

# Shuai Zhang

## List of Publications by Year in descending order

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207  
papers

6,479  
citations

87888

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docs citations

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times ranked

4986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved landslide susceptibility mapping using unsupervised and supervised collaborative machine learning models. <i>Georisk</i> , 2023, 17, 387-405.	3.5	9
2	Dual-Band Shared Aperture Reflectarray and Patch Antenna Array for S- and Ka-Bands. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 2340-2345.	5.1	36
3	Wideband Low-Sidelobe Slot Array Antenna With Compact Tapering Feeding Network for E-Band Wireless Communications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 2676-2685.	5.1	7
4	Soil heavy metal pollution of industrial legacies in China and health risk assessment. <i>Science of the Total Environment</i> , 2022, 816, 151632.	8.0	82
5	Design of Zero Clearance SIW Endfire Antenna Array Using Machine Learning-Assisted Optimization. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 3858-3863.	5.1	9
6	Discrete element modeling of shear wave propagation in carbonate precipitate-cemented particles. <i>Acta Geotechnica</i> , 2022, 17, 2633-2649.	5.7	3
7	Hierarchical Self-Assembly Pathways of Peptoid Helices and Sheets. <i>Biomacromolecules</i> , 2022, 23, 992-1008.	5.4	19
8	Setting Times of Early-Age Mortars Determined from Evolution Curves of Poisson's Ratio. <i>Materials</i> , 2022, 15, 853.	2.9	1
9	Dual-Polarized Wide-Angle Scanning Phased Array Antenna for 5G Communication Systems. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 7427-7438.	5.1	28
10	The Migration and Deposition Behaviors of Montmorillonite and Kaolinite Particles in a Two-Dimensional Micromodel. <i>Materials</i> , 2022, 15, 855.	2.9	6
11	Wideband Slot Array Antenna Fed by Open-Ended Rectangular Waveguide at W-Band. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 666-670.	4.0	11
12	On the Study of Reconfigurable Intelligent Surfaces in the Near-Field Region. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 8718-8728.	5.1	11
13	Decision analysis on disposal of large quantities of excavated soft soil in abandoned mines using a Bayesian network. <i>International Journal of Mining, Reclamation and Environment</i> , 2022, 36, 419-442.	2.8	1
14	Rotational dynamics and transition mechanisms of surface-adsorbed proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2020242119.	7.1	6
15	Impact of Nanoparticle Size and Surface Chemistry on Peptoid Self-Assembly. <i>ACS Nano</i> , 2022, 16, 8095-8106.	14.6	9
16	Chemically Tunable Aspect Ratio Control and Laser Refrigeration of Hexagonal Sodium Yttrium Fluoride Upconverting Materials. <i>Crystal Growth and Design</i> , 2022, 22, 3605-3612.	3.0	4
17	Investigation on user shadow suppression for mobile handset antenna at 28GHz. , 2022, , .		2
18	EMF Exposure of Human Head by Handset mmWave Phased Antenna Array. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
19	Circularly Polarized Shared Aperture Reflectarray and Patch Antenna Array for S- and Ka-Band. , 2022, , .		2
20	Dual-Band Metal Frame Blockage Reduction for 5G mm-Wave Arrays in Mobile Phones. , 2022, , .		0
21	An Overview of Metamaterial Absorbers and Their Applications on Antennas. , 2022, , .		1
22	Engineering Biomolecular Self-Assembly at Solid-Liquid Interfaces. <i>Advanced Materials</i> , 2021, 33, e1905784.	21.0	25
23	Noncontact Group-Delay-Based Sensor for Metal Deformation and Crack Detection. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 7613-7619.	7.9	17
24	A Dual-Polarized and High-Gain X/Ka-Band Shared-Aperture Antenna With High Aperture Reuse Efficiency. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 1334-1344.	5.1	50
25	Quantifying the Dynamics of Protein Self-Organization Using Deep Learning Analysis of Atomic Force Microscopy Data. <i>Nano Letters</i> , 2021, 21, 158-165.	9.1	17
26	A Planar Dual-Polarized Phased Array With Broad Bandwidth and Quasi-Endfire Radiation for 5G Mobile Handsets. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 6410-6419.	5.1	44
27	Characterization and Modeling of the User Blockage for 5G Handset Antennas. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-11.	4.7	8
28	Fast Power Density Assessment of 5G Mobile Handset Using Equivalent Currents Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 6857-6869.	5.1	12
29	Wide-Band and Wide-Angle Scanning Phased Array Antenna for Mobile Communication System. <i>IEEE Open Journal of Antennas and Propagation</i> , 2021, 2, 203-212.	3.7	31
30	Test Reduction for Power Density Emitted by Handset mmWave Antenna Arrays. <i>IEEE Access</i> , 2021, 9, 23127-23138.	4.2	7
31	GIS-based soil planar slide susceptibility mapping using logistic regression and neural networks: a typical red mudstone area in southwest China. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 852-879.	4.3	5
32	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
33	A Body-Blockage Analysis and Comparison Between Humans and a Full-Body Phantom: Using Measurements at 28 GHz. <i>IEEE Antennas and Propagation Magazine</i> , 2021, , 2-13.	1.4	3
34	Multi-mode dual-polarised cavity backed patch antenna array for 5G mobile devices. <i>IET Microwaves, Antennas and Propagation</i> , 2021, 15, 280-288.	1.4	5
35	Nanoparticle-Mediated Assembly of Peptoid Nanosheets Functionalized with Solid-Binding Proteins: Designing Heterostructures for Hierarchy. <i>Nano Letters</i> , 2021, 21, 1636-1642.	9.1	31
36	A Decoupling and Matching Network With Harmonic Suppression for MIMO Antennas. , 2021, , .		2

