Lisu Yu

List of Publications by Year
in descending order

28 papers	451 citations	932766 10 h-index	794141 19 g-index
29 all docs	29 docs citations	29 times ranked	392 citing authors

#	Article	IF	Citations
1	An optimized design of SCMA codebook based on star-QAM signaling constellations. , 2015, , .		73
2	Design and Analysis of SCMA Codebook Based on Star-QAM Signaling Constellations. IEEE Transactions on Vehicular Technology, 2018, 67, 10543-10553.	3.9	69
3	Sparse Code Multiple Access for 6G Wireless Communication Networks: Recent Advances and Future Directions. IEEE Communications Standards Magazine, 2021, 5, 92-99.	3.6	44
4	Citation Intent Classification Using Word Embedding. IEEE Access, 2021, 9, 9982-9995.	2.6	32
5	BER Analysis of SCMA Systems With Codebooks Based on Star-QAM Signaling Constellations. IEEE Communications Letters, 2017, 21, 1925-1928.	2.5	31
6	Massively Distributed Antenna Systems With Nonideal Optical Fiber Fronthauls: A Promising Technology for 6G Wireless Communication Systems. IEEE Vehicular Technology Magazine, 2020, 15, 43-51.	2.8	31
7	Three Passive TDOA-AOA Receivers Based Flying-UAV Positioning in Extreme Environments. IEEE Sensors Journal, 2020, , 1-1.	2.4	27
8	Robust secure UAV relay-assisted cognitive communications with resource allocation and cooperative jamming. Journal of Communications and Networks, 2022, 24, 139-153.	1.8	20
9	Energy Efficient Designs of Ultra-Dense IoT Networks With Nonideal Optical Front-Hauls. IEEE Internet of Things Journal, 2019, 6, 7934-7945.	5.5	15
10	Trajectory design and resource allocation for UAV energy minimization in a rotary-wing UAV-enabled WPCN. AEJ - Alexandria Engineering Journal, 2021, 60, 1787-1796.	3.4	15
11	Design of Power-Imbalanced SCMA Codebook. IEEE Transactions on Vehicular Technology, 2022, 71, 2140-2145.	3.9	12
12	RISâ€assisted secure UAV communications with resource allocation and cooperative jamming. IET Communications, 2022, 16, 1582-1592.	1.5	11
13	An Optimized Design of Irregular SCMA Codebook Based on Rotated Angles and EXIT Chart. , 2016, , .		10
14	A Modulo Function-Based Robust Asymmetric Variable Data Hiding Using DCT. Symmetry, 2020, 12, 1659.	1.1	9
15	Multi-label classification of research articles using Word2Vec and identification of similarity threshold. Scientific Reports, 2021, 11, 21900.	1.6	9
16	Active user and data detection for uplink grant-free NOMA systems. China Communications, 2020, 17, 12-28.	2.0	9
17	Maximizing Spectral Efficiency for SCMA Systems With Codebooks Based on Star-QAM Signaling Constellations. IEEE Wireless Communications Letters, 2019, 8, 1163-1166.	3.2	8
18	Cell Traffic Prediction Based on Convolutional Neural Network for Software-Defined Ultra-Dense Visible Light Communication Networks. Security and Communication Networks, 2021, 2021, 1-10.	1.0	5

#	Article	IF	Citations
19	Virtual Resource Allocation for Mobile Edge Computing: A Hypergraph Matching Approach. , 2019, , .		4
20	TKFIM: Top-K frequent itemset mining technique based on equivalence classes. PeerJ Computer Science, 2021, 7, e385.	2.7	4
21	Wild Animal Information Collection Based on Depthwise Separable Convolution in Software Defined IoT Networks. Electronics (Switzerland), 2021, 10, 2091.	1.8	3
22	Investigating Maps of Science Using Contextual Proximity of Citations Based on Deep Contextualized Word Representation. IEEE Access, 2022, 10, 31397-31419.	2.6	3
23	Hypergraph-Based SCMA Codebook Allocation in User-Centric Ultra-Dense Networks with Machine Learning. , 2019, , .		2
24	Experimental Testing of High-Capacity Bandwidth Efficient Visible Light Communication with Silicon-based RGBY-LED. , 2021, , .		2
25	BBoF v.s. RFoF in Fiber-Wireless Communication Systems. , 2018, , .		1
26	Minimizing Energy Consumptions in User-Centric Ultra-Dense Networks. , 2018, , .		1
27	Performance Analysis of Unmanned Aerial Vehicle Assisted Fiber-based Visible Light Communication System. Journal of Physics: Conference Series, 2022, 2264, 012009.	0.3	1
28	A Novel Visible Light Communication System Based on a SiPM Receiver. Lecture Notes in Electrical Engineering, 2022, , 98-111.	0.3	0