

Shantanu Padhi

List of Publications by Year in descending order

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22
papers

147
citations

1478505

6
h-index

1199594

12
g-index

22
all docs

22
docs citations

22
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	MLFMM techniques for efficient analysis of random array configuration for SKA radio telescope. Journal of Engineering, 2017, 2017, 656-658.	1.1	1
2	THE IMPACT OF THE IONOSPHERE ON GROUND-BASED DETECTION OF THE GLOBAL EPOCH OF REIONIZATION SIGNAL. Astrophysical Journal, 2015, 813, 18.	4.5	24
3	Complex gain calibration in hybrid low-frequency aperture arrays: An array prototype and the Murchison Widefield Array. , 2015, , .		1
4	Square Kilometre Array Station Configuration Using Two-Stage Beamforming. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	1
5	Characterizing mutual impedance of conical spiral antenna array for radio telescope application. , 2012, , .		0
6	Reflectometric measurement of plasma imaging and applications. Journal of Instrumentation, 2012, 7, C01089-C01089.	1.2	8
7	Candidate wire spiral antennas for the SKA radio telescope. , 2012, , .		2
8	A PC-controlled microwave tomographic scanner for breast imaging. Review of Scientific Instruments, 2011, 82, 014702.	1.3	0
9	Low frequency aperture array developments for phase 1 SKA. , 2011, , .		14
10	3D Image Reconstruction in Microwave Tomography Using an Efficient FDTD Model. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1353-1356.	4.0	25
11	Identification of an unknown dielectric target in a half-space using the E-pulse technique. Radio Science, 2008, 43, .	1.6	2
12	Measured Antenna Response of a Proposed Microwave Tomography System Using an Efficient 3-D FDTD Model. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 689-692.	4.0	16
13	An Improved Hybrid MoM/FDTD Technique for MRI RF Coils Modeling Using Huygen's Equivalent Surface Method. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3898-901.	0.5	2
14	On the Accurate Modeling of a Complex Antenna for Breast Tumor Detection Using a Hybrid MOM/FDTD Approach. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 6637-40.	0.5	4
15	Planar electromagnetic bandgap structures. International Journal of RF and Microwave Computer-Aided Engineering, 2006, 16, 415-429.	1.2	11
16	Fractal PBG assisted co-planar waveguides. Microwave and Optical Technology Letters, 2005, 45, 75-78.	1.4	5
17	PBG-assisted shared-aperture dual-band aperture-coupled patch antenna for satellite communication. Microwave and Optical Technology Letters, 2005, 46, 289-292.	1.4	2
18	Improved performance of EBGs on a co-planar transmission line using tapered distribution. Microwave and Optical Technology Letters, 2004, 42, 128-131.	1.4	3

#	ARTICLE	IF	CITATIONS
19	An EM-coupled dual-polarized microstrip patch antenna for RFID applications. Microwave and Optical Technology Letters, 2003, 39, 354-360.	1.4	20
20	A microstrip Yagi antenna using EBG structure. Radio Science, 2003, 38, n/a-n/a.	1.6	6
21	Dual band tunable microstrip patch antenna. Electronics Letters, 1999, 35, 1397.	1.0	0
22	Characteristics of a Single Fed Circularly Polarized Microstrip Antenna. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 1999, 16, 97-100.	3.2	0