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37	Dual S- and X-Band Shared Aperture Antenna for Nano-Satellite Applications. , 2021, , .		4
38	Hybrid Switchable Phased Array with p-i-n Diodes for 5G Mobile Terminals. , 2021, , .		4
39	Wideband Reduction of the Metal-Frame Blockage to mm-Wave Antennas. , 2021, , .		1
40	Single Feed Multi-Resonant Connected Metasurface Antenna for Nano-Satellite Applications. , 2021, , .		2
41	Disentangling Rotational Dynamics and Ordering Transitions in a System of Self-Organizing Protein Nanorods <i>via</i> Rotationally Invariant Latent Representations. ACS Nano, 2021, 15, 6471-6480.	14.6	19
42	A Dual-Band Shared-Aperture Antenna With Wide-Angle Scanning Capability for Mobile System Applications. IEEE Transactions on Vehicular Technology, 2021, 70, 4088-4097.	6.3	35
43	Programmable two-dimensional nanocrystals assembled from POSS-containing peptoids as efficient artificial light-harvesting systems. Science Advances, 2021, 7, .	10.3	20
44	A Side-Loaded-Metal Decoupling Method for 2 $\times$ N Patch Antenna Arrays. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 668-672.	4.0	7
45	Ion-dependent protein-surface interactions from intrinsic solvent response. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	10
46	Parallel realistic visualization of particle-based fluid. Computer Animation and Virtual Worlds, 2021, 32, e2019.	1.2	3
47	Decoupling of a Wideband Dual-Polarized Large-Scale Antenna Array With Dielectric Stubs. IEEE Transactions on Vehicular Technology, 2021, 70, 7363-7374.	6.3	21
48	A Novel Aperture-Loaded Decoupling Concept for Patch Antenna Arrays. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4272-4283.	4.6	11
49	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
50	Evaluating iron remediation with limestone using spectral induced polarization and microscopic techniques. Science of the Total Environment, 2021, 800, 149641.	8.0	6
51	Peptoid-directed assembly of CdSe nanoparticles. Nanoscale, 2021, 13, 1273-1282.	5.6	18
52	Broadband Dual-Polarized Antenna Array With Endfire Radiation for 5G Mobile Phone Applications. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2427-2431.	4.0	14
53	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
54	A Simple Decoupling Network With Filtering Response for Patch Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 7427-7439.	5.1	37

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55	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
56	Monitoring and Quantitative Human Risk Assessment of Municipal Solid Waste Landfill Using Integrated Satellite-UAV Ground Survey Approach. Remote Sensing, 2021, 13, 4496.	4.0	5
57	Antenna Designs for Mobile Handsets With Consideration of 3GPP Requirements in FR2. , 2021, , .		0
58	Deep Learning Based Recommender System. ACM Computing Surveys, 2020, 52, 1-38.	23.0	811
59	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
60	A Wavetrap-Based Decoupling Technique for 45° Polarized MIMO Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2020, 68, 2148-2157.	5.1	22
61	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
62	A Metasurface Superstrate for Mutual Coupling Reduction of Large Antenna Arrays. IEEE Access, 2020, 8, 126859-126867.	4.2	51
63	Incident Power Density Assessment Study for 5G Millimeter-Wave Handset Based on Equivalent Currents Method. , 2020, , .		2
64	Retrieval of Effective Permittivity and Permeability of Periodic Structures on Dielectric and Magnetic Substrates. , 2020, , .		1
65	Transparent mm-Wave Array on a Glass Substrate with Surface Wave Reduction. , 2020, , .		9
66	Assembly of a patchy protein into variable 2D lattices via tunable multiscale interactions. Nature Communications, 2020, 11, 3770.	12.8	31
67	A Novel Lens Antenna Design Based on a Bed of Nails Metasurface for New Generation Mobile Devices. , 2020, , .		4
68	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
69	Cosynthesis of a Filtering Antenna With Harmonic Suppression. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1729-1733.	4.0	17
70	User body effects on mobile antennas and wireless systems of 5G communication. , 2020, , .		6
71	Shared Aperture Dual S- and X-band Antenna for Nano-Satellite Applications. , 2020, , .		9
72	Frequency Reconfigurable Endfire Vertical Polarized Array for 5G Handset Applications. , 2020, , .		1

