

# Shantanu Padhi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7467358/publications.pdf>

Version: 2024-02-01

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	3D Image Reconstruction in Microwave Tomography Using an Efficient FDTD Model. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1353-1356.	4.0	25
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	An EM-coupled dual-polarized microstrip patch antenna for RFID applications. Microwave and Optical Technology Letters, 2003, 39, 354-360.	1.4	20
4	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
5	Low frequency aperture array developments for phase 1 SKA. , 2011, , .		14
6	Planar electromagnetic bandgap structures. International Journal of RF and Microwave Computer-Aided Engineering, 2006, 16, 415-429.	1.2	11
7	Reflectometric measurement of plasma imaging and applications. Journal of Instrumentation, 2012, 7, C01089-C01089.	1.2	8
8	A microstrip Yagi antenna using EBG structure. Radio Science, 2003, 38, n/a-n/a.	1.6	6
9	Fractal PBG assisted co-planar waveguides. Microwave and Optical Technology Letters, 2005, 45, 75-78.	1.4	5
10	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
11	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
12	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
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	Identification of an unknown dielectric target in a half-space using the E-field pulse technique. Radio Science, 2008, 43, .	1.6	2
15	Candidate wire spiral antennas for the SKA radio telescope. , 2012, , .		2
16	Square Kilometre Array Station Configuration Using Two-Stage Beamforming. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	1
17	Complex gain calibration in hybrid low-frequency aperture arrays: An array prototype and the Murchison Widefield Array. , 2015, , .		1
18	MLFMM techniques for efficient analysis of random array configuration for SKA radio telescope. Journal of Engineering, 2017, 2017, 656-658.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Dual band tunable microstrip patch antenna. Electronics Letters, 1999, 35, 1397.	1.0	0
20	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
21	A PC-controlled microwave tomographic scanner for breast imaging. Review of Scientific Instruments, 2011, 82, 014702.	1.3	0
22	Characterizing mutual impedance of conical spiral antenna array for radio telescope application. , 2012, , .		0