

Ling Wang

List of Publications by Year in descending order

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times ranked

832
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Extraction and Mitigation of Radio Frequency Interference Artifacts Based on Time-Series Sentinel-1 SAR Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11. | 6.3 | 7 |
| 2 | Priority-Based Hybrid MAC Protocol for VANET with UAV-Enabled Roadside Units. Wireless Communications and Mobile Computing, 2022, 2022, 1-13. | 1.2 | 2 |
| 3 | Localisation and classification of mixed far-field and near-field sources with sparse reconstruction. IET Signal Processing, 2022, 16, 426-437. | 1.5 | 3 |
| 4 | Time-Division Multiarray Beamforming for UAV Communication. Wireless Communications and Mobile Computing, 2022, 2022, 1-13. | 1.2 | 0 |
| 5 | Sparse Covariance Matrix Reconstruction-Based Nulling Broadening for UAV 2D Antenna Arrays. Wireless Communications and Mobile Computing, 2022, 2022, 1-19. | 1.2 | 0 |
| 6 | A Radio Signal Recognition Approach Based on Complex-Valued CNN and Self-Attention Mechanism. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1358-1373. | 7.9 | 10 |
| 7 | Direction Finding for Bistatic MIMO Radar Using a Sparse Moving Array With Sensor Position Errors. IEEE Wireless Communications Letters, 2022, 11, 1840-1844. | 5.0 | 5 |
| 8 | Localizing GNSS Spoofing Attacks Using Direct Position Determination. IEEE Sensors Journal, 2022, 22, 15323-15333. | 4.7 | 4 |
| 9 | Radio Frequency Interference Signature Detection in Radar Remote Sensing Image Using Semantic Cognition Enhancement Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14. | 6.3 | 5 |
| 10 | Fast radar detection algorithm based on two-dimensional non-uniform trilinear autocorrelation function for manoeuvring target with jerk motion. Electronics Letters, 2021, 57, 451-453. | 1.0 | 0 |
| 11 | Fast radar detection method based on two-dimensional trilinear autocorrelation function for maneuvering target with jerk motion. Journal of Applied Remote Sensing, 2021, 15, . | 1.3 | 1 |
| 12 | A Hybrid Interference Suppression Method Based On Robust Beamforming. , 2021, , . | | 0 |
| 13 | Joint Resource Allocation for Multiuser Opportunistic Beamforming Systems with OFDM-NOMA. Entropy, 2021, 23, 809. | 2.2 | 2 |
| 14 | Direction Finding of Coherent Signals in the Presence of Direction-Dependent Mutual Coupling. , 2021, , . | | 0 |
| 15 | Information-Priority-Oriented Adaptive MAC Protocol for High Dynamic UAV Network. , 2021, 5, 1-4. | | 0 |
| 16 | Automatic Modulation Recognition Based on Adaptive Attention Mechanism and ResNeXt WSL Model. IEEE Communications Letters, 2021, 25, 2953-2957. | 4.1 | 29 |
| 17 | Joint User Scheduling, Relay Selection, and Power Allocation for Multi-Antenna Opportunistic Beamforming Systems. Entropy, 2021, 23, 1278. | 2.2 | 0 |
| 18 | Robust Adaptive Beamforming Based on Interference Covariance Matrix Reconstruction and Steering Vector Estimation. , 2021, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Direct Position Determination in the Presence of Direction-Dependent Mutual Coupling Using a Moving Array. , 2021, , . | | 1 |
| 20 | Security Enhancement of Directional Modulation Scheme Against Hybrid Eavesdroppers. , 2021, , . | | 0 |
| 21 | Attention Mechanism Based ResNeXt Network for Automatic Modulation Classification. , 2021, , . | | 5 |
| 22 | An Efficient Near-Field Localization Method of Coherently Distributed Strictly Non-circular Signals. Sensors, 2020, 20, 5176. | 3.8 | 3 |
| 23 | Multi-Beam Index Modulation With Cooperative Legitimate Users Schemes Based on Frequency Diverse Array. IEEE Transactions on Vehicular Technology, 2020, 69, 11028-11041. | 6.3 | 19 |
| 24 | Signal parameter estimation through hierarchical conjugate gradient least squares applied to tensor decomposition. ETRI Journal, 2020, 42, 922-931. | 2.0 | 2 |
| 25 | Interference Mitigation for Synthetic Aperture Radar Data using Tensor Representation and Low-Rank Approximation. , 2020, , . | | 3 |
| 26 | Effects of Interference on Synthetic Aperture Radar Measurements: An Illustrative Example. , 2020, , . | | 0 |
| 27 | Planar hexagonal broadband near-field antenna for UHF RFID application. IET Microwaves, Antennas and Propagation, 2020, 14, 1573-1579. | 1.4 | 0 |