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73	A Wideband 3-D Printed Reflectarray Antenna With Mechanically Reconfigurable Polarization. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1798-1802.	4.0	26
74	Guest Editorial: Special Cluster on 5G/6G Enabling Antenna Systems and Associated Testing Technologies. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1916-1919.	4.0	1
75	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
76	A Wideband Filtering Antenna Array With Harmonic Suppression. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4327-4339.	4.6	43
77	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
78	A Simple and Wideband Decoupling Method for Antenna Array Applications. , 2020, , .		1
79	MEMS Tunable Frame Antennas Enabling Carrier Aggregation at 600 Mhz. IEEE Access, 2020, 8, 98705-98715.	4.2	3
80	Sequence-Structure-Binding Relationships Reveal Adhesion Behavior of the Car9 Solid-Binding Peptide: An Integrated Experimental and Simulation Study. Journal of the American Chemical Society, 2020, 142, 2355-2363.	13.7	21
81	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
82	A Multi-Band Magneto-Electric Dipole Antenna With Wide Beam-Width. IEEE Access, 2020, 8, 68820-68827.	4.2	15
83	Wind Turbine Blade Deflection Sensing Using Blade-Mounted Ultrawideband Antennas. , 2020, , .		0
84	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
85	Mutual Coupling Reduction for Linearly Arranged MIMO Antenna. , 2019, , .		7
86	Wideband Beam-Switchable 28 GHz Quasi-Yagi Array for Mobile Devices. IEEE Transactions on Antennas and Propagation, 2019, 67, 6870-6882.	5.1	62
87	X-Band Dual Circularly Polarized Patch Antenna With High Gain for Small Satellites. IEEE Access, 2019, 7, 74925-74930.	4.2	10
88	Design of an Absorptive Fabry-Perot Polarizer and Its Application. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1352-1356.	4.0	5
89	A Low-Profile Patch Antenna With Monopole-Like Radiation Patterns. , 2019, , .		3
90	Mutual Coupling Suppression With Decoupling Ground for Massive MIMO Antenna Arrays. IEEE Transactions on Vehicular Technology, 2019, 68, 7273-7282.	6.3	75

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91	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
92	SIW Multibeam Antenna Array at 30 GHz for 5G Mobile Devices. IEEE Access, 2019, 7, 73157-73164.	4.2	31
93	A Reflectarray Antenna Designed With Gain Filtering and Low-RCS Properties. IEEE Transactions on Antennas and Propagation, 2019, 67, 5362-5371.	5.1	33
94	User-Shadowing Suppression for 5G mm-Wave Mobile Terminal Antennas. IEEE Transactions on Antennas and Propagation, 2019, 67, 4162-4172.	5.1	27
95	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
96	A Transmission-Line-Based Decoupling Method for MIMO Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 3117-3131.	5.1	81
97	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
98	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
99	Mutual Coupling Reduction of Slot Array Antenna for 5G Millimeter-wave Handset. , 2019, , .		3
100	Design of an Absorber for Large Incident Angles with Antenna Reciprocity. , 2019, , .		3
101	Wideband SIW Horn Antenna with Phase Correction for New Generation Beam Steerable Arrays. , 2019, , .		1
102	Compact broadband circularly-polarised antenna with a backed cavity for UHF RFID applications. IET Microwaves, Antennas and Propagation, 2019, 13, 789-795.	1.4	9
103	Wideband Endfire On-Glass Array for 5G Handset Applications. , 2019, , .		1
104	A Novel Finger-Controlled Passive RFID Tag Design for Human-Machine Interaction. Sensors, 2019, 19, 5125.	3.8	7
105	Radiation Pattern Reconfigurable mm-Wave Bow-Tie Array Integrated with PIFA Antenna. , 2019, , .		2
106	Integration and Evaluation of Antenna Systems for 5G mmWave Mobile Device. , 2019, , .		1
107	Millimeter-Wave Antenna Arrays with Beam Steering for 5G Mobile Terminals. , 2019, , .		0
108	Spherical Coverage Characterization of 5G Millimeter Wave User Equipment With 3GPP Specifications. IEEE Access, 2019, 7, 4442-4452.	4.2	51

