Ming Yam Chua

List of Publications by Year
in descending order

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		933447	1125743
20	352	10	13
papers	citations	h-index	g-index

20	20	20	336
all docs	docs citations	times ranked	citing authors

#	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