

Ke Chen

List of Publications by Year in descending order

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274
citing authors

#	ARTICLE	IF	CITATIONS
1	Rank-Full Arrays for 1-D Mirrored Aperture Synthesis. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
2	One-Dimensional Mirrored Aperture Synthesis With Two Tilted Reflectors. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
3	Initial Results of H-Matrix Reconstruction Method for 1-D Mirrored Aperture Synthesis Radiometers. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
4	Analysis and Correction of the Phase and Amplitude Errors for Mirrored Aperture Synthesis. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
5	A Remapping Technique of FY-3D MWRI Based on a Convolutional Neural Network for the Reduction of Representativeness Error. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	2
6	Unmasking unexpected health care inequalities in China using urban big data: Service-rich and service-poor communities. PLoS ONE, 2022, 17, e0263577.	2.5	6
7	2-D Mirrored Aperture Synthesis With Four Tilted Planar Reflectors. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	7
8	Comparison of the Potential Impact to the Prediction of Typhoons of Various Microwave Sounders Onboard a Geostationary Satellite. Remote Sensing, 2022, 14, 1533.	4.0	1
9	Analysis and Correction of the Rank-Deficient Error for 2-D Mirrored Aperture Synthesis. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2222-2230.	6.3	9
10	Maximum-Rank Arrays for Two-Dimensional Mirrored Aperture Synthesis. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 499-503.	3.1	4
11	Knowledge, Attitudes, and Practices Toward COVID-19 Among Construction Industry Practitioners in China. Frontiers in Public Health, 2020, 8, 599769.	2.7	28
12	Initial Results of Microwave Radiometric Imaging With Mirrored Aperture Synthesis. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8105-8117.	6.3	30
13	One-Dimensional Mirrored Aperture Synthesis With Rotating Reflector. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 197-201.	3.1	4
14	MAS-V: Experimental System of Mirrored Aperture Synthesis at V BAND. , 2018, , .		7
15	Antenna array optimaization for mirrored aperture synthesis with autocorrelation. , 2016, , .		5
16	A Hybrid Calibration Method for Aperture Synthesis Radiometers. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 651-655.	3.1	8
17	A simulation study on tracking and restructuring AC signals based on enhanced SOGI-PLL. , 2016, , .		1
18	Array Factor Forming for Image Reconstruction of One-Dimensional Nonuniform Aperture Synthesis Radiometers. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 237-241.	3.1	47

#	ARTICLE	IF	CITATIONS
19	Control design and experimental verification of the brushless doubly-fed machine for standalone power generation applications. IET Electric Power Applications, 2016, 10, 25-35.	1.8	92
20	The Gridding Method for Image Reconstruction of Nonuniform Aperture Synthesis Radiometers. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 274-278.	3.1	10
21	Brightness Temperature Calculation of Lunar Crater: Interpretation of Topographic Effect on Microwave Data From Chang'E. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 4499-4510.	6.3	22
22	A Bayesian reconstruction algorithm for synthesis aperture imaging radiometer. , 2012, , .		0
23	Error model and calibration of synthetic aperture interferometric radiometer based on visibility function. , 2012, , .		0
24	A Robust Regularization Kernel Regression Algorithm for Passive Millimeter Wave Imaging Target Detection. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 915-919.	3.1	10
25	An On-Board External Calibration Method for Aperture Synthesis Radiometer by Rotation. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 901-905.	3.1	9
26	Design of 8mm-band Aperture Synthetic Radiometer and Imaging Experiment. Journal of Infrared, Millimeter, and Terahertz Waves, 2010, 31, 724.	2.2	3
27	A solar calibration method for microwave Aperture Synthesis Radiometers. , 2010, , .		0
28	Signal Level Simulation Modeling for Antenna Array of Aperture Synthesis Radiometer Based on the Equivalent Complex Baseband Representations. Journal of Infrared, Millimeter and Terahertz Waves, 2008, 29, 663-672.	0.6	3
29	An aperture synthesis radiometer at millimeter wave band. , 2008, , .		17
30	An improved spatial impulse-response matrix for error calibration of aperture synthesis radiometers. , 2008, , .		0
31	A General Platform for Millimeter Wave Synthetic Aperture Radiometers. , 2008, , .		18