

Gert F Pedersen

List of Publications by Year in descending order

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3319
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutual Coupling Reduction for UWB MIMO Antennas With a Wideband Neutralization Line. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 166-169.	4.0	403
2	A Switchable 3-D-Coverage-Phased Array Antenna Package for 5G Mobile Terminals. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1747-1750.	4.0	205
3	Over-the-Air Radiated Testing of Millimeter-Wave Beam-Steerable Devices in a Cost-Effective Measurement Setup. IEEE Communications Magazine, 2018, 56, 64-71.	6.1	132
4	A Planar Switchable 3-D-Coverage Phased Array Antenna and Its User Effects for 28-GHz Mobile Terminal Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 6413-6421.	5.1	112
5	A Step Toward 5G in 2020: Low-cost OTA performance evaluation of massive MIMO base stations. IEEE Antennas and Propagation Magazine, 2017, 59, 38-47.	1.4	101
6	Integrated Millimeter-Wave Wideband End-Fire 5G Beam Steerable Array and Low-Frequency 4G LTE Antenna in Mobile Terminals. IEEE Transactions on Vehicular Technology, 2019, 68, 4042-4046.	6.3	96
7	Emulating Spatial Characteristics of MIMO Channels for OTA Testing. IEEE Transactions on Antennas and Propagation, 2013, 61, 4306-4314.	5.1	87
8	Compact Quad-Mode Planar Phased Array With Wideband for 5G Mobile Terminals. IEEE Transactions on Antennas and Propagation, 2018, 66, 4648-4657.	5.1	85
9	A Transmission-Line-Based Decoupling Method for MIMO Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 3117-3131.	5.1	81
10	Mutual Coupling Suppression With Decoupling Ground for Massive MIMO Antenna Arrays. IEEE Transactions on Vehicular Technology, 2019, 68, 7273-7282.	6.3	75
11	Dual-Polarized Phased Array With End-Fire Radiation for 5G Handset Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 3277-3282.	5.1	73
12	Measured wideband characteristics of indoor channels at centimetric and millimetric bands. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	72
13	An Empirical Air-to-Ground Channel Model Based on Passive Measurements in LTE. IEEE Transactions on Vehicular Technology, 2019, 68, 1140-1154.	6.3	72
14	Statistical Investigation of the User Effects on Mobile Terminal Antennas for 5G Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 6596-6605.	5.1	71
15	Compact Beam-Steerable Antenna Array With Two Passive Parasitic Elements for 5G Mobile Terminals at 28 GHz. IEEE Transactions on Antennas and Propagation, 2018, 66, 5193-5203.	5.1	71
16	Wideband Beam-Switchable 28 GHz Quasi-Yagi Array for Mobile Devices. IEEE Transactions on Antennas and Propagation, 2019, 67, 6870-6882.	5.1	62
17	On Radiated Performance Evaluation of Massive MIMO Devices in Multiprobe Anechoic Chamber OTA Setups. IEEE Transactions on Antennas and Propagation, 2018, 66, 5485-5497.	5.1	61
18	A Low-Cost, High-Efficiency and Full-Metal Reflectarray Antenna With Mechanically 2-D Beam-Steerable Capabilities for 5G Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 6997-7006.	5.1	61

