

Majid Ostadrahimi

List of Publications by Year in descending order

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24
papers

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citations

1040056

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1281871

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g-index

24
all docs

24
docs citations

24
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wideband Microwave Tomography System With a Novel Frequency Selection Procedure. IEEE Transactions on Biomedical Engineering, 2010, 57, 894-904.	4.2	121
2	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
3	Enhancement of Gauss-Newton Inversion Method for Biological Tissue Imaging. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3424-3434.	4.6	64
4	A Near-Field Dual Polarized (TE-TM) Microwave Imaging System. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1376-1384.	4.6	59
5	A Novel Microwave Tomography System Based on the Scattering Probe Technique. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 379-390.	4.7	46
6	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
7	Microwave tomography techniques and algorithms: A review. , 2012, , .		21
8	A 3-D Dual-Polarized Near-Field Microwave Imaging System. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1790-1797.	4.6	15
9	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
10	Reflection Coefficient Measurement for House Flooring Materials at 57-64 GHz. , 2009, , .		12
11	A modified double layer Tapered Slot Antenna with improved cross polarization. , 2009, , .		12
12	A Multiprobe-Per-Collector Modulated Scatterer Technique for Microwave Tomography. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1445-1448.	4.0	10
13	ANALYSIS OF A DOUBLE-LAYERED VIVALDI ANTENNA INSIDE A METALLIC ENCLOSURE. Progress in Electromagnetics Research, 2013, 143, 503-518.	4.4	5
14	Analysis of a 3D microwave imaging system. , 2013, , .		4
15	Three-dimensional accurate modeling of the microwave tomography imaging system. , 2011, , .		2
16	An MST-based microwave tomography system using homodyne receiver. , 2013, , .		2
17	Evaluation of a microwave tomography system for animal tissue imaging. , 2012, , .		1
18	Enhancement of near-field probing in a microwave tomography system. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	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
20	A novel 3D near-field microwave imaging system. , 2013, , .		1
21	Grain bin monitoring via microwave imaging. , 2014, , .		1
22	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
23	System and formulation options for biomedical microwave imaging. , 2014, , .		0
24	Slotted waveguide arrays for collecting near-field scattering data. , 2014, , .		0