

# Chan Hwang See

## List of Publications by Year in descending order

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179  
papers

3,577  
citations

147566

31  
h-index

168136

53  
g-index

181  
all docs

181  
docs citations

181  
times ranked

2070  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Survey on "Various Decoupling Mechanisms With Focus on Metamaterial and Metasurface Principles Applicable to SAR and MIMO Antenna Systems" IEEE Access, 2020, 8, 192965-193004.	2.6	244
2	A Comprehensive Survey of "Metamaterial Transmission-Line Based Antennas: Design, Challenges, and Applications" IEEE Access, 2020, 8, 144778-144808.	2.6	202
3	Wideband Printed MIMO/Diversity Monopole Antenna for WiFi/WiMAX Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 2028-2035.	3.1	162
4	Mutual Coupling Suppression Between Two Closely Placed Microstrip Patches Using EM-Bandgap Metamaterial Fractal Loading. IEEE Access, 2019, 7, 23606-23614.	2.6	140
5	Multiple Band-Notched UWB Antenna With Band-Rejected Elements Integrated in the Feed Line. IEEE Transactions on Antennas and Propagation, 2013, 61, 3952-3960.	3.1	121
6	Study on isolation improvement between closely packed patch antenna arrays based on fractal metamaterial electromagnetic bandgap structures. IET Microwaves, Antennas and Propagation, 2018, 12, 2241-2247.	0.7	118
7	Mutual-Coupling Isolation Using Embedded Metamaterial EM Bandgap Decoupling Slab for Densely Packed Array Antennas. IEEE Access, 2019, 7, 51827-51840.	2.6	112
8	Study on on-Chip Antenna Design Based on Metamaterial-Inspired and Substrate-Integrated Waveguide Properties for Millimetre-Wave and THz Integrated-Circuit Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2021, 42, 17-28.	1.2	89
9	High-Gain On-Chip Antenna Design on Silicon Layer With Aperture Excitation for Terahertz Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1576-1580.	2.4	86
10	Metamaterial-Inspired Antenna Array for Application in Microwave Breast Imaging Systems for Tumor Detection. IEEE Access, 2020, 8, 174667-174678.	2.6	83
11	Isolation enhancement of densely packed array antennas with periodic MTM photonic bandgap for SAR and MIMO systems. IET Microwaves, Antennas and Propagation, 2020, 14, 183-188.	0.7	77
12	High-isolation antenna array using SIW and realized with a graphene layer for sub-terahertz wireless applications. Scientific Reports, 2021, 11, 10218.	1.6	77
13	Surface Wave Reduction in Antenna Arrays Using Metasurface Inclusion for MIMO and SAR Systems. Radio Science, 2019, 54, 1067-1075.	0.8	71
14	Antenna Mutual Coupling Suppression Over Wideband Using Embedded Periphery Slot for Antenna Arrays. Electronics (Switzerland), 2018, 7, 198.	1.8	68
15	Interaction Between Closely Packed Array Antenna Elements Using Meta-Surface for Applications Such as MIMO Systems and Synthetic Aperture Radars. Radio Science, 2018, 53, 1368-1381.	0.8	68
16	Study on improvement of the performance parameters of a novel 0.41-0.47 THz on-chip antenna based on metasurface concept realized on 50 nm GaAs-layer. Scientific Reports, 2020, 10, 11034.	1.6	64
17	META-SURFACE WALL SUPPRESSION OF MUTUAL COUPLING BETWEEN MICROSTRIP PATCH ANTENNA ARRAYS FOR THZ-BAND APPLICATIONS. Progress in Electromagnetics Research Letters, 2018, 75, 105-111.	0.4	63
18	High-Isolation Leaky-Wave Array Antenna Based on CRLH-Metamaterial Implemented on SIW with $\pm 30^\circ$ Frequency Beam-Scanning Capability at Millimetre-Waves. Electronics (Switzerland), 2019, 8, 642.	1.8	61