#	ARTICLE	IF	CITATIONS
19	mm-Wave Beam-Steerable Endfire Array Embedded in a Slotted Metal-Frame LTE Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 3685-3694.	5.1	54
20	Spherical Coverage Characterization of 5G Millimeter Wave User Equipment With 3GPP Specifications. IEEE Access, 2019, 7, 4442-4452.	4.2	51
21	Beamforming via Large and Dense Antenna Arrays Above a Clutter. IEEE Journal on Selected Areas in Communications, 2013, 31, 314-325.	14.0	50
22	Millimeter Wave Multi-User Performance Evaluation Based on Measured Channels With Virtual Antenna Array Channel Sounder. IEEE Access, 2018, 6, 12318-12326.	4.2	50
23	A Dual-Polarized and High-Gain X/Ka -Band Shared-Aperture Antenna With High Aperture Reuse Efficiency. IEEE Transactions on Antennas and Propagation, 2021, 69, 1334-1344.	5.1	50
24	Multiple Antenna Systems With Inherently Decoupled Radiators. IEEE Transactions on Antennas and Propagation, 2012, 60, 503-515.	5.1	48
25	Reduction of Main Beam-Blockage in an Integrated 5G Array With a Metal-Frame Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 3161-3170.	5.1	47
26	Characterization of the Indoor Multiantenna Body-to-Body Radio Channel. IEEE Transactions on Antennas and Propagation, 2009, 57, 972-979.	5.1	46
27	On Dimensions of OTA Setups for Massive MIMO Base Stations Radiated Testing. IEEE Access, 2016, 4, 5971-5981.	4.2	45
28	Doppler spectrum from moving scatterers in a random environment. IEEE Transactions on Wireless Communications, 2009, 8, 3270-3277.	9.2	44
29	Radiation-Pattern Reconfigurable Phased Array With p-i-n Diodes Controlled for 5G Mobile Terminals. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1103-1117.	4.6	44
30	Split-Ring Resonator-Loaded Baffles for Decoupling of Dual-Polarized Base Station Array. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1828-1832.	4.0	44
31	A Planar Dual-Polarized Phased Array With Broad Bandwidth and Quasi-Endfire Radiation for 5G Mobile Handsets. IEEE Transactions on Antennas and Propagation, 2021, 69, 6410-6419.	5.1	44
32	A Wideband Filtering Antenna Array With Harmonic Suppression. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4327-4339.	4.6	43
33	Cognitive function and symptoms in adults and adolescents in relation to rf radiation from UMTS base stations. Bioelectromagnetics, 2008, 29, 257-267.	1.6	42
34	Dual-Band Structure Reused Antenna Based on Quasi-Elliptic Bandpass Frequency Selective Surface for 5G Application. IEEE Transactions on Antennas and Propagation, 2020, 68, 7612-7617.	5.1	42
35	Dielectric Properties of Common Building Materials for Ultrawideband Propagation Studies [Measurements Corner]. IEEE Antennas and Propagation Magazine, 2020, 62, 72-81.	1.4	42
36	Reverberation and Absorption in an Aircraft Cabin With the Impact of Passengers. IEEE Transactions on Antennas and Propagation, 2012, 60, 2472-2480.	5.1	40

#	ARTICLE	IF	CITATIONS
37	Breaking the Transmitter-Receiver Isolation Barrier in Mobile Handsets With Spatial Duplexing. IEEE Transactions on Antennas and Propagation, 2013, 61, 2241-2251.	5.1	38
38	Emulating Ray-Tracing Channels in Multiprobe Anechoic Chamber Setups for Virtual Drive Testing. IEEE Transactions on Antennas and Propagation, 2016, 64, 730-739.	5.1	37
39	A Dual-Polarized Linear Antenna Array With Improved Isolation Using a Slotline-Based 180° Hybrid for Full-Duplex Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 348-352.	4.0	37
40	A Simple Decoupling Network With Filtering Response for Patch Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 7427-7439.	5.1	37
41	Wideband MIMO Channel Capacity Analysis in Multiprobe Anechoic Chamber Setups. IEEE Transactions on Vehicular Technology, 2016, 65, 2861-2871.	6.3	36
42	Dual-Band Shared Aperture Reflectarray and Patch Antenna Array for S- and Ka-Bands. IEEE Transactions on Antennas and Propagation, 2022, 70, 2340-2345.	5.1	36
43	MIMO Terminal Performance Evaluation With a Novel Wireless Cable Method. IEEE Transactions on Antennas and Propagation, 2017, 65, 4803-4814.	5.1	35
44	Probe Selection in Multiprobe OTA Setups. IEEE Transactions on Antennas and Propagation, 2014, 62, 2109-2120.	5.1	34
45	Dynamic Channel Modeling for Indoor Millimeter-Wave Propagation Channels Based on Measurements. IEEE Transactions on Communications, 2020, 68, 5878-5891.	7.8	34
46	A Reflectarray Antenna Designed With Gain Filtering and Low-RCS Properties. IEEE Transactions on Antennas and Propagation, 2019, 67, 5362-5371.	5.1	33
47	Machine-Learning-Based 3-D Channel Modeling for U2V mmWave Communications. IEEE Internet of Things Journal, 2022, 9, 17592-17607.	8.7	33
48	On Channel Emulation Methods in Multiprobe Anechoic Chamber Setups for Over-the-Air Testing. IEEE Transactions on Vehicular Technology, 2018, 67, 6740-6751.	6.3	32
49	Beam-steerable microstrip-fed bow-tie antenna array for fifth generation cellular communications. , 2016, , .		31
50	Wideband or Dual-Band Low-Profile Circular Patch Antenna With High-Gain and Sidelobe Suppression. IEEE Transactions on Antennas and Propagation, 2018, 66, 3166-3171.	5.1	31
51	SIW Multibeam Antenna Array at 30 GHz for 5G Mobile Devices. IEEE Access, 2019, 7, 73157-73164.	4.2	31
52	Wide-scan phased array antenna fed by coax-to-microstriplines for 5G cell phones. , 2016, , .		30
53	Experimental Characterization of Millimeter-Wave Indoor Propagation Channels at 28 GHz. IEEE Access, 2018, 6, 76516-76526.	4.2	30
54	3D Radiation Pattern Reconfigurable Phased Array for Transmission Angle Sensing in 5G Mobile Communication. Sensors, 2018, 18, 4204.	3.8	29

