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List of Publications by Year in descending order

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52
papers

1,280
citations

304743

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all docs

52
docs citations

52
times ranked

950
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of Cross-Band Scattering in Multiband Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 2379-2389.	5.1	109
2	IDE: Image Dehazing and Exposure Using an Enhanced Atmospheric Scattering Model. IEEE Transactions on Image Processing, 2021, 30, 2180-2192.	9.8	101
3	IDGCP: Image Dehazing Based on Gamma Correction Prior. IEEE Transactions on Image Processing, 2020, 29, 3104-3118.	9.8	93
4	A Wideband Polarization Reconfigurable Antenna With Partially Reflective Surface. IEEE Transactions on Antennas and Propagation, 2016, 64, 4534-4538.	5.1	74
5	Scattering Suppression in a 4G and 5G Base Station Antenna Array Using Spiral Chokes. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1818-1822.	4.0	61
6	Cavity-Backed Proximity-Coupled Reconfigurable Microstrip Antenna With Agile Polarizations and Steerable Beams. IEEE Transactions on Antennas and Propagation, 2017, 65, 5553-5558.	5.1	50
7	An SIW-Based Large-Scale Corporate-Feed Array Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 2969-2976.	5.1	47
8	Wideband Dual-Polarized Multiple Beam-Forming Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 1590-1604.	5.1	47
9	Gamma-Correction-Based Visibility Restoration for Single Hazy Images. IEEE Signal Processing Letters, 2018, 25, 1084-1088.	3.6	46
10	A Wideband Base Station Antenna Element With Stable Radiation Pattern and Reduced Beam Squint. IEEE Access, 2017, 5, 23022-23031.	4.2	41
11	A Compact Microstrip Phase Shifter Employing Reconfigurable Defected Microstrip Structure (RDMS) for Phased Array Antennas. IEEE Transactions on Antennas and Propagation, 2015, 63, 1985-1996.	5.1	36
12	Wideband Matching of Full-Wavelength Dipole With Reflector for Base Station. IEEE Transactions on Antennas and Propagation, 2017, 65, 5571-5576.	5.1	36
13	Simplified Tightly-Coupled Cross-Dipole Arrangement for Base Station Applications. IEEE Access, 2017, 5, 27491-27503.	4.2	36
14	Achieving Wider Bandwidth With Full-Wavelength Dipoles for 5G Base Stations. IEEE Transactions on Antennas and Propagation, 2020, 68, 1119-1127.	5.1	36
15	IDRLP: Image Dehazing Using Region Line Prior. IEEE Transactions on Image Processing, 2021, 30, 9043-9057.	9.8	35
16	Dual-Polarized Multi-Resonance Antennas With Broad Bandwidths and Compact Sizes for Base Station Applications. IEEE Open Journal of Antennas and Propagation, 2020, 1, 11-19.	3.7	34
17	A Dual Layered Loop Array Antenna for Base Stations With Enhanced Cross-Polarization Discrimination. IEEE Transactions on Antennas and Propagation, 2018, 66, 6975-6985.	5.1	30
18	BDPK: Bayesian Dehazing Using Prior Knowledge. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2349-2362.	8.3	30