#	ARTICLE	IF	CITATIONS
19	Dual-Polarized Highly Folded Bowtie Antenna With Slotted Self-Grounded Structure for Sub-6 GHz 5G Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 3028-3033.	3.1	61
20	Beam-scanning leaky-wave antenna based on CRLH-metamaterial for millimeter-wave applications. IET Microwaves, Antennas and Propagation, 2019, 13, 1129-1133.	0.7	58
21	High-Gain Metasurface in Polyimide On-Chip Antenna Based on CRLH-TL for Sub-Terahertz Integrated Circuits. Scientific Reports, 2020, 10, 4298.	1.6	54
22	Ultra-Wideband Dual-Polarized Patch Antenna With Four Capacitively Coupled Feeds. IEEE Transactions on Antennas and Propagation, 2014, 62, 2440-2449.	3.1	52
23	DESIGN AND ANALYSIS OF PLANAR ULTRA-WIDEBAND ANTENNA WITH DUAL BAND-NOTCHED FUNCTION. Progress in Electromagnetics Research, 2012, 127, 523-536.	1.6	42
24	Wideband printed monopole antenna for application in wireless communication systems. IET Microwaves, Antennas and Propagation, 2018, 12, 1222-1230.	0.7	41
25	A Jug-Shaped CPW-Fed Ultra-Wideband Printed Monopole Antenna for Wireless Communications Networks. Applied Sciences (Switzerland), 2022, 12, 821.	1.3	41
26	A Crescent-Shaped Multiband Planar Monopole Antenna for Mobile Wireless Applications. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 152-155.	2.4	39
27	Impedance Bandwidth Improvement of a Planar Antenna Based on Metamaterial-Inspired T-Matching Network. IEEE Access, 2021, 9, 67916-67927.	2.6	38
28	Improved adaptive impedance matching for RF front-end systems of wireless transceivers. Scientific Reports, 2020, 10, 14065.	1.6	37
29	A Low-Profile Ultra-Wideband Modified Planar Inverted-F Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 100-108.	3.1	35
30	Design and Optimization of a Slotted Monopole Antenna for Ultra-Wide Band Body Centric Imaging Applications. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2020, 4, 140-147.	2.3	34
31	An Active Microwave Sensor for Near Field Imaging. IEEE Sensors Journal, 2017, 17, 2749-2757.	2.4	32
32	Super-Wide Impedance Bandwidth Planar Antenna for Microwave and Millimeter-Wave Applications. Sensors, 2019, 19, 2306.	2.1	32
33	A Novel Meander Bowtie-Shaped Antenna with Multi-Resonant and Rejection Bands for Modern 5G Communications. Electronics (Switzerland), 2022, 11, 821.	1.8	31
34	Miniaturized Tapered Slot Antenna With Signal Rejection in 5-6-GHz Band Using a Balun. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 507-510.	2.4	30
35	A New mm-Wave Antenna Array with Wideband Characteristics for Next Generation Communication Systems. Electronics (Switzerland), 2022, 11, 1560.	1.8	30
36	Dual-Frequency Planar Inverted F-L-Antenna (PIFLA) for WLAN and Short Range Communication Systems. IEEE Transactions on Antennas and Propagation, 2008, 56, 3318-3320.	3.1	29