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55	User Effects on the Circular Polarization of 5G Mobile Terminal Antennas. IEEE Transactions on Antennas and Propagation, 2018, 66, 4906-4911.	5.1	29
56	A Complexity-Efficient High Resolution Propagation Parameter Estimation Algorithm for Ultra-Wideband Large-Scale Uniform Circular Array. IEEE Transactions on Communications, 2019, 67, 5862-5874.	7.8	29
57	Improved Over-the-Air Phased Array Calibration Based on Measured Complex Array Signals. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1174-1178.	4.0	28
58	Wideband Vertically Polarized Antenna With Endfire Radiation for 5G Mobile Phone Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1948-1952.	4.0	28
59	Antenna for Ultrawideband Channel Sounding. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 692-695.	4.0	27
60	User-Shadowing Suppression for 5G mm-Wave Mobile Terminal Antennas. IEEE Transactions on Antennas and Propagation, 2019, 67, 4162-4172.	5.1	27
61	A Triple-Band Absorber With Wide Absorption Bandwidths Using an Impedance Matching Theory. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 521-525.	4.0	27
62	Empirical Study of Near Ground Propagation in Forest Terrain for Internet-of-Things Type Device-to-Device Communication. IEEE Access, 2018, 6, 54052-54063.	4.2	26
63	A Wideband 3-D Printed Reflectarray Antenna With Mechanically Reconfigurable Polarization. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1798-1802.	4.0	26
64	High-Isolation Dual-Polarized Leaky-Wave Antenna With Fixed Beam for Full-Duplex Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 7202-7212.	5.1	26
65	UWB Wind Turbine Blade Deflection Sensing for Wind Energy Cost Reduction. Sensors, 2015, 15, 19768-19782.	3.8	25
66	A Tunable RF Front-End With Narrowband Antennas for Mobile Devices. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3300-3310.	4.6	25
67	Throughput Modeling and Validations for MIMO-OTA Testing With Arbitrary Multipath. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 637-640.	4.0	25
68	A Channel Sounder for Massive MIMO and MmWave Channels. IEEE Communications Magazine, 2018, 56, 67-73.	6.1	25
69	Novel Architecture for LTE World-Phones. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1676-1679.	4.0	24
70	Concurrent Communication and Sensing in Cognitive Radio Devices: Challenges and an Enabling Solution. IEEE Transactions on Antennas and Propagation, 2014, 62, 1125-1137.	5.1	24
71	User Impact on Phased and Switch Diversity Arrays in 5G Mobile Terminals. IEEE Access, 2018, 6, 1616-1623.	4.2	24
72	Design and Implementation of a Wideband Dual-Polarized Plane Wave Generator With Tapered Feeding Nonuniform Array. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1988-1992.	4.0	24

