
17	A MISO model for power consumption in virtualized servers. Cluster Computing, 2015, 18, 847-863.	3.5	7
18	Enhanced Index Modulated OFDM Spread Spectrum. IEEE Access, 2018, 6, 71028-71037.	2.6	7

#	Article	IF	Citations
19	Secrecy enhancing for space shift keyingâ€based communication systems. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 1702-1704.	0.8	6
20	LPC $$_mathrm{FreqSchd}$$ FreqSchd : A local power controller using the frequency scheduling approach for virtualized servers. Cluster Computing, 2016, 19, 663-678.	3.5	4
21	A Tractable Analysis of Positioning Fundamentals in Low-Power Wide Area Internet of Things. IEEE Transactions on Vehicular Technology, 2019, 68, 7024-7034.	3.9	4
22	Cost optimization of distributed data centers via computing workload distribution for next generation network systems. Physical Communication, 2021, 46, 101340.	1.2	3
23	A Novel Cooperative Transmission Scheme in UAV-Assisted Wireless Sensor Networks. Electronics (Switzerland), 2022, 11, 600.	1.8	2
24	Secrecy Enhancement for SSK-Based Visible Light Communication Systems. Electronics (Switzerland), 2022, 11, 1150.	1.8	2
25	Exploiting Energy Efficient Emotion-Aware Mobile Computing. Mobile Networks and Applications, 2017, 22, 1192-1203.	2.2	0
26	Energy-efficiency maximization bidirectional direct and relay transmission. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	1.5	0