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37	A Low Power Wireless Sensor Network for Gully Pot Monitoring in Urban Catchments. IEEE Sensors Journal, 2011, , .	2.4	27
38	Accelerating Retinal Fundus Image Classification Using Artificial Neural Networks (ANNs) and Reconfigurable Hardware (FPGA). Electronics (Switzerland), 2019, 8, 1522.	1.8	26
39	Expanding the portfolio of tribo-positive materials: Aniline formaldehyde condensates for high charge density triboelectric nanogenerators. Nano Energy, 2020, 67, 104291.	8.2	26
40	A high gain multiband offset MIMO antenna based on a planar log-periodic array for Ku/K-band applications. Scientific Reports, 2022, 12, 4044.	1.6	24
41	An innovative antenna array with high inter element isolation for sub-6GHz 5G MIMO communication systems. Scientific Reports, 2022, 12, 7907.	1.6	23
42	Compact wideband balanced antenna for mobile handsets. IET Microwaves, Antennas and Propagation, 2010, 4, 600.	0.7	22
43	The Design of a Resistively Loaded Bowtie Antenna for Applications in Breast Cancer Detection Systems. IEEE Transactions on Antennas and Propagation, 2012, 60, 2526-2530.	3.1	19
44	A Planar Inverted-F-L Antenna (PIFLA) With a Rectangular Feeding Plate for Lower-Band UWB Applications. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 149-151.	2.4	18
45	A novel method for rapid inspection of sewer networks: combining acoustic and optical means. Urban Water Journal, 2016, 13, 3-14.	1.0	17
46	A Novel 0.3-0.31 THz GaAs-Based Transceiver with On-Chip Slotted Metamaterial Antenna Based on SIW Technology. , 2019, , .		17
47	Silicon-Based 0.450-0.475 THz Series-Fed Double Dielectric Resonator On-Chip Antenna Array Based on Metamaterial Properties for Integrated-Circuits. , 2019, , .		17
48	A Compact UWB Antenna Design for Breast Cancer Detection. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2010, 6, 129-132.	0.4	17
49	Low profile dual-band-balanced handset antenna with dual-arm structure for WLAN application. IET Microwaves, Antennas and Propagation, 2011, 5, 1045.	0.7	16
50	Compact-size linearly tapered slot antenna for portable ultra-wideband imaging systems. International Journal of RF and Microwave Computer-Aided Engineering, 2013, 23, 290-299.	0.8	16
51	Design of a printed MIMO/diversity monopole antenna for future generation handheld devices. International Journal of RF and Microwave Computer-Aided Engineering, 2014, 24, 348-359.	0.8	15
52	Bandwidth and gain enhancement of composite right left handed metamaterial transmission line planar antenna employing a non foster impedance matching circuit board. Scientific Reports, 2021, 11, 7472.	1.6	15
53	Internal triple-band folded planar antenna design for third generation mobile handsets. IET Microwaves, Antennas and Propagation, 2008, 2, 718-724.	0.7	14
54	Dual band-notched tapered slot antenna using $\hat{\mu}$ /4 band-stop filters. IET Microwaves, Antennas and Propagation, 2012, 6, 1665-1673.	0.7	14

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55	High Performance On-Chip Array Antenna Based on Metasurface Feeding Structure for Terahertz Integrated Circuits. , 2019, , .		14
56	Overcome the Limitations of Performance Parameters of On-Chip Antennas Based on Metasurface and Coupled Feeding Approaches for Applications in System-on-Chip for THz Integrated-Circuits. , 2019, , .		14
57	Wireless Electromagnetic Radiation Assessment Based on the Specific Absorption Rate (SAR): A Review Case Study. Electronics (Switzerland), 2022, 11, 511.	1.8	14
58	Ultra-wideband planar inverted FF antenna. Electronics Letters, 2010, 46, 549.	0.5	13
59	Statistical Analysis of Refractivity Gradient and $\beta_{\text{eta}_{\{0\}}$ Parameter in the Gulf Region. IEEE Transactions on Antennas and Propagation, 2013, 61, 6250-6254.	3.1	13
60	Link Budget Maximization for a Mobile-Band Subsurface Wireless Sensor in Challenging Water Utility Environments. IEEE Transactions on Industrial Electronics, 2018, 65, 616-625.	5.2	13
61	Automated Reconfigurable Antenna Impedance for Optimum Power Transfer. , 2019, , .		13
62	High Performance Metasurface-Based On-Chip Antenna for Terahertz Integrated Circuits. , 2020, , .		13
63	Single-Element and MIMO Circularly Polarized Microstrip Antennas with Negligible Back Radiation for 5G Mid-Band Handsets. Sensors, 2022, 22, 3067.	2.1	13
64	Computation of Electromagnetic Fields in Assemblages of Biological Cells Using a Modified Finite-Difference Time-Domain Scheme. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1986-1994.	2.9	12
65	Compact multiple input and multiple output/diversity antenna for portable and mobile ultra-wideband applications. IET Microwaves, Antennas and Propagation, 2013, 7, 444-451.	0.7	12
66	High-Performance 50 $\mu\text{m}$ Silicon-Based On-Chip Antenna with High Port-to-Port Isolation Implemented by Metamaterial and SIW Concepts for THz Integrated Systems. , 2019, , .		12
67	New circularly polarised conical beam microstrip patch antenna array for short range communication systems. Microwave and Optical Technology Letters, 2009, 51, 78-81.	0.9	11
68	Broadband dual planar inverted F-antenna for wireless local area networks/worldwide interoperability for microwave access and lower-band ultra wideband wireless applications. IET Microwaves, Antennas and Propagation, 2011, 5, 644.	0.7	10
69	Mutual coupling reduction using metamaterial supersubstrate for high performance & densely packed planar phased arrays. , 2018, , .		10
70	A Wire-Grid Adaptive-Meshing Program for Microstrip-Patch Antenna Designs Using a Genetic Algorithm [EM Programmer's Notebook]. IEEE Antennas and Propagation Magazine, 2009, 51, 147-151.	1.2	9
71	A Zigbee based wireless sensor network for sewerage monitoring. , 2009, , .		9
72	New antenna designs for wideband harmonic suppression using adaptive surface meshing and genetic algorithms. IET Microwaves, Antennas and Propagation, 2011, 5, 1054.	0.7	9