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73	Amplitude modulated RF fields stemming from a GSM/DCS 1800 phone. <i>Wireless Networks</i> , 1997, 3, 489-498.	3.0	23
74	Numerical modeling of a spherical array of monopoles using FDTD method. <i>IEEE Transactions on Antennas and Propagation</i> , 2006, 54, 1952-1963.	5.1	23
75	On Angular Sampling Methods for 3-D Spatial Channel Models. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015, 14, 531-534.	4.0	23
76	Frequency-Invariant Uniform Circular Array for Wideband mm-Wave Channel Characterization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 641-644.	4.0	23
77	Phase-Compensated Optical Fiber-Based Ultrawideband Channel Sounder. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020, 68, 636-647.	4.6	23
78	A Broadband and FSS-Based Transmitarray Antenna for 5G Millimeter-Wave Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 103-107.	4.0	23
79	Channel Characterization for Wideband Large-Scale Antenna Systems Based on a Low-Complexity Maximum Likelihood Estimator. <i>IEEE Transactions on Wireless Communications</i> , 2018, 17, 6018-6028.	9.2	22
80	A Wavetrap-Based Decoupling Technique for 45° Polarized MIMO Antenna Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 2148-2157.	5.1	22
81	User Influence on MIMO Channel Capacity for Handsets in Data Mode Operation. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 633-643.	5.1	21
82	3D channel emulation in multi-probe setup. <i>Electronics Letters</i> , 2013, 49, 623-625.	1.0	21
83	On Small Terminal Antenna Correlation and Impact on MIMO Channel Capacity. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 689-699.	5.1	20
84	Tunable Handset Antenna: Enhancing Efficiency on TV White Spaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 2106-2111.	5.1	20
85	Measured 21.5 GHz Indoor Channels With User-Held Handset Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 6574-6583.	5.1	20
86	Over-the-Air Testing of MIMO-Capable Terminals: Evaluation of Multiple-Antenna Systems in Realistic Multipath Propagation Environments Using an OTA Method. <i>IEEE Vehicular Technology Magazine</i> , 2015, 10, 38-46.	3.4	19
87	Comparison of ray tracing simulations and channel measurements at mmWave bands for indoor scenarios. , 2016, , .		19
88	A Flexible Millimeter-Wave Radio Channel Emulator Design With Experimental Validations. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 6446-6451.	5.1	19
89	Over-the-Air Array Calibration of mmWave Phased Array in Beam-Steering Mode Based on Measured Complex Signals. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 7876-7888.	5.1	19
90	Spherical Horn Array for Wideband Propagation Measurements. <i>IEEE Transactions on Antennas and Propagation</i> , 2011, 59, 2654-2660.	5.1	18

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91	Test Zone Size Characterization With Measured MIMO Throughput for Simulated MPAC Configurations in Conductive Setups. IEEE Transactions on Vehicular Technology, 2017, 66, 10532-10536.	6.3	18
92	Near-Field Ultra-Wideband mmWave Channel Characterization Using Successive Cancellation Beamspace UCA Algorithm. IEEE Transactions on Vehicular Technology, 2019, 68, 7248-7259.	6.3	18
93	Assessing measurement distances for OTA testing of massive MIMO base station at 28 GHz. , 2017, , .		17
94	Interference Modeling for Low-Height Air-to-Ground Channels in Live LTE Networks. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2011-2015.	4.0	17
95	Cosynthesis of a Filtering Antenna With Harmonic Suppression. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1729-1733.	4.0	17
96	Calibration of a UWB Sub-Band Channel Model Using Simulated Annealing. IEEE Transactions on Antennas and Propagation, 2009, 57, 3439-3443.	5.1	16
97	No effect of TETRA hand portable transmission signals on human cognitive function and symptoms. Bioelectromagnetics, 2010, 31, 380-390.	1.6	16
98	Antenna Pattern Impact on MIMO OTA Testing. IEEE Transactions on Antennas and Propagation, 2013, 61, 5714-5723.	5.1	16
99	Experimental Evaluation of User Influence on Test Zone Size in Multi-Probe Anechoic Chamber Setups. IEEE Access, 2017, 5, 18545-18556.	4.2	16
100	A Millimeter-Wave Gain-Filtering Transmitarray Antenna Design Using a Hybrid Lens. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1362-1366.	4.0	16
101	Trajectory-Aided Maximum-Likelihood Algorithm for Channel Parameter Estimation in Ultrawideband Large-Scale Arrays. IEEE Transactions on Antennas and Propagation, 2020, 68, 7131-7143.	5.1	16
102	Diffuse Scattering Model of Indoor Wideband Propagation. IEEE Transactions on Antennas and Propagation, 2011, 59, 3006-3012.	5.1	15
103	Wideband Low-Profile Dual-Polarized Phased Array With Endfire Radiation Patterns for 5G Mobile Applications. IEEE Transactions on Vehicular Technology, 2021, 70, 8431-8440.	6.3	15
104	Handset Frame Blockage Reduction of 5G mm-Wave Phased Arrays Using Hard Surface Inspired Structure. IEEE Transactions on Vehicular Technology, 2020, 69, 8132-8139.	6.3	15
105	Antenna Miniaturization with MEMS Tunable Capacitors: Techniques and Trade-Offs. International Journal of Antennas and Propagation, 2014, 2014, 1-8.	1.2	14
106	Validation of 5G METIS map-based channel model at mmwave bands in indoor scenarios. , 2016, , .		14
107	Measurement of Attenuation by Building Structures in Cellular Network Bands. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2260-2263.	4.0	14
108	Achieving Wireless Cable Testing of High-Order MIMO Devices With a Novel Closed-Form Calibration Method. IEEE Transactions on Antennas and Propagation, 2021, 69, 478-487.	5.1	14