#	ARTICLE	IF	CITATIONS
19	A Scalable THz Photonic Crystal Fiber With Partially-Slotted Core That Exhibits Improved Birefringence and Reduced Loss. <i>Journal of Lightwave Technology</i> , 2018, 36, 3408-3417.	4.6	29
20	A Wideband Multilayer Substrate Integrated Waveguide Cavity-Backed Slot Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 3465-3473.	5.1	27
21	Wideband Planarized Dual-Linearly-Polarized Dipole Antenna and Its Integration for Dual-Circularly-Polarized Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018, 17, 2289-2293.	4.0	27
22	Circular hole ENZ photonic crystal fibers exhibit high birefringence. <i>Optics Express</i> , 2018, 26, 17264.	3.4	27
23	A Terahertz (THz) Single-Polarization-Single-Mode (SPSM) Photonic Crystal Fiber (PCF). <i>Materials</i> , 2019, 12, 2442.	2.9	24
24	A Thermal Management System to Reuse Thermal Waste Released by High-Power Light-Emitting Diodes. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 4790-4797.	3.0	17
25	Spatial wave control using a self-biased nonlinear metasurface at microwave frequencies. <i>Optics Express</i> , 2020, 28, 35128.	3.4	17
26	A Double-Voltage-Controlled Effective Thermal Conductivity Model of Graphene for Thermoelectric Cooling. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 1185-1191.	3.0	16
27	A Spoof Surface Plasmon Polaritons (SSPPs) Based Dual-Band-Rejection Filter with Wide Rejection Bandwidth. <i>Sensors</i> , 2020, 20, 7311.	3.8	16
28	High Efficiency Thermoelectric Temperature Control System With Improved Proportional Integral Differential Algorithm Using Energy Feedback Technique. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 5225-5234.	7.9	16
29	Antenna/Propagation Domain Self-Interference Cancellation (SIC) for In-Band Full-Duplex Wireless Communication Systems. <i>Sensors</i> , 2022, 22, 1699.	3.8	15
30	An Enhanced Thermoelectric Collaborative Cooling System With Thermoelectric Generator Serving as a Supplementary Power Source. <i>IEEE Transactions on Electron Devices</i> , 2021, 68, 1847-1854.	3.0	14
31	IDBP: Image Dehazing Using Blended Priors Including Non-Local, Local, and Global Priors. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022, 32, 4867-4871.	8.3	11
32	An Epsilon-Near-Zero (ENZ) Based, Ultra-Wide Bandwidth Terahertz Single-Polarization Single-Mode Photonic Crystal Fiber. <i>Journal of Lightwave Technology</i> , 2021, 39, 223-232.	4.6	10
33	Polarization-Rotated Waveguide Antennas for Base-Station Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 1545-1548.	4.0	9
34	A base station antenna element with simple structure but excellent performance. , 2018, , .		9
35	Improving the Energy-Conversion Efficiency of a PV&TE System With an Intelligent Power-Track Switching Technique and Efficient Thermal-Management Scheme. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2021, 11, 963-973.	2.5	9
36	Improved MPPT System Based on FTSMC for Thermoelectric Generator Array Under Dynamic Temperature and Impedance. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 10715-10723.	7.9	9

#	ARTICLE	IF	CITATIONS
37	Remote Sensing Image Haze Removal Using Gamma-Correction-Based Dehazing Model. IEEE Access, 2019, 7, 5250-5261.	4.2	8
38	A Controllable Plasmonic Resonance in a SiC-Loaded Single-Polarization Single-Mode Photonic Crystal Fiber Enables Its Application as a Compact LWIR Environmental Sensor. Materials, 2020, 13, 3915.	2.9	6
39	A Highly Birefringent and Nonlinear As ₂ S ₃ Photonic Crystal Fiber With Two Zero-Dispersion. IEEE Photonics Journal, 2019, 11, 1-7.	2.0	5
40	High Sensitivity Core-Shell Structure (CSS)-Based Fiber Sensor for Monitoring Analytes in Liquids and Gases. Journal of Lightwave Technology, 2021, 39, 3319-3329.	4.6	4
41	High Birefringent ENZ Photonic Crystal Fibers. , 2018, , .		2
42	Enabling the Co-Existence of Multiband Antenna Arrays. , 2019, , .		2
43	Achieving a Terahertz Photonic Crystal Fiber with Enhanced Birefringence. , 2020, , .		2
44	Cross-Band Scattering Suppression for MultiBand Base Station Antenna Arrays. , 2019, , .		2
45	An Embedded Dual-Band Base Station Antenna Array Employing Choked Bowl-Shaped Antenna for Cross-Band Scattering Mitigation. , 2022, , .		2
46	Electrothermal Collaborative Cooling With Delayed Power Rail Switching Auxiliary Charging by Considering Energy Harvesting Mechanism for High-Power LEDs. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 1507-1514.	2.5	1
47	Cross-Band Interaction Mitigation in Dual-Band Antenna Arrays for 4G/5G and Beyond. , 2021, , .		1
48	Symmetrical Multilayer Dielectric Model of Thermal Stress and Strain of Silicon-Core Coaxial Through-Silicon Vias in 3-D Integrated Circuit. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2022, 12, 1122-1129.	2.5	1
49	A Novel Dual-Polarized Planar Antenna. , 2018, , .		0
50	A general design and optimization method of tightly-coupled cross-dipoles for base station. , 2018, , .		0
51	Achieving Wider Impedance Bandwidth Using FullWavelength Dipoles. , 2020, , .		0
52	Spiral Choking Method for Scattering Suppression in 4G and 5G Base Station Antenna Arrays. , 2021, , .		0