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73	Folded Loop Balanced Coplanar Antenna for WLAN Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 4916-4920.	3.1	9
74	Planar monopole antennas for new generation mobile and lower band ultra-wide band applications. IET Microwaves, Antennas and Propagation, 2012, 6, 1207-1214.	0.7	9
75	A New Study to Suppress Mutual-Coupling Between Waveguide Slot Array Antennas Based on Metasurface Bulkhead for MIMO Systems. , 2018, , .		9
76	Compact Wideband MIMO Diversity Antenna for Mobile Applications Using Multi-Layered Structure. Electronics (Switzerland), 2020, 9, 1307.	1.8	9
77	Singular Integral Formulations for Electrodynamics Analysis of Metamaterial-Inspired Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 179-183.	2.4	9
78	Optimum power transfer in RF front end systems using adaptive impedance matching technique. Scientific Reports, 2021, 11, 11825.	1.6	9
79	Via-less electromagnetic band-gap-enabled antenna based on textile material for wearable applications. PLoS ONE, 2021, 16, e0246057.	1.1	9
80	Wireless sensor transmission range measurement within the ground level. , 2008, , .		8
81	Design of Wideband Balanced Folded-Arms Dipole Antenna for Mobile Handsets. Electromagnetics, 2009, 29, 641-651.	0.3	8
82	Printed monopole antenna with tunable band-notched characteristic for use in mobile and ultra-wide band applications. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 403-412.	0.8	8
83	Direct flux control " sensorless control method of PMSM for all speeds " basics and constraints. Electronics Letters, 2017, 53, 1110-1111.	0.5	8
84	Current technologies and location based services. , 2017, , .		8
85	New Approach to Suppress Mutual Coupling Between Longitudinal-Slotted Arrays Based on SIW Antenna Loaded with Metal-Fences Working on VHF/UHF Frequency-Bands: Study, Investigation, and Principle. , 2018, , .		8
86	Antenna for Ultra-Wideband Applications With Non-Uniform Defected Ground Plane and Offset Aperture-Coupled Cylindrical Dielectric Resonators. IEEE Access, 2019, 7, 166776-166787.	2.6	8
87	Novel Concentric Hexagonal-Shaped RFID Tag Antenna With T-Shaped Stub Matching. IEEE Journal of Radio Frequency Identification, 2022, 6, 112-120.	1.5	8
88	Quadrifilar helical antenna design for satellite"mobile handsets using genetic algorithms. Microwave and Optical Technology Letters, 2009, 51, 2668-2671.	0.9	7
89	Metasurface for Controlling Polarization of Scattered EM Waves. , 2020, , .		7
90	Energy Harvesting Circuit with High RF-to-DC Conversion Efficiency. , 2020, , .		7