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109	Characterization of the Indoor/Outdoor to Indoor MIMO Radio Channel at 2.140 GHz. <i>Wireless Personal Communications</i> , 2005, 35, 289-309.	2.7	13
110	Measurement Verification of Plane Wave Synthesis Technique Based on Multi-Probe MIMO-OTA Setup. , 2012, , .		13
111	Orientation Sensing Using Multiple Passive RFID Tags. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 176-179.	4.0	13
112	3D Channel Model Emulation in a MIMO OTA Setup. , 2013, , .		13
113	Channel Spatial Correlation Reconstruction in Flexible Multiprobe Setups. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013, 12, 1724-1727.	4.0	13
114	A Digital Signal Recovery Technique Using DNNs for LEO Satellite Communication Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 6141-6151.	7.9	13
115	Directional space-time modulation: A novel approach for secured wireless communication. , 2012, , .		12
116	Interference Helps to Equalize the Read Range and Reduce False Positives of Passive RFID Tags. <i>IEEE Transactions on Industrial Electronics</i> , 2012, 59, 4821-4830.	7.9	12
117	Forward Scattering of Loaded and Unloaded Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 5663-5668.	5.1	12
118	Experimental investigation on the effect of user's hand proximity on a compact ultrawideband MIMO antenna array. <i>IET Microwaves, Antennas and Propagation</i> , 2016, 10, 1402-1410.	1.4	12
119	Dielectric Properties of Human Hand Tissue for Handheld Devices Testing. <i>IEEE Access</i> , 2019, 7, 61949-61959.	4.2	12
120	On Angular Sampling Intervals for Reconstructing Wideband Channel Spatial Profiles in Directional Scanning Measurements. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 13910-13915.	6.3	12
121	User's Impact on PIFA Antennas in Mobile Phones. , 2009, , .		11
122	Future Vogues in Handset Antenna Systems. , 2011, , .		11
123	Potential of RFID Systems to Detect Object Orientation. , 2011, , .		11
124	On Antenna Design Objectives and the Channel Capacity of MIMO Handsets. <i>IEEE Transactions on Antennas and Propagation</i> , 2014, 62, 3232-3241.	5.1	11
125	A 2-order MIMO full-duplex antenna system. , 2014, , .		11
126	Ultrawideband VNA based channel sounding system for centimetre and millimetre wave bands. , 2016, , .		11

