

# Om Prakash Acharya

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A Review on Metamaterial Absorbers: Microwave to Optical. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	25
2	A wideband fourâ€port multipleâ€inputâ€multipleâ€output slot antenna for <scp>WLAN</scp> / <scp>WiFi</scp> / <scp>5G</scp> below <scp>6â€GHz</scp> applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021, 31, e22605.	1.2	5
3	Design of a Novel Terahertz Metamaterial Absorber for Sensing Applications. <i>IEEE Sensors Journal</i> , 2021, 21, 22688-22694.	4.7	22
4	A Comprehensive Survey on Image Contrast Enhancement Techniques in Spatial Domain. <i>Sensing and Imaging</i> , 2020, 21, 1.	1.5	41
5	A Broadband Polarization Insensitive Metamaterial Absorber Using Petal-Shaped Structure. <i>Plasmonics</i> , 2020, 15, 2147-2152.	3.4	10
6	Application of metamaterials for performance enhancement of planar antennas: A review. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020, 30, e22154.	1.2	27
7	IoT based pollution monitoring and health correlation: a case study on smart city. <i>International Journal of Systems Assurance Engineering and Management</i> , 2019, 10, 731-738.	2.4	5
8	Material selection for <scp>TH</scp>z antennas. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 1183-1187.	1.4	57
9	A multi-band terahertz metamaterial absorber based on a Î and U-shaped structure. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2018, 32, 74-80.	2.0	15
10	Review on Localization of Optic Disc in Retinal Fundus Images. , 2018, , .		2
11	Antenna Array Failure Correction [Antenna Applications Corner]. <i>IEEE Antennas and Propagation Magazine</i> , 2017, 59, 106-115.	1.4	21
12	Performance Analysis of Heterogenous WSN for application in IoT. <i>Oriental Journal of Computer Science and Technology</i> , 2017, 10, 730-735.	0.3	0
13	Tolerance on element failure for DoA estimation: A soft-computing approach. , 2015, , .		3
14	Limits of compensation in a failed antenna array. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2014, 24, 635-645.	1.2	14
15	Pattern Synthesis for Linear Antenna Array Using Characteristics Evolution Optimization. <i>IOSR Journal of Electrical and Electronics Engineering</i> , 2014, 9, 91-97.	0.0	0
16	Bacteria foraging optimization in antenna engineering: An application to array fault finding. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2013, 23, 141-148.	1.2	17
17	Comparative study of bio-inspired optimization techniques in antenna array failure compensation. , 2013, , .		1
18	Fault finding in antenna arrays using bacteria foraging optimization technique. , 2011, , .		17

#	ARTICLE	IF	CITATIONS
19	Pattern recovery in failed antenna arrays by partial control of real-weights. , 2011, , .		1
20	Null Steering in Failed Antenna Arrays. Applied Computational Intelligence and Soft Computing, 2011, 2011, 1-9.	2.3	17
21	Null steering in failed antenna array. , 2011, , .		2
22	A PSO application for locating defective elements in antenna arrays. , 2009, , .		9
23	An ANN Application for Fault Finding in Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2007, 55, 775-777.	5.1	85