| 28 | Wideband Interference Suppression for SAR by Time-Frequency-Pulse Joint Domain Processing. , 2020, , . | | 1 |
| 29 | Robust tensor beamforming for polarization sensitive arrays. Multidimensional Systems and Signal Processing, 2019, 30, 727-748. | 2.6 | 6 |
| 30 | DOA and Polarization Parameters Estimation by Exploiting Canonical Polyadic Decomposition of Tensors. Wireless Communications and Mobile Computing, 2019, 2019, 1-12. | 1.2 | 1 |
| 31 | Linear Array Pattern Synthesis Using Multi-Objective Optimization Algorithm Based on Reference Vectors. , 2019, , . | | 0 |
| 32 | Classification and Localization of Mixed Sources after Blind Calibration of Unknown Mutual Coupling. International Journal of Antennas and Propagation, 2019, 2019, 1-13. | 1.2 | 0 |
| 33 | Medium Access Control for Unmanned Aerial Vehicle Based Mission Critical Wireless Sensor Networks in 3D Monitoring Networks. IEEE Access, 2019, 7, 102274-102283. | 4.2 | 5 |
| 34 | Joint Space and Time Processing for Unknown Mutual Coupling Blind Calibration and Mixed Sources Identification Using Uniform Circular Array. Electronics (Switzerland), 2019, 8, 525. | 3.1 | 1 |
| 35 | Sparsity-Inducing DOA Estimation of Coherent Signals Under the Coexistence of Mutual Coupling and Nonuniform Noise. IEEE Access, 2019, 7, 40271-40278. | 4.2 | 22 |
| 36 | Multi-Beam Directional Modulation Synthesis Scheme Based on Frequency Diverse Array. IEEE Transactions on Information Forensics and Security, 2019, 14, 2593-2606. | 6.9 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Analytical approximation of ZF Ricean rate in massive MIMO channels. Electronics Letters, 2019, 55, 224-226. | 1.0 | 1 |
| 38 | DOA Estimation Under Mutual Coupling of Uniform Linear Arrays Using Sparse Reconstruction. IEEE Wireless Communications Letters, 2019, 8, 1004-1007. | 5.0 | 30 |
| 39 | Efficient Cumulant-Based Methods for Joint Angle and Frequency Estimation Using Spatial-Temporal Smoothing. Electronics (Switzerland), 2019, 8, 82. | 3.1 | 3 |
| 40 | Directional modulation based on chaos scrambling and artificial noise for physical layer security enhancement. IET Communications, 2019, 13, 3307-3316. | 2.2 | 2 |
| 41 | Characterization of Terrain Scattered Interference from Space-Borne Active Sensor: A Case Study in Sentinel-1 Image. , 2019, , . | | 3 |
| 42 | A Hybrid PSO-GA Algorithm Based Directional Modulation Technique. , 2019, , . | | 1 |
| 43 | The New C-Shaped Parasitic Strip for the Single-Feed Circularly Polarized (CP) Microstrip Antenna Design. International Journal of Antennas and Propagation, 2019, 2019, 1-9. | 1.2 | 3 |
| 44 | Coherent Signal Parameter Estimation by Exploiting Decomposition of Tensors. Mathematical Problems in Engineering, 2019, 2019, 1-8. | 1.1 | 0 |
| 45 | Symbol separation and beamforming to improve secure transmission in multi-€untrusted relay networks. Electronics Letters, 2018, 54, 252-254. | 1.0 | 4 |
| 46 | Optimal Power Allocation in an Amplify-and-Forward Untrusted Relay Network with Imperfect Channel State Information. Wireless Personal Communications, 2018, 101, 1281-1293. | 2.7 | 6 |
| 47 | Wireless Body Area Networks MAC Protocol For Energy Efficiency and Extending Lifetime. , 2018, 2, 1-4. | | 46 |
| 48 | Artificial-Noise-Aided Secure Transmission for Proximal Legitimate User and Eavesdropper Based on Frequency Diverse Arrays. IEEE Access, 2018, 6, 52531-52543. | 4.2 | 19 |
| 49 | Joint DOA and Polarization Estimation with Two Parallel Sparse Dipole Arrays. Mathematical Problems in Engineering, 2018, 2018, 1-10. | 1.1 | 3 |
| 50 | Direction Finding Algorithm for Noncircular Signals in the Presence of Unknown Mutual Coupling. , 2018, , . | | 0 |
| 51 | Efficient Real-Valued Rank Reduction Algorithm for DOA Estimation of Noncircular Sources Under Mutual Coupling. IEEE Access, 2018, 6, 64450-64460. | 4.2 | 8 |
| 52 | Interference Suppression for SAR Base on Ambiguity Function Iteration Decomposition. , 2018, , . | | 1 |
| 53 | A Compact Unidirectional Radiated Microstrip RFID Tag Antenna. , 2018, , . | | 0 |
| 54 | Accurate Approximation of ZF Massive MIMO Channel Rate With a Finite Antenna Over Ricean Fading Channel. IEEE Access, 2018, 6, 65803-65812. | 4.2 | 4 |

