

Majid Ostadrahimi

List of Publications by Year in descending order

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24
papers

498
citations

1040056

9
h-index

1281871

11
g-index

24
all docs

24
docs citations

24
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	System and formulation options for biomedical microwave imaging. , 2014, , .		0
2	Grain bin monitoring via microwave imaging. , 2014, , .		1
3	Slotted waveguide arrays for collecting near-field scattering data. , 2014, , .		0
4	A 3-D Dual-Polarized Near-Field Microwave Imaging System. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1790-1797.	4.6	15
5	An MST-based microwave tomography system using homodyne receiver. , 2013, , .		2
6	Enhancement of Gaussâ€™Newton Inversion Method for Biological Tissue Imaging. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3424-3434.	4.6	64
7	A Near-Field Dual Polarized (TEâ€™TM) Microwave Imaging System. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1376-1384.	4.6	59
8	A novel 3D near-field microwave imaging system. , 2013, , .		1
9	Analysis of a 3D microwave imaging system. , 2013, , .		4
10	ANALYSIS OF A DOUBLE-LAYERED VIVALDI ANTENNA INSIDE A METALLIC ENCLOSURE. Progress in Electromagnetics Research, 2013, 143, 503-518.	4.4	5
11	Evaluation of a microwave tomography system for animal tissue imaging. , 2012, , .		1
12	Enhancement of near-field probing in a microwave tomography system. , 2012, , .		1
13	Microwave tomography techniques and algorithms: A review. , 2012, , .		21
14	A Novel Microwave Tomography System Based on the Scattering Probe Technique. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 379-390.	4.7	46
15	A novel antenna design technique using finite element method and transmission line theory. Microwave and Optical Technology Letters, 2012, 54, 126-133.	1.4	1
16	The University of Manitoba Microwave Imaging Repository: A Two-Dimensional Microwave Scattering Database for Testing Inversion and Calibration Algorithms [Measurements Corner]. IEEE Antennas and Propagation Magazine, 2011, 53, 126-133.	1.4	21
17	Analysis of Incident Field Modeling and Incident/Scattered Field Calibration Techniques in Microwave Tomography. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 900-903.	4.0	85
18	A Multiprobe-Per-Collector Modulated Scatterer Technique for Microwave Tomography. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1445-1448.	4.0	10

#	ARTICLE	IF	CITATIONS
19	Three-dimensional accurate modeling of the microwave tomography imaging system. , 2011, , .		2
20	Investigating a double layer Vivaldi antenna design for fixed array field measurement. International Journal of Ultra Wideband Communications and Systems, 2010, 1, 282.	0.1	14
21	A Wideband Microwave Tomography System With a Novel Frequency Selection Procedure. IEEE Transactions on Biomedical Engineering, 2010, 57, 894-904.	4.2	121
22	Reflection Coefficient Measurement for House Flooring Materials at 57-64 GHz. , 2009, , .		12
23	A modified double layer Tapered Slot Antenna with improved cross polarization. , 2009, , .		12
24	Transmission properties of a circular aperture array on a ground plane backed by a rectangular patch, etched on substrate, over each aperture. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	0