

# Gongliang Liu

## List of Publications by Year in descending order

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38  
papers

359  
citations

1163117

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h-index

839539

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g-index

42  
all docs

42  
docs citations

42  
times ranked

473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Downlink Design for Spectrum Efficient IoT Network. IEEE Internet of Things Journal, 2018, 5, 3397-3404.	8.7	75
2	Super-Modular Game-Based User Scheduling and Power Allocation for Energy-Efficient NOMA Network. IEEE Transactions on Wireless Communications, 2018, 17, 3877-3888.	9.2	50
3	Energy-Efficient Resource Allocation and Trajectory Design for UAV Relaying Systems. IEEE Transactions on Communications, 2020, 68, 6483-6498.	7.8	48
4	UAV-Aided Cooperative Data Collection Scheme for Ocean Monitoring Networks. IEEE Internet of Things Journal, 2021, 8, 13222-13236.	8.7	32
5	Waveform Design of Zero Head DFT Spread Spectral Efficient Frequency Division Multiplexing. IEEE Access, 2017, 5, 16944-16952.	4.2	27
6	UAV-Assisted Data Collection for Ocean Monitoring Networks. IEEE Network, 2020, 34, 250-258.	6.9	20
7	Admission Control and Power Allocation for NOMA-Based Satellite Multi-Beam Network. IEEE Access, 2020, 8, 33631-33643.	4.2	10
8	LUM-HEED: A Location Unaware, Multi-hop routing protocol for Underwater Acoustic Sensor Networks. , 2011, , .		9
9	Bayesian Compressive Sensing Based Optimized Node Selection Scheme in Underwater Sensor Networks. Sensors, 2018, 18, 2568.	3.8	8
10	SE-CAC: A Novel Call Admission Control Scheme for Multi-service IDMA Systems. KSII Transactions on Internet and Information Systems, 2011, , 1049-1068.	0.3	8
11	Physical-Layer Network Coding Based Multi-User Cooperative Relay Transmission With Multi-Antennas in Cognitive Wireless Networks. IEEE Access, 2018, 6, 40189-40197.	4.2	7
12	DNF-SC-PNC: a new physical-layer network coding scheme for two-way relay channels with asymmetric data length. Wireless Networks, 2019, 25, 3727-3734.	3.0	7
13	Corrected Continuous Correlation Filter for Long-Term Tracking. IEEE Access, 2018, 6, 11959-11969.	4.2	6
14	Physical-Layer Network Coding Scheme over Asymmetric Rayleigh Fading Two-Way Relay Channels. Mobile Networks and Applications, 2018, 23, 80-85.	3.3	6
15	Dual-Domain Compressed Sensing Method for Oceanic Environmental Elements Collection with Underwater Sensor Networks. Mobile Networks and Applications, 2018, 23, 272-284.	3.3	4
16	Simultaneous Cooperative Spectrum Sensing and Energy Harvesting in Multi-antenna Cognitive Radio. Mobile Networks and Applications, 2018, 23, 263-271.	3.3	4
17	Performance evaluation and capacity analysis for IDMA-based satellite communication system. , 2011, , .		3
18	Adjustable Observation Window Length Multi-Branch Joint Detector for Cooperative Communication. IEEE Communications Letters, 2015, 19, 859-862.	4.1	3

#	ARTICLE	IF	CITATIONS
19	Low-Complexity Iterative Detection Algorithm for Massive Data Communication in IIoT. IEEE Access, 2018, 6, 11166-11172.	4.2	3
20	The Performance of Physical-Layer Network Coding in Asymmetric Rayleigh Fading Two-Way Relay Channels. Mobile Networks and Applications, 2018, 23, 301-307.	3.3	3
21	Parameters estimation of precession cone target based on micro-Doppler spectrum. Wireless Networks, 2019, 25, 3759-3765.	3.0	3
22	Online Multiple Object Tracking with Recurrent Neural Networks and Appearance Model. , 2020, , .		3
23	Call admission control scheme for IDMA-based multi-beam satellite systems in the downlink direction. , 2011, , .		2
24	A novel MAC protocol for IDMA-based multi-beam satellite communication systems. International Journal of Communication Systems, 2014, 27, 4038-4058.	2.5	2
25	Research on coverage and link of multi-layer Satellite Network based on STK. , 2015, , .		2
26	A quantitative attribute-based benchmark methodology for single-target visual tracking. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 405-421.	2.6	2
27	Long-Term Object Tracking Method Based on Dimensionality Reduction. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 529-536.	0.3	2
28	Information Acquisition with Compressed Sensing Multiuser Detection in Underwater Sensor Networks. , 2013, , .		1
29	Adaptive coded modulation based on LDPC codes. , 2015, , .		1
30	Exploiting Interference for Intelligent Relaying in Integrated Space and Terrestrial Networks Based on PNC and SIC. Mobile Networks and Applications, 2019, 24, 1947-1954.	3.3	1
31	A Joint Scheduling Scheme for Relay-Involved D2D Communications in Cellular Systems. , 2019, , .		1
32	Maximum Rate Based Relay Selection and Power Allocation Method for Relay Satellite Networks. , 2021, , .		1
33	On Relay Selection for Relay-Assisted D2D Communications with Adaptive Modulation and Coding in Cellular Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 127-143.	0.3	1
34	Network Coding-Based Capacity Optimization for Space Dynamic Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 38-50.	0.3	1
35	IDMA-Based MAC Protocol for Satellite Networks with Consideration on Channel Quality. Scientific World Journal, The, 2014, 2014, 1-16.	2.1	0
36	A signal-to-noise ratio based multiple thresholds cooperative spectrum sensing scheme. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	A fixed dataflow sub-lattice based parallel reduction algorithm for MIMO detection. , 2015, , .		0
38	Scale adaptive correlation tracking based on convolutional features. Wireless Networks, 2019, 25, 3715-3725.	3.0	0