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109	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
110	Direct Observation of the Orientational Anisotropy of Buried Hydroxyl Groups inside Muscovite Mica. Journal of the American Chemical Society, 2019, 141, 2135-2142.	13.7	23
111	User Impact on Phased and Switch Diversity Arrays in 5G Mobile Terminals. IEEE Access, 2018, 6, 1616-1623.	4.2	24
112	Antenna Gain Impact on UWB Wind Turbine Blade Deflection Sensing. IEEE Access, 2018, 6, 20497-20505.	4.2	2
113	A Review of Mutual Coupling in MIMO Systems. IEEE Access, 2018, 6, 24706-24719.	4.2	281
114	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
115	In Situ TEM and AFM Investigation of Morphological Controls during the Growth of Single Crystal BaWO <sub>4</sub> . Crystal Growth and Design, 2018, 18, 1367-1375.	3.0	20
116	Investigation of User Effects on Mobile Phased Antenna Array from 5 to 6 GHz. , 2018, , .		6
117	A Wide Band Compact Size UHF Band Monopole Clustered with L and S Band Dipoles for Self-networking Communication in Handset Devices. , 2018, , .		1
118	3D Radiation Pattern Reconfigurable Phased Array for Transmission Angle Sensing in 5G Mobile Communication. Sensors, 2018, 18, 4204.	3.8	29
119	High gain k-band patch antenna for low earth orbit interlink between nanosatellites. , 2018, , .		2
120	Effects of Phone Case and User Effects on Switched-Beam High Gain Antenna System for 5G Mobile Terminals. , 2018, , .		1
121	Conceptual design and optimization of scramjet engines using the exergy method. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	4
122	Numerical Modeling of Ultrawideband Propagation Along a Wind Turbine Blade. IEEE Transactions on Antennas and Propagation, 2018, 66, 6570-6579.	5.1	4
123	Auditing of Ultra Dense RFID Straws in Cryogenic Container at -196°C. , 2018, , .		2
124	E-plane Beam Width Reconfigurable Dipole Antenna with Tunable Parasitic Strip. , 2018, , .		1
125	Beam-steerable Multi-band Mm-wave Bow-tie Antenna Array for Mobile Terminals. , 2018, , .		9
126	Substrate-insensitive Phased Array with Improved Circularly-polarized Scan Angle for 5G Mobile Terminals. , 2018, , .		1



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127	Finger Ring Phased Antenna Array for 5G IoT and Sensor Networks at 28 GHz. , 2018, , .		3
128	Building two-dimensional materials one row at a time: Avoiding the nucleation barrier. Science, 2018, 362, 1135-1139.	12.6	155
129	A Wideband Single-Fed, Circularly-Polarized Patch Antenna With Enhanced Axial Ratio Bandwidth for UHF RFID Reader Applications. IEEE Access, 2018, 6, 55883-55892.	4.2	41
130	User Effects on the Circular Polarization of 5G Mobile Terminal Antennas. IEEE Transactions on Antennas and Propagation, 2018, 66, 4906-4911.	5.1	29
131	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
132	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
133	Dual-polarized Dual-band Mobile 5G Antenna Array. , 2018, , .		0
134	Performance Investigation of a Mobile Terminal Phased Array With User Effects at 3.5 GHz for LTE Advanced. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1847-1850.	4.0	23
135	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
136	Tuning crystallization pathways through sequence engineering of biomimetic polymers. Nature Materials, 2017, 16, 767-774.	27.5	116
137	Antenna mutual coupling effect on MIMO-OFDM system in the presence of phase noise. , 2017, , .		3
138	Antenna array construction on a mobile terminal chassis at 3.5 GHz for LTE advanced. , 2017, , .		2
139	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
140	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
141	Extremely low-profile circular patch-ring antenna with a shorting via for impedance matching improvement. , 2017, , .		1
142	Circularly polarized planar helix phased antenna array for 5G mobile terminals. , 2017, , .		11
143	Application of numerical dispersion compensation of the Yee-FDTD algorithm on elongated domains. , 2017, , .		4
144	On MIMO&#x2013;FMC in the Presence of Phase Noise and Antenna Mutual Coupling. Radio Science, 2017, 52, 1386-1394.	1.6	11