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91	Accelerated Diagnosis of Novel Coronavirus (COVID-19)â€”Computer Vision with Convolutional Neural Networks (CNNs). Electronics (Switzerland), 2022, 11, 1148.	1.8	7
92	Small size tuneable printed Fâ€slot antenna for mobile handset applications. Microwave and Optical Technology Letters, 2012, 54, 794-802.	0.9	6
93	Mutual-Coupling Reduction in Metamaterial Substrate Integrated Waveguide Slotted Antenna Arrays Using Metal Fence Isolators for SAR and MIMO Applications. , 2018, , .		6
94	A New Waveguide Slot Array Antenna with High Isolation and High Antenna Bandwidth Operation on Ku- and K-bands for Radar and MIMO Systems. , 2018, , .		6
95	Design of mobile band subsurface antenna for drainage infrastructure monitoring. IET Microwaves, Antennas and Propagation, 2019, 13, 2380-2385.	0.7	6
96	Design of Multiband Balanced Folded Dipole Antenna Based on a Dual-arm Structure for Mobile Handsets. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2008, 4, 821-824.	0.4	6
97	Design of quadrifilar helical and spiral antennas in the presence of satellite-mobile handsets using genetic algorithms. , 2006, , .		5
98	Wideband balanced folded dipole antenna with a dual-arm monopole structure for mobile handsets. IET Microwaves, Antennas and Propagation, 2010, 4, 240.	0.7	5
99	Design of a compact tuned antenna system for mobile MIMO applications. , 2012, , .		5
100	Multi-band weakly ground-coupled balanced antenna design for portable devices. IET Science, Measurement and Technology, 2012, 6, 306.	0.9	5
101	A compact design of tunable bandâ€notched ultrawideband antenna. Microwave and Optical Technology Letters, 2012, 54, 1642-1644.	0.9	5
102	HYBRID COMPUTATIONAL SCHEME FOR ANTENNA-HUMAN BODY INTERACTION. Progress in Electromagnetics Research, 2013, 133, 117-136.	1.6	5
103	Loop feed meander-line Antenna RFID tag design for UHF band. , 2014, , .		5
104	Antennas for Emerging 5G Systems. International Journal of Antennas and Propagation, 2019, 2019, 1-3.	0.7	5
105	DOUBLE-PORT SLOTTED-ANTENNA WITH MULTIPLE MINIATURIZED RADIATORS FOR WIDEBAND WIRELESS COMMUNICATION SYSTEMS AND PORTABLE DEVICES. Progress in Electromagnetics Research C, 2019, 90, 1-13.	0.6	5
106	Internal insulation condition identification for high-voltage capacitor voltage transformers based on possibilistic fuzzy clustering. Review of Scientific Instruments, 2020, 91, 014705.	0.6	5
107	Compact Dual-band Balanced Handset Antenna for WLAN Application. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2010, 6, 11-15.	0.4	5
108	Impedance Matching Network Based on Metasurfaces (2-D Metamaterials) for Electrically Small Antennas. , 2020, , .		5

