

# Om Prakash Acharya

## List of Publications by Year in descending order

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23  
papers

396  
citations

840776

11  
h-index

1058476

14  
g-index

24  
all docs

24  
docs citations

24  
times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	An ANN Application for Fault Finding in Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2007, 55, 775-777.	5.1	85
2	Material selection for THz antennas. Microwave and Optical Technology Letters, 2018, 60, 1183-1187.	1.4	57
3	A Comprehensive Survey on Image Contrast Enhancement Techniques in Spatial Domain. Sensing and Imaging, 2020, 21, 1.	1.5	41
4	Application of metamaterials for performance enhancement of planar antennas: A review. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22154.	1.2	27
5	A Review on Metamaterial Absorbers: Microwave to Optical. Frontiers in Physics, 2022, 10, .	2.1	25
6	Design of a Novel Terahertz Metamaterial Absorber for Sensing Applications. IEEE Sensors Journal, 2021, 21, 22688-22694.	4.7	22
7	Antenna Array Failure Correction [Antenna Applications Corner]. IEEE Antennas and Propagation Magazine, 2017, 59, 106-115.	1.4	21
8	Fault finding in antenna arrays using bacteria foraging optimization technique. , 2011, , .		17
9	Null Steering in Failed Antenna Arrays. Applied Computational Intelligence and Soft Computing, 2011, 2011, 1-9.	2.3	17
10	Bacteria foraging optimization in antenna engineering: An application to array fault finding. International Journal of RF and Microwave Computer-Aided Engineering, 2013, 23, 141-148.	1.2	17
11	A multi-band terahertz metamaterial absorber based on a $\hat{\Gamma}$ and U-shaped structure. Photonics and Nanostructures - Fundamentals and Applications, 2018, 32, 74-80.	2.0	15
12	Limits of compensation in a failed antenna array. International Journal of RF and Microwave Computer-Aided Engineering, 2014, 24, 635-645.	1.2	14
13	A Broadband Polarization Insensitive Metamaterial Absorber Using Petal-Shaped Structure. Plasmonics, 2020, 15, 2147-2152.	3.4	10
14	A PSO application for locating defective elements in antenna arrays. , 2009, , .		9
15	IoT based pollution monitoring and health correlation: a case study on smart city. International Journal of Systems Assurance Engineering and Management, 2019, 10, 731-738.	2.4	5
16	A wideband four-port multiple-input-multiple-output slot antenna for WLAN / WiFi / 5G below 6 GHz applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22605.	1.2	5
17	Tolerance on element failure for DoA estimation: A soft-computing approach. , 2015, , .		3
18	Null steering in failed antenna array. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
19	Review on Localization of Optic Disc in Retinal Fundus Images. , 2018, , .		2
20	Pattern recovery in failed antenna arrays by partial control of real-weights. , 2011, , .		1
21	Comparative study of bio-inspired optimization techniques in antenna array failure compensation. , 2013, , .		1
22	Pattern Synthesis for Linear Antenna Array Using Characteristics Evolution Optimization. IOSR Journal of Electrical and Electronics Engineering, 2014, 9, 91-97.	0.0	0
23	Performance Analysis of Heterogenous WSN for application in IoT. Oriental Journal of Computer Science and Technology, 2017, 10, 730-735.	0.3	0