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145	Multiplexing efficiency for MIMO antennaâ€channel impairment characterisation in realistic multipath environments. IET Microwaves, Antennas and Propagation, 2017, 11, 524-528.	1.4	21
146	Compact Wideband and Low-Profile Antenna Mountable on Large Metallic Surfaces. IEEE Transactions on Antennas and Propagation, 2017, 65, 6-16.	5.1	29
147	Channel Characteristics and User Body Effects in an Outdoor Urban Scenario at 15 and 28 GHz. IEEE Transactions on Antennas and Propagation, 2017, 65, 6534-6548.	5.1	30
148	Switchable Phased Antenna Array with Passive Elements for 5G Mobile Terminals. , 2017, , .		1
149	A Facile Route to Synthesize Nanographene Reinforced PBO Composites Fiber via in Situ Polymerization. Polymers, 2016, 8, 251.	4.5	11
150	Netted waveguide antenna for UWB wind turbine blade deflection monitoring. , 2016, , .		1
151	Compact notch slot antenna with quasi-isotropic radiation for UHF RFID tags. , 2016, , .		0
152	Modified Vivaldi antenna with improved gain and phase center stability. , 2016, , .		3
153	Wind turbine blade deflection sensing system based on UWB technology. , 2016, , .		2
154	Investigation of a UWB Wind Turbine Blade Deflection Sensing System With a Tip Antenna Inside a Blade. IEEE Sensors Journal, 2016, 16, 7892-7902.	4.7	13
155	Antenna Design for Diversity and MIMO Application. , 2016, , 1479-1530.		2
156	Mobile terminal LTE MIMO antennas for 700 MHz LTE band. , 2016, , .		1
157	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
158	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
159	UWB Wind Turbine Blade Deflection Sensing for Wind Energy Cost Reduction. Sensors, 2015, 15, 19768-19782.	3.8	25
160	Compact broadband circularly polarised slot antenna for universal UHF RFID readers. Electronics Letters, 2015, 51, 808-809.	1.0	16
161	Investigation of Diagonal Antenna-Chassis Mode in Mobile Terminal LTE MIMO Antennas for Bandwidth Enhancement. IEEE Antennas and Propagation Magazine, 2015, 57, 217-228.	1.4	35
162	Compact printed two dipole array antenna with a high frontâ€back ratio for ultraâ€highâ€frequency radioâ€frequency identification handheld reader applications. IET Microwaves, Antennas and Propagation, 2015, 9, 73-78.	1.4	1

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163	Body-Insensitive Multimode MIMO Terminal Antenna of Double-Ring Structure. IEEE Transactions on Antennas and Propagation, 2015, 63, 1925-1936.	5.1	35
164	Scaffolded multimers of hIAPP <sub>20-29</sub> peptide fragments fibrillate faster and lead to different fibrils compared to the free hIAPP <sub>20-29</sub> peptide fragment. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1890-1897.	2.3	11
165	Antenna Design for Diversity and MIMO Application. , 2015, , 1-43.		4
166	MIMO REFERENCE ANTENNAS WITH CONTROLLABLE CORRELATIONS AND TOTAL EFFICIENCIES. Progress in Electromagnetics Research, 2014, 145, 115-121.	4.4	10
167	A GENERAL METHOD FOR DESIGNING A RADOME TO ENHANCE THE SCANNING ANGLE OF A PHASED ARRAY ANTENNA. Progress in Electromagnetics Research, 2014, 145, 203-212.	4.4	15
168	Impact of size and decoupling element on some fundamental compact MIMO antennas. , 2014, , .		4
169	SAR study for smart watch applications. , 2014, , .		10
170	The Importance of Being Capped: Terminal Capping of an Amyloidogenic Peptide Affects Fibrillation Propensity and Fibril Morphology. Biochemistry, 2014, 53, 6968-6980.	2.5	33
171	Compact RFID Tag Antenna With Circular Polarization and Embedded Feed Network for Metallic Objects. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1271-1274.	4.0	16
172	Adaptive Quad-Element Multi-Wideband Antenna Array for User-Effective LTE MIMO Mobile Terminals. IEEE Transactions on Antennas and Propagation, 2013, 61, 4275-4283.	5.1	80
173	Diagonal antenna-chassis mode for wideband LTE MIMO antenna arrays in mobile handsets. , 2013, , .		5
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