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127	Absorption Related to Hand-Held Devices in Data Mode. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 47-53.	2.2	11
128	Channel Sounding System for MM-Wave Bands and Characterization of Indoor Propagation at 28 GHz. International Journal of Wireless Information Networks, 2017, 24, 204-216.	2.7	11
129	A Map-Free Indoor Localization Method Using Ultrawideband Large-Scale Array Systems. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1682-1686.	4.0	11
130	Comparing Channel Emulation Algorithms by Using Plane Waves and Spherical Vector Waves in Multiprobe Anechoic Chamber Setups. IEEE Transactions on Antennas and Propagation, 2019, 67, 4091-4103.	5.1	11
131	Virtual Drive Testing Over-the-Air for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 1203-1213.	6.3	11
132	Design and Experimental Validation of Automated Millimeter-Wave phased Array Antenna-in-Package (AiP) Experimental Platform. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	11
133	Wideband Slot Array Antenna Fed by Open-Ended Rectangular Waveguide at W-Band. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 666-670.	4.0	11
134	Challenges for Frequency-Reconfigurable Antennas in Small Terminals. , 2012, , .		10
135	Modified biconical antenna for ultrawideband applications. , 2016, , .		10
136	Virtual Large-Scale Array Beamforming Analysis Using Measured Subarray Antenna Patterns. IEEE Access, 2017, 5, 19812-19823.	4.2	10
137	Wireless Cable Method for High-Order MIMO Terminals Based on Particle Swarm Optimization Algorithm. IEEE Transactions on Antennas and Propagation, 2018, 66, 5536-5545.	5.1	10
138	X-Band Dual Circularly Polarized Patch Antenna With High Gain for Small Satellites. IEEE Access, 2019, 7, 74925-74930.	4.2	10
139	A Novel 5G Frequency Nonstationary Wireless Channel Model. IEEE Transactions on Antennas and Propagation, 2021, 69, 4846-4860.	5.1	10
140	Design and Validation of the Phase-Compensated Long-Range Sub-THz VNA-Based Channel Sounder. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2461-2465.	4.0	10
141	On the Performance of Link Adaptation Techniques in MIMO Systems. Wireless Personal Communications, 2007, 42, 543-561.	2.7	9
142	Energy detection using very large antenna array receivers. , 2014, , .		9
143	Rician Channel Modeling for Multiprobe Anechoic Chamber Setups. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1761-1764.	4.0	9
144	Multipath Suppression With an Absorber for UWB Wind Turbine Blade Deflection Sensing Systems. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2583-2595.	4.6	9

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145	Reproducing standard SCME channel models for massive MIMO base station radiated testing. , 2017, , .		9
146	Emulating Dynamic Radio Channels for Radiated Testing of Massive MIMO Devices. , 2018, , .		9
147	Transparent mm-Wave Array on a Glass Substrate with Surface Wave Reduction. , 2020, , .		9
148	Tunable antennas for mobile devices: Achieving high performance in compelling form factors. , 2014, , .		8
149	Evaluation of massive MIMO systems using time-reversal beamforming technique. , 2016, , .		8
150	Design and Evaluation of Full-Duplex Terminal Antennas in Realistic User Scenarios. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1851-1854.	4.0	8
151	Comparison of stationarity regions for wireless channels from 2 GHz to 30 GHz. , 2017, , .		8
152	Over-the-Air Testing of 5G Communication Systems: Validation of the Test Environment in Simple-Sectorized Multiprobe Anechoic Chamber Setups. IEEE Antennas and Propagation Magazine, 2021, 63, 40-50.	1.4	8
153	Characterization and Modeling of the User Blockage for 5G Handset Antennas. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	8
154	Design of a Triple-Band Shared-Aperture Antenna With High Figures of Merit. IEEE Transactions on Antennas and Propagation, 2021, 69, 8884-8889.	5.1	8
155	Diversity Properties of Multiantenna Small Handheld Terminals. Eurasip Journal on Advances in Signal Processing, 2004, 2004, 1.	1.7	7
156	Tuning Range Optimization of a Planar Inverted F Antenna for the LTE Low Frequency Bands. , 2011, , .		7
157	Port Isolation Method for MIMO Antenna in Small Terminals for Next Generation Mobile Networks. , 2011, , .		7
158	Is there any exposure from a mobile phone in stand-by mode?. Electromagnetic Biology and Medicine, 2012, 31, 52-56.	1.4	7
159	Influence of nearby obstacles on the feasibility of a Huygens box as a field source. , 2012, , .		7
160	Measurement uncertainty investigation in the multi-probe OTA setups. , 2014, , .		7
161	Aspects of High-Q Tunable Antennas and Their Deployment for 4G Mobile Communications [Antenna Applications Corner]. IEEE Antennas and Propagation Magazine, 2016, 58, 70-81.	1.4	7
162	Over-the-Air Testing for Carrier Aggregation Enabled MIMO Terminals Using Radiated Two-Stage Method. IEEE Access, 2018, 6, 71622-71631.	4.2	7

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163	Analysis of Simulated and Measured Indoor Channels for mm-Wave Beamforming Applications. International Journal of Antennas and Propagation, 2018, 2018, 1-17.	1.2	7
164	Frequency Characteristics of Geometry-Based Clusters in Indoor Hall Environment at SHF Bands. IEEE Access, 2019, 7, 75420-75433.	4.2	7
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