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|----|--|-----|-----------|
| 55 | Energy Efficiency TDMA/CSMA Hybrid Protocol with Power Control for WSN. Wireless Communications and Mobile Computing, 2018, 2018, 1-7. | 1.2 | 20 |
| 56 | Array pattern synthesis by position shift method. , 2017, , . | | 1 |
| 57 | Optimal power allocation for achievable secrecy rate in an untrusted relay network with bounded channel estimation error. , 2017, , . | | 13 |
| 58 | Microstrip antenna array mutual coupling suppression using coupled polarisation transformer. IET Microwaves, Antennas and Propagation, 2017, 11, 1836-1840. | 1.4 | 19 |
| 59 | Narrow-Band Interference Suppression via RPCA-Based Signal Separation in Time-Frequency Domain. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 5016-5025. | 4.9 | 67 |
| 60 | Optimized secure and energy-efficient transmission in an untrusted relay network. , 2017, , . | | 0 |
| 61 | Energy Efficient Cross-Layer Transmission Model for Mobile Wireless Sensor Networks. Mobile Information Systems, 2017, 2017, 1-8. | 0.6 | 10 |
| 62 | Dual-Band RFID Antenna for 0.92GHz Near-Field and 2.45GHz Far-Field Applications. International Journal of Antennas and Propagation, 2017, 2017, 1-9. | 1.2 | 7 |
| 63 | A Robust Method to Suppress Jamming for GNSS Array Antenna Based on Reconstruction of Sample Covariance Matrix. International Journal of Antennas and Propagation, 2017, 2017, 1-12. | 1.2 | 6 |
| 64 | A novel beamforming to improve secrecy rate in a DAJ based untrusted relay network. , 2017, , . | | 1 |
| 65 | Array Pattern Synthesis Using Particle Swarm Optimization with Dynamic Inertia Weight. International Journal of Antennas and Propagation, 2016, 2016, 1-7. | 1.2 | 11 |
| 66 | Broadband Circular Polarizer Based on Multilayer Gradual Frequency Selective Surfaces. International Journal of Antennas and Propagation, 2016, 2016, 1-5. | 1.2 | 8 |
| 67 | Study on Horizontally Polarized Omnidirectional Microstrip Antenna. International Journal of Antennas and Propagation, 2016, 2016, 1-8. | 1.2 | 1 |
| 68 | Mutual coupling reduction of microstrip antenna array by periodic defected ground structures. , 2016, , . | | 15 |
| 69 | Dual-band RFID antenna for near field of 0.93 GHz and far field of 2.45 GHz. , 2016, , . | | 3 |
| 70 | Study of novel antenna radome for circular polarizer and director. Journal of Electromagnetic Waves and Applications, 2016, 30, 651-660. | 1.6 | 1 |
| 71 | Anti-jamming techniques based on digital multi-beam and robust mode control. , 2016, , . | | 0 |
| 72 | Mutual Coupling Reduction by Novel Fractal Defected Ground Structure Bandgap Filter. IEEE Transactions on Antennas and Propagation, 2016, 64, 4328-4335. | 5.1 | 191 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Shaped periodic defected ground structures to reduce microstrip antenna array mutual coupling. Electronics Letters, 2016, 52, 1288-1290. | 1.0 | 105 |
| 74 | A Multichannel Transmitting and Assistant Nodes MAC Protocol for Mobile Ad Hoc Networks. , 2015, , . | | 1 |
| 75 | Mutual coupling efficient analysis of rectangle microstrip circular polarization antenna array. Journal of Electromagnetic Waves and Applications, 2015, 29, 425-435. | 1.6 | 3 |
| 76 | Radiation Efficiency Improvement Method for Multifeed Circular Polarization Antenna Array with Mutual Coupling Effect. International Journal of Antennas and Propagation, 2014, 2014, 1-10. | 1.2 | 2 |
| 77 | A novel circular polarization antenna radome. , 2014, , . | | 0 |
| 78 | Study of a novel circular polarization antenna radome. , 2014, , . | | 0 |
| 79 | A novel digital AGC algorithm based on fault tolerance probability. , 2014, , . | | 0 |
| 80 | Parallel multi-beam adaptive beamformer for GPS receivers. WIT Transactions on Information and Communication Technologies, 2014, , . | 0.0 | 0 |
| 81 | Adaptive noise bandwidth based carrier tracking loop method in navigation receivers. , 2013, , . | | 0 |
| 82 | Robust beamforming for motional interference mitigation in DSSS. , 2013, , . | | 1 |
| 83 | New designed multifunctional handset antenna for GPS and FRS application. , 2013, , . | | 2 |
| 84 | Iterative threshold algorithm for narrow-band interference suppression. , 2013, , . | | 2 |
| 85 | Integrated implementation of fixed-point turbo decoders for LTE system. , 2013, , . | | 0 |
| 86 | Fast acquisition implementation and analysis with multi-channel search on FPGA for GNSS systems. , 2012, , . | | 2 |
| 87 | GPS signal anti-jamming based on dual-polarized antenna array. , 2011, , . | | 12 |
| 88 | Characteristics and Application of a Novel Loop Antenna to UHF RFID Receivers. International Journal of Antennas and Propagation, 2011, 2011, 1-7. | 1.2 | 8 |
| 89 | Conformal Cylindrical Antenna Array for Interference Suppression in Satellite Navigation Systems. , 2011, , 1201-1205. | | 0 |
| 90 | Direction estimation algorithm for wideband monobit receiver. , 2009, , . | | 2 |