

# Jin Li

## List of Publications by Year in descending order

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29  
papers

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citations

840585

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times ranked

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citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Terahertz Imaging Radar With Inverse Aperture Synthesis Techniques: System Structure, Signal Processing, and Experiment Results. <i>IEEE Sensors Journal</i> , 2015, 15, 290-299.                 | 2.4 | 77        |
| 2  | Ceramic filled resin based 3D printed $\epsilon$ -band dual-mode bandpass filter with enhanced thermal handling capability. <i>Electronics Letters</i> , 2016, 52, 1929-1931.                     | 0.5 | 25        |
| 3  | Security Imaging for Multi-Target Screening Based on Adaptive Scene Segmentation With Terahertz Radar. <i>IEEE Sensors Journal</i> , 2019, 19, 2675-2684.   | 2.4 | 24        |
| 4  | Terahertz Wide-Angle Imaging and Analysis on Plane-wave Criteria Based on Inverse Synthetic Aperture Techniques. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016, 37, 373-393. | 1.2 | 20        |
| 5  | Unified Coordinate System Algorithm for Terahertz Video-SAR Image Formation. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2018, 8, 725-735.                                     | 2.0 | 19        |
| 6  | Improved Method of Video Synthetic Aperture Radar Imaging Algorithm. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 897-901.   | 1.4 | 17        |
| 7  | Analysis of Security Imaging Method for Walking Human Screening With Single Channel Synthetic Aperture Radar. <i>IEEE Access</i> , 2019, 7, 111363-111374.  | 2.6 | 14        |
| 8  | A conception on the terahertz communication system for plasma sheath penetration. <i>Wireless Communications and Mobile Computing</i> , 2014, 14, 1252-1258.                                      | 0.8 | 13        |
| 9  | Three-Dimensional Imaging of Terahertz Circular SAR with Sparse Linear Array. <i>Sensors</i> , 2018, 18, 2477.  | 2.1 | 13        |
| 10 | Rear-End Collision Avoidance-Based on Multi-Channel Detection. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 3525-3535.  | 4.7 | 13        |
| 11 | Research on Multiple Sensors Vehicle Detection With EMD-Based Denoising. <i>IEEE Internet of Things Journal</i> , 2019, 6, 6262-6270.   | 5.5 | 12        |
| 12 | A Drone Fleet-Borne SAR Model and Three-Dimensional Imaging Algorithm. <i>IEEE Sensors Journal</i> , 2019, 19, 9178-9186.   | 2.4 | 11        |
| 13 | Joint multistatic THz imaging radars for standoff personnel screening. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.  | 0.6 | 10        |
| 14 | THz Radar Security Screening Method for Walking Human Torso With Multi-Angle Synthetic Aperture. <i>IEEE Sensors Journal</i> , 2021, 21, 17962-17972.   | 2.4 | 7         |
| 15 | Inverse synthetic aperture radar imaging of maneuvering target with distributed high resolution radars. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.                                   | 0.6 | 6         |
| 16 | A SAR Imaging Method for Walking Human Based on $m$ -FrFT-mmGLRT. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-12.   | 2.7 | 4         |
| 17 | Researches for Terahertz Radar's High-Quality Imaging Method Based on the Sub-Aperture. <i>IEEE Sensors Journal</i> , 2021, 21, 7857-7870.  | 2.4 | 3         |
| 18 | Micro-Doppler Signature Feature Analysis in Terahertz Band. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2009, 31, 319.  | 1.2 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Extension of Polar Format Algorithm to CSAR Imaging for Arbitrary Region of Interest. , 2019, , .   |     | 2         |
| 20 | Synthetic Aperture Radar Imaging Response of Three-dimensional Moving Target. , 2019, , .   |     | 2         |
| 21 | An Aperture Adaptive Scale Transform of Terahertz Radar Imaging Algorithm. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-11.        | 2.4 | 2         |
| 22 | High linearity and wide-bandwidth LFMCW generator for THz radar system. , 2013, , .   |     | 1         |
| 23 | Large Bistatic Angle ISAR Imaging via Compressed Sensing. , 2019, , .   |     | 1         |
| 24 | Three-Dimensional Imaging of Drone Fleet Borne Radars Using Frequency-Division Signals. , 2019, , .   |     | 1         |
| 25 | A Novel Motion Compensation Method Based on Height Term Removing for Spotlight SAR on Circular Trajectories. IEEE Sensors Journal, 2020, 20, 2424-2433. | 2.4 | 1         |
| 26 | A Method of Subaperture Division in CSAR Imaging. , 2021, , .   |     | 1         |
| 27 | Simulation of step frequency SAR error compensation. , 2011, , .  |     | 0         |
| 28 | Motion Compensation Algorithm Based on Entropy-Minimization for Terahertz SAR. , 2021, , .  |     | 0         |
| 29 | Target Detection with Distributed Terahertz Sensors. International Journal of Distributed Sensor Networks, 2015, 11, 275676.                            | 1.3 | 0         |