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109	Design of an Analog RFID-Based Tag Antenna with Opened Circuited L-Shaped Stubs for Applications in Localization. Electronics (Switzerland), 2022, 11, 1027.	1.8	5
110	New approach for designing beam steering uniform antenna arrays using Genetic Algorithms. , 2009, , .		4
111	Design of a PIFA with parasitic Fâ€element miniaturized antenna assembly for lower band ultraâ€wideband and IEEE 802.11a applications. Microwave and Optical Technology Letters, 2011, 53, 1970-1974.	0.9	4
112	Miniaturised UWB antenna for a Wireless Body Area Network. , 2012, , .		4
113	IMPROVED GRATING MONOPOLE ANTENNA WITH ZIGZAG FOR DVB-T APPLICATION. Progress in Electromagnetics Research Letters, 2013, 41, 39-49.	0.4	4
114	Step forward to map fully parallel energy efficient cortical columns on field programmable gate arrays. IET Science, Measurement and Technology, 2014, 8, 432-440.	0.9	4
115	Miniaturized Balanced Antenna with Integrated Balun for Practical LTE Applications. Radioengineering, 2017, 26, 444-452.	0.3	4
116	A $\times 8$ Linear Ultra-Wideband Phased Array With Connected Dipoles and Hyperbolic Microstrip Baluns. IEEE Access, 2018, 6, 52953-52968.	2.6	4
117	A Low Power Sigma-Delta Modulator with Hybrid Architecture. Sensors, 2020, 20, 5309.	2.1	4
118	Wideband Loaded Wire Bow-tie Antenna for Near Field Imaging Using Genetic Algorithms. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2008, 4, 591-595.	0.4	4
119	Glucose level detection using millimetre-wave metamaterial-inspired resonator. PLoS ONE, 2022, 17, e0269060.	1.1	4
120	Circularly Polarised Microstrip Patch Antennas for Satellite Communications. , 2005, , .		3
121	Design of broadband slotted ground plane microstrip antenna for 3G communication. , 0, , .		3
122	Dual-band balanced handset antenna for WLAN application. , 2009, , .		3
123	Design of dualâ€band quadrifilar spiral antennas for satelliteâ€mobile handsets. Microwave and Optical Technology Letters, 2010, 52, 987-990.	0.9	3
124	Design of a planar inverted F-L antenna (PIFLA) for lower-band UWB applications. , 2010, , .		3
125	A compact size reconfigurable PIFA antenna for use in mobile handset. , 2011, , .		3
126	Miniature Dual-Band and Wideband Planar Inverted F-L-Antennas for Wireless Local Area Network and Ultra-Wideband Applications. Electromagnetics, 2011, 31, 233-245.	0.3	3



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127	A novel dual band tunable balanced handset antenna for WLAN application. , 2011, , .		3
128	A band-suppression UWB suspended planar antenna incorporating a slotted spiral resonator. International Journal of RF and Microwave Computer-Aided Engineering, 2013, 23, 570-578.	0.8	3
129	Dielectric resonator antenna design for UWB applications. , 2013, , .		3
130	Simulation of PMSM in maxwell 3D/simplorer to optimize direct flux control. , 2017, , .		3
131	Study on Antenna Mutual Coupling Suppression Using Integrated Metasurface Isolator for SAR and MIMO Applications. , 2018, , .		3
132	Study on Antenna Mutual Coupling Suppression Using Integrated Metasurface Isolator for SAR and MIMO Applications. , 2018, , .		3
133	Liquid-Sensing Metamaterial Ring Resonator in Millimeter-wave band for 5G Applications. , 2020, , .		3
134	An Acoustic Sensor for Combined Sewer Overflow (CSO) Screen Condition Monitoring in a Drainage Infrastructure. Sensors, 2021, 21, 404.	2.1	3
135	A Frequency Tunable PIFA Design for Handset Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 688-693.	0.2	3
136	Terahertz On-Chip Antenna Based on Metasurface and SIW with Stacked Layers of Resonators on GaAs Substrate. , 2019, , .		3
137	Internal MIMO Antenna Design for Multi-Band Mobile Handset Applications. , 2021, , .		3
138	A new design of circularly-polarised conical-beam microstrip patch antennas using a genetic algorithm. , 2006, , .		2
139	Miniature dual-frequency half planar inverted F-L-antenna for WLAN/cellular applications. , 2009, , .		2
140	A capacitively loaded antenna for use in mobile handsets. , 2010, , .		2
141	Reconfigurable antenna design approach for mobile applications and a technique for harmonics suppression. , 2011, , .		2
142	Four element antenna array working at 2.4/5.2 GHz for wireless USB dongle applications. , 2012, , .		2
143	A novel RFID tag antenna mountable on metallic objects. , 2012, , .		2
144	Liquid level monitoring using passive RFID tags. , 2013, , .		2

