

# Joseph T Case

## List of Publications by Year in descending order

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15  
papers

543  
citations

933447

10  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Piecewise and Wiener Filter-Based SAR Techniques for Monostatic Microwave Imaging of Layered Structures. IEEE Transactions on Antennas and Propagation, 2014, 62, 282-294.	5.1	110
2	Optimum Two-Dimensional Uniform Spatial Sampling for Microwave SAR-Based NDE Imaging Systems. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3806-3815.	4.7	88
3	Improved Radiation Characteristics of Small Antipodal Vivaldi Antenna for Microwave and Millimeter-Wave Imaging Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1961-1964.	4.0	74
4	Antipodal Vivaldi antenna with improved radiation characteristics for civil engineering applications. IET Microwaves, Antennas and Propagation, 2017, 11, 796-803.	1.4	53
5	Microwave and millimetre wave antipodal Vivaldi antenna with trapezoid-shaped dielectric lens for imaging of construction materials. IET Microwaves, Antennas and Propagation, 2016, 10, 301-309.	1.4	48
6	Rapid Rotary Scanner and Portable Coherent Wideband Q-Band Transceiver for High-Resolution Millimeter-Wave Imaging Applications. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 186-197.	4.7	44
7	Nonuniform Manual Scanning for Rapid Microwave Nondestructive Evaluation Imaging. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 1250-1258.	4.7	41
8	Compressed sensing for SAR-based wideband three-dimensional microwave imaging system using nonuniform fast Fourier transform. IET Radar, Sonar and Navigation, 2013, 7, 658-670.	1.8	33
9	Quantitative and qualitative comparison of SAR images from incomplete measurements using compressed sensing and nonuniform FFT. , 2011, , .		13
10	UWB antipodal vivaldi antenna for microwave imaging of construction materials and structures. Microwave and Optical Technology Letters, 2017, 59, 1259-1264.	1.4	13
11	Correcting Mutual Coupling and Poor Isolation for Real-Time 2-D Microwave Imaging Systems. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 1310-1319.	4.7	12
12	3D image reconstruction from sparse measurement of wideband millimeter wave SAR experiments. , 2011, , .		8
13	Correcting mutual coupling and poor isolation a 1-D microwave imaging array. , 2012, , .		3
14	Non-uniform manual scanning for microwave nondestructive evaluation imaging. , 2012, , .		2
15	Correcting mutual coupling and isolation for a 2-D real-time microwave camera. , 2013, , .		1