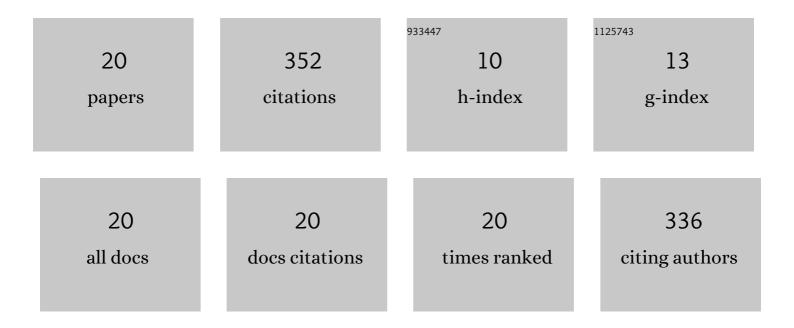
Ming Yam Chua

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Airborne Circularly Polarized Synthetic Aperture Radar. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1676-1692. | 4.9 | 20 |
| 2 | The maiden flight of Hinotori-C: The first C band full polarimetric circularly polarized synthetic aperture radar in the world. IEEE Aerospace and Electronic Systems Magazine, 2019, 34, 24-35. | 1.3 | 11 |
| 3 | Unsupervised PolSAR image classification based on sparse representation. International Journal of Remote Sensing, 2019, 40, 6224-6248. | 2.9 | 0 |
| 4 | 3D Land Mapping and Land Deformation Monitoring Using Persistent Scatterer Interferometry (PSI) ALOS PALSAR: Validated by Geodetic GPS and UAV. IEEE Access, 2018, 6, 12395-12404. | 4.2 | 39 |
| 5 | Earthquake/Tsunami Damage Level Mapping of Urban Areas Using Full Polarimetric SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2296-2309. | 4.9 | 26 |
| 6 | Hinotori-C: A Full Polarimetric C Band Airborne Circularly Polarized Synthetic Aperture Radar for Disaster Monitoring. , 2018, , . | | 1 |
| 7 | An PC-based Airborne SAR Baseband System. , 2018, , . | | 0 |
| 8 | DEVELOPMENT OF A LOW PROFILE WIDE-BANDWIDTH CIRCULARLY POLARIZED MICROSTRIP ANTENNA FOR C-BAND AIRBORNE CP-SAR SENSOR. Progress in Electromagnetics Research C, 2018, 81, 77-88. | 0.9 | 13 |
| 9 | Dual-Band Circularly-Polarized Microstrip Antenna for Nano Satellite. , 2018, , . | | 2 |
| 10 | An 8-Channels FPGA-Based Reconfigurable Chirp Generator for Multi-Band Full Polarimetric Airborne/Spaceborne CP-SAR. , 2018, , . | | 3 |
| 11 | Single Post-Event PolSAR Data Based Earthquake/Tsunami Damage Information Extraction in Urban Areas. , 2018, , . | | 0 |
| 12 | Earthquake/Tsunami Damage Assessment for Urban Areas Using Post-Event PolSAR Data. Remote Sensing, 2018, 10, 1088. | 4.0 | 11 |
| 13 | Phase-Coded Stepped Frequency Linear Frequency Modulated Waveform Synthesis Technique for Low Altitude Ultra-Wideband Synthetic Aperture Radar. IEEE Access, 2017, 5, 11391-11403. | 4.2 | 18 |
| 14 | Development of SAR base-band signal processor using FPGA and onboard PC. , 2014, , . | | 3 |
| 15 | A MINIATURE REAL-TIME RE-CONFIGURABLE RADAR WAVEFORM SYNTHESIZER FOR UAV BASED RADAR. Progress in Electromagnetics Research C, 2012, 31, 169-183. | 0.9 | 6 |
| 16 | A NEW UNMANNED AERIAL VEHICLE SYNTHETIC APERTURE RADAR FOR ENVIRONMENTAL MONITORING. Progress in Electromagnetics Research, 2012, 122, 245-268. | 4.4 | 97 |
| 17 | DESIGN AND DEVELOPMENT OF A C-BAND RF TRANSCEIVER FOR UAVSAR. Progress in Electromagnetics Research C, 2011, 24, 1-12. | 0.9 | 9 |
| 18 | A new data acquisition and processing system for UAVSAR. IEICE Electronics Express, 2011, 8, 1716-1722. | 0.8 | 5 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | SIDELOBES REDUCTION USING SIMPLE TWO AND TRI-STAGES NON LINEAR FREQUENCY MODULATION (NLFM). Progress in Electromagnetics Research, 2009, 98, 33-52. | 4.4 | 37 |
| 20 | FPGA-BASED CHIRP GENERATOR FOR HIGH RESOLUTION UAV SAR. Progress in Electromagnetics Research, 2009, 99, 71-88. | 4.4 | 51 |