

Jianhang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

163
citations

1307594

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h-index

1372567

10
g-index

40
all docs

40
docs citations

40
times ranked

172
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A secure multi-path transmission algorithm based on fountain codes. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4450. | 3.9 | 2 |
| 2 | Doppler estimation based on linear interpolation for underwater acoustic communication. Transactions on Emerging Telecommunications Technologies, 2022, 33, . | 3.9 | 1 |
| 3 | A Self-Healing Routing Strategy Based on Ant Colony Optimization for Vehicular Ad Hoc Networks. IEEE Internet of Things Journal, 2022, 9, 22695-22708. | 8.7 | 7 |
| 4 | A Non-Data-Aided Feedforward Timing Estimator Based on Multiple Cyclic Correlations for Short-Term Burst Signals. IEEE Communications Letters, 2022, 26, 2166-2169. | 4.1 | 2 |
| 5 | Indoor Wi-Fi Positioning Algorithm Based on Location Fingerprint. Mobile Networks and Applications, 2021, 26, 146-155. | 3.3 | 9 |
| 6 | Improved simultaneous localization and mapping algorithm combined with semantic segmentation model. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110141. | 2.2 | 1 |
| 7 | An interference alignment scheme based on limited feedback with differentiation in heterogeneous networks. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4375. | 3.9 | 0 |
| 8 | The interference alignment scheme based on subspace differentiation for multicell multiuser multiple-input-multiple-output uplink channels. Transactions on Emerging Telecommunications Technologies, 2021, 32, . | 3.9 | 3 |
| 9 | FMR Low-light Tomato Image Enhancement Algorithm Based on Optimized Homomorphic Filter. , 2021, , . | | 0 |
| 10 | Low-Complexity DOA Estimation Based on Constraint Solution Space. Wireless Personal Communications, 2020, 111, 2435-2447. | 2.7 | 0 |
| 11 | Relative-path-based algorithm for link prediction on complex networks using a basic similarity factor. Chaos, 2020, 30, 013104. | 2.5 | 16 |
| 12 | A reliable nonfeedback transmission mechanism for asymmetric channels based on machine learning. Transactions on Emerging Telecommunications Technologies, 2020, 31, e4091. | 3.9 | 1 |
| 13 | Partial Interference Alignment Scheme for Three-Tier Downlink Heterogeneous Networks. IEEE Access, 2020, 8, 155602-155610. | 4.2 | 5 |
| 14 | A Routing Algorithm Based on Real-Time Information Traffic in Sparse Environment for VANETs. Sensors, 2020, 20, 7018. | 3.8 | 5 |
| 15 | Adaptive Density Graph-Based Manifold Alignment for Fingerprinting Indoor Localization. IEEE Access, 2020, 8, 4944-4953. | 4.2 | 3 |
| 16 | MCSM-Wri: A Small-Scale Motion Recognition Method Using WiFi Based on Multi-Scale Convolutional Neural Network. Sensors, 2019, 19, 4162. | 3.8 | 2 |
| 17 | Service-Differentiation-Based Limited Feedback Scheme for Interference Alignment. IEEE Communications Letters, 2019, 23, 486-489. | 4.1 | 4 |
| 18 | Adaptive Strategy of General Centralized Feedback Model for Interference Alignment in Asymmetric Interference Networks. IEEE Transactions on Communications, 2019, 67, 2517-2526. | 7.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Method to Improve the Positioning Accuracy of Vehicular Nodes Using IEEE 802.11p Protocol. IEEE Access, 2018, 6, 2834-2843. | 4.2 | 4 |
| 20 | MCTS: Multi-Channel Transmission Simultaneously Using Non-Feedback Fountain Code. IEEE Access, 2018, 6, 58373-58382. | 4.2 | 7 |
| 21 | A Low-Latency Simplified Successive Cancellation Decoder for Polar Codes Based on Node Error Probability. IEEE Communications Letters, 2018, 22, 2439-2442. | 4.1 | 11 |
| 22 | Similarity-based future common neighbors model for link prediction in complex networks. Scientific Reports, 2018, 8, 17014. | 3.3 | 20 |
| 23 | Directional Monitoring of Multiple Moving Targets by Multiple Unmanned Aerial Vehicles. , 2017, , . | | 10 |
| 24 | A Reused-Public-Path Successive Cancellation List Decoding for Polar Codes With CRC. IEEE Communications Letters, 2017, 21, 2566-2569. | 4.1 | 3 |
| 25 | A Novel Joint Power and Feedback Bit Allocation Interference Alignment Scheme for Wireless Sensor Networks. Sensors, 2017, 17, 563. | 3.8 | 3 |
| 26 | A Novel Modification of PSO Algorithm for SML Estimation of DOA. Sensors, 2016, 16, 2188. | 3.8 | 10 |
| 27 | A Cooperative Downloading Method for VANET Using Distributed Fountain Code. Sensors, 2016, 16, 1685. | 3.8 | 4 |
| 28 | A Kalman gain modify algorithm based on BP neural network. , 2016, , . | | 2 |
| 29 | A JPSO algorithm for SML estimation of DOA. , 2016, , . | | 1 |
| 30 | A balanced cooperative downloading method for VANET. , 2016, , . | | 1 |
| 31 | NavS: Smartphones based indoor navigation design. , 2015, , . | | 0 |
| 32 | PSO algorithm for exact Stochastic ML estimation of DOA for incoherent signals. , 2015, , . | | 3 |
| 33 | A novel scheme for SVAC audio encoder. , 2014, , . | | 0 |
| 34 | A low complexity PTS algorithm for PAPR reduction in OFDM system based on hamming distance. , 2014, , . | | 3 |
| 35 | A compensation model of cooperative downloading for vehicular network. Transactions on Emerging Telecommunications Technologies, 2013, 24, 532-543. | 3.9 | 3 |
| 36 | DSRelay: A scheme of cooperative downloading based on dynamic slot. , 2012, , . | | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Cooperative Downloading Strategy on Highway Scenario. , 2012, , . | | 4 |
| 38 | A data distribution scheme for VANET based on fountain code. Journal of Supercomputing, 0, , . | 3.6 | 0 |
| 39 | An adaptive interference alignment scheme based on the dynamic selection of desired transmitters for unmanned ship network. Wireless Networks, 0, , . | 3.0 | 1 |
| 40 | Non-orthogonal multiple access in backscatter communication system under the scene of the moving reader. Transactions on Emerging Telecommunications Technologies, 0, , . | 3.9 | 0 |