

ashwani sharma

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Switchable Multicoil Antenna With Booster Coil to Improve Coverage in WPT Systems. IEEE Transactions on Antennas and Propagation, 2022, 70, 2490-2498.	5.1	6
2	A Planar Distributed Multicoil Antenna to Generate 3-D Ellipsoidally Polarized H-Field for Angular Misalignment Tolerant WPT System. IEEE Transactions on Antennas and Propagation, 2022, 70, 2969-2978.	5.1	6
3	Dual-Purpose Planar Radial-Array of Rectenna Sensors for Orientation Estimation and RF-Energy Harvesting at IoT Nodes. IEEE Microwave and Wireless Components Letters, 2022, 32, 245-248.	3.2	13
4	Drone Assisted Network Coded Cooperation With Energy Harvesting: Strengthening the Lifespan of the Wireless Networks. IEEE Access, 2022, 10, 43055-43070.	4.2	7
5	Bendable ultra-high frequency radio-frequency identification tag antenna for retail garments using nonuniform meandered lines. Engineering Reports, 2021, 3, e12420.	1.7	2
6	Magnetic field forming Using Planar Multicoil Antenna to Generate Orthogonal H-Field Components. IEEE Transactions on Antennas and Propagation, 2017, 65, 2906-2915.	5.1	19
7	Multipurpose Near- and Far-Field Switched Multiband Coil Antenna for 915-MHz/2.45/5.8-GHz RFIDs. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2562-2565.	4.0	8
8	Bandpass filter-like antenna validation in an ultra-wideband in-car wireless channel. IET Communications, 2015, 9, 532-540.	2.2	8
9	Widespread near-field with robust H-field using NDTC antennas in multipurpose applications. , 2015, , .		0
10	Dual Purpose Near- and Far-Field UHF RFID Coil Antenna With Non-Uniformly Distributed-Turns. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1342-1345.	4.0	12
11	Optimal E-Field Vector Combination for a Highly Focused Antenna-Array. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 392-395.	4.0	5
12	Influence of substrate types and reflector proximities over a NDTC antenna. , 2014, , .		0
13	Fabricated Non-uniformly Distributed-Turns Coil. , 2014, , .		4
14	Source-Aware Adaptive Power Allocation in OFDM Systems for Rate Constrained Applications. IEEE Communications Letters, 2014, 18, 1855-1858.	4.1	2
15	Multiple description transform coded transmission over OFDM broadcast channels. Physical Communication, 2014, 12, 79-92.	2.1	6
16	A Novel Cluster-Based Energy Efficient Routing in Wireless Sensor Networks. , 2013, , .		16
17	Non-Uniformly Distributed-Turns Coil Antenna for Enhanced H-Field in HF-RFID. IEEE Transactions on Antennas and Propagation, 2013, 61, 4900-4907.	5.1	31
18	Sprayed antenna on cans for WLAN-RFID tags. Microwave and Optical Technology Letters, 2013, 55, 773-775.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Enhanced H _a €field in HF RFID systems by optimizing the loop spacing of antenna coils. Microwave and Optical Technology Letters, 2013, 55, 944-948.	1.4	15
20	Channel adaptive stop-and-wait automatic repeat request protocols for short-range wireless links. IET Communications, 2012, 6, 2128.	2.2	4
21	Radio frequency IDentification miniature interrogator antenna sprayed over an in-vehicle chassis. IET Microwaves, Antennas and Propagation, 2012, 6, 1674-1680.	1.4	3
22	Interference aware power controlled forwarding for lifetime maximisation of wireless ad hoc networks. IET Wireless Sensor Systems, 2012, 2, 22.	1.7	17
23	A Novel Computationally Efficient Motion Compensation Method Based on Pixel by Pixel Prediction. , 2011, , .		2
24	Energy-efficient transmission of DWT image over OFDM fading channel. , 2011, , .		3
25	A Novel Prediction Model for Lossless Video Compression. , 2011, , .		0
26	Exploiting Fading Dynamics along with AMC for Energy-Efficient Transmission over Fading Channels. IEEE Communications Letters, 2011, 15, 1218-1220.	4.1	4
27	Impact of interference on nodal communication range in wireless ad hoc networks. , 2011, , .		2
28	Optimizing MDTC over Feedback-less OFDM Channels. , 2011, , .		0
29	A compact SWB MIMO antenna with 45° clock-wise square patch inclusions for polarization diversity applications. International Journal of Microwave and Wireless Technologies, 0, , 1-13.	1.9	0