

# Pramod Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

100  
citations

1684188

5  
h-index

1474206

9  
g-index

27  
all docs

27  
docs citations

27  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of 3D Printed Multi-Wavelength DRA. IETE Technical Review (Institution of Electronics and) Tj ETQq1 1 0.784314 rgBT <sub>2</sub> /Overlock	3.2	14
2	Investigation and Development of 3D Printed Conventional Shape Compact UWB-DRA for Societal Applications. Wireless Personal Communications, 2021, 119, 2859-2875.	2.7	1
3	Optimization, fabrication, and characterization of four electrode-based sensors for blood impedance measurement. Biomedical Microdevices, 2021, 23, 9.	2.8	15
4	Investigation and Development of 3D Printed Biodegradable PLA as Compact Antenna for Broadband Applications. IETE Journal of Research, 2020, 66, 53-64.	2.6	10
5	Metamaterial loaded aperture coupled biodegradable star-shaped dielectric resonator antenna for WLAN and broadband applications. Microwave and Optical Technology Letters, 2020, 62, 264-277.	1.4	4
6	Design and Development of Enhanced Gain Aperture Coupled Broadband Biodegradable Dielectric Resonator Antenna for WLAN Applications. Wireless Personal Communications, 2020, 115, 1525-1539.	2.7	6
7	Electronically Controlled Beam Steerable Dual-Band Star-Shaped DRA for UAS and Wi-Fi Data Link Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 7214-7218.	5.1	6
8	Conductor Backed CPW-Fed Dual-Mode Excited High Gain Cylindrical Cavity DRA for Unmanned Aircraft Systems (UAS) or Drone Data-Link Applications at C Band. IETE Technical Review (Institution of) Tj ETQq0 0.0 rgBT <sub>2</sub> /Overlock 10	0.0	10
9	Design and Development of Low-Profile Multi-Band Antenna Fed by SIW Cavity Resonator Using Twin Apertures. Frequenz, 2019, 73, 235-243.	0.9	2
10	SIW resonator fed horn mounted compact DRA with enhanced gain for multiband applications. International Journal of Microwave and Wireless Technologies, 2019, 11, 821-828.	1.9	3
11	Design and Investigation of Dual Band CDRA Excited by Conformal Feed for Broadband Wireless Applications. Wireless Personal Communications, 2019, 106, 1531-1546.	2.7	1
12	Evaluation of Energy Efficient Clustering Algorithms (E <sup>2</sup> CA) for Query Based WSNs. , 2019, , .		1
13	Gain and Bandwidth Enhancement of Tetracuspid-shaped DRA Mounted with Conical Horn. Frequenz, 2018, 72, 315-323.	0.9	2
14	Analysis and Optimization of Conformal Patch Excited Wideband DRA of Several Shapes. Frequenz, 2018, 72, 197-208.	0.9	6
15	Investigation of Compact Dielectric Monopole Antenna Integrated with 3D Printed Horn for UWB Applications. Frequenz, 2018, 72, 489-501.	0.9	3
16	Spatial-Temporal Aspects Integrated Probabilistic Intervals Models of Query Generation and Sink Attributes for Energy Efficient WSN. Wireless Personal Communications, 2017, 96, 1849-1870.	2.7	3
17	Design of Biodegradable Quadruple-shaped DRA for WLAN/Wi-Max applications. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2017, 16, 867-880.	0.7	13
18	Optimized Design and Analysis of Microstrip Antenna using Artificial Neural Network. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Spatio-temporal probabilistic query generation model and sink attributes for energy-efficient wireless sensor networks. IET Networks, 2016, 5, 170-177.	1.8	5
20	A novel design of Convex Hexagonal Dielectric Resonator Antenna with parasitic plate. , 2016, , .		0
21	Probabilistic query generation and fuzzy c-means clustering for energy-efficient operation in wireless sensor networks. International Journal of Communication Systems, 2016, 29, 1439-1450.	2.5	2
22	Performance analysis of energy aware routing protocol for Wireless Sensor Networks. , 2014, , .		1
23	Designing of a compact microstrip antenna resonating at 4.8GHz by using size reduction technique. , 2009, , .		1
24	Design and analysis of microstrip elliptical low pass filter. , 2009, , .		1
25	Formulation of size reduction technique in microstrip circuits by using DGS and DMS. , 2008, , .		6
26	Design and fabrication of six pole microstrip elliptical low pass filter. , 2008, , .		3
27	Design and analysis of fractal microstrip low pass filter with open circuited stubs. , 2008, , .		0