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145	Energy efficient gully pot monitoring system using radio frequency identification (RFID). , 2013, , .		2
146	Microwave antennas for near field imaging. , 2014, , .		2
147	Automatic liquid level indication and control using passive UHF RFID tags. , 2014, , .		2
148	Study on specific absorption rate. , 2014, , .		2
149	Compact and closely spaced tunable printed Fâ€slot multipleâ€inputâ€ multipleâ€output antenna system for portable wireless applications with efficient diversity. IET Science, Measurement and Technology, 2014, 8, 359-369.	0.9	2
150	Compact size uni-planer small Metamaterial-Inspired antenna for UWB applications. , 2015, , .		2
151	Vivaldi antenna with balun feed for SKA feeding system in UWB. , 2015, , .		2
152	Compact Wideband Printed MIMO/Diversity Monopole Antenna for GSM/UMTS and LTE Applications. , 2018, , 191-209.		2
153	A New Waveguide Slot Array Antenna with High Isolation and High Antenna Bandwidth Operation on Ku- and K- Bands for Radar and MIMO Systems. , 2018, , .		2
154	Dynamic analysis model of a class E <sup>2</sup> converter for low power wireless charging links. IET Circuits, Devices and Systems, 2019, 13, 399-405.	0.9	2
155	A 10:1 Bandwidth Cryogenic Quadruple-Ridged Flared Horn Design for Reflector Antennas in Radio Astronomy. IEEE Access, 2020, 8, 81101-81115.	2.6	2
156	A New Optimization Algorithm Based on the Fungi Kingdom Expansion Behavior for Antenna Applications. Electronics (Switzerland), 2021, 10, 2057.	1.8	2
157	Amalgamation of Metamaterial and SIW Technologies for Realizing Wide-Bandwidth and High-Radiation Properties of On-Chip Antennas for Application in Packaging of Terahertz Components. , 2019, , .		2
158	Compact, Low-profile and Robust Inversely E-shaped antenna Integrated with EBG Structures for Wearable Application. , 2020, , .		2
159	Editorial: Special Issue â€œAntenna Design for 5G and Beyondâ€ Sensors, 2021, 21, 7745.	2.1	2
160	Biological cell modelling using quasi static FDTD/lumped element method. , 0, , .		1
161	Broadband dielectric resonator antenna (DRA) design for mobile wireless applications. , 2011, , .		1
162	Beam steering of horizontally polarized circular antenna arrays. , 2011, , .		1

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163	Electromagnetic Field Computation for Power Transmission Lines Using Quasi-Static Sub-Gridding Finite-Difference Time-Domain Approach. <i>Electromagnetics</i> , 2014, 34, 47-65.	0.3	1
164	Design and analysis of a simple UHF passive RFID tag for liquid level monitoring applications. , 2015, , .		1
165	Computation of electromagnetic fields in dense biological cell structures using modified subgridding of quasi-static FDTD method. , 2008, , .		1
166	Dual-Band MIMO Antenna Array for Sub 6 GHz 5G Smartphone Applications. , 2021, , .		1
167	Broadband stripline fed microstrip patch antennas for 3G mobile communications. , 0, , .		0
168	Precise computation of the induced fields inside biological cell tissue using floquet boundary and subgridding quasi-static FDTD method. , 2009, , .		0
169	Folded and slotted internal antenna design for 3g IMT-2000 mobile handsets. <i>Microwave and Optical Technology Letters</i> , 2010, 52, 1549-1553.	0.9	0
170	HARMONICS MEASUREMENT ON ACTIVE PATCH ANTENNA USING SENSOR PATCHES. <i>Progress in Electromagnetics Research C</i> , 2010, 17, 121-130.	0.6	0
171	Mathematical Model for Calibration of Nonlinear Responses in Biological Media Exposed to RF Energy. , 2014, , .		0
172	A Printed Wideband MIMO Antenna for Mobile and Portable Communication Devices. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2015, , 239-248.	0.2	0
173	Reconfigurable neurons - making the most of configurable logic blocks (CLBs). , 2015, , .		0
174	A COMPACT AND BROADBAND BALUN DESIGN FOR LTE APPLICATIONS. <i>Progress in Electromagnetics Research C</i> , 2016, 67, 85-95.	0.6	0
175	CONICAL BEAM MONOPOLE ANTENNA DESIGN FOR CHINESE AREA POSITIONING SYSTEM. <i>Progress in Electromagnetics Research C</i> , 2016, 68, 193-200.	0.6	0
176	Dual-Band Planar Inverted F-L Antenna Structure for Bluetooth and ZigBee Applications. , 2018, , 39-52.		0
177	Efficiency Improvement of a Class E2 Converter for Low Power Inductive Links. , 2019, , .		0
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