

# Chan Hwang See

## List of Publications by Year in descending order

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179  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Dual-Polarized Highly Folded Bowtie Antenna With Slotted Self-Grounded Structure for Sub-6 GHz 5G Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 3028-3033.	3.1	61
2	Novel Concentric Hexagonal-Shaped RFID Tag Antenna With T-Shaped Stub Matching. <i>IEEE Journal of Radio Frequency Identification</i> , 2022, 6, 112-120.	1.5	8
3	A Jug-Shaped CPW-Fed Ultra-Wideband Printed Monopole Antenna for Wireless Communications Networks. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 821.	1.3	41
4	Wireless Electromagnetic Radiation Assessment Based on the Specific Absorption Rate (SAR): A Review Case Study. <i>Electronics (Switzerland)</i> , 2022, 11, 511.	1.8	14
5	A Novel Meander Bowtie-Shaped Antenna with Multi-Resonant and Rejection Bands for Modern 5G Communications. <i>Electronics (Switzerland)</i> , 2022, 11, 821.	1.8	31
6	Design of an Analog RFID-Based Tag Antenna with Opened Circuited L-Shaped Stubs for Applications in Localization. <i>Electronics (Switzerland)</i> , 2022, 11, 1027.	1.8	5
7	A high gain multiband offset MIMO antenna based on a planar log-periodic array for Ku/K-band applications. <i>Scientific Reports</i> , 2022, 12, 4044.	1.6	24
8	Accelerated Diagnosis of Novel Coronavirus (COVID-19)â€™Computer Vision with Convolutional Neural Networks (CNNs). <i>Electronics (Switzerland)</i> , 2022, 11, 1148.	1.8	7
9	Single-Element and MIMO Circularly Polarized Microstrip Antennas with Negligible Back Radiation for 5G Mid-Band Handsets. <i>Sensors</i> , 2022, 22, 3067.	2.1	13
10	An innovative antenna array with high inter element isolation for sub-6GHz 5G MIMO communication systems. <i>Scientific Reports</i> , 2022, 12, 7907.	1.6	23
11	A New mm-Wave Antenna Array with Wideband Characteristics for Next Generation Communication Systems. <i>Electronics (Switzerland)</i> , 2022, 11, 1560.	1.8	30
12	Glucose level detection using millimetre-wave metamaterial-inspired resonator. <i>PLoS ONE</i> , 2022, 17, e0269060.	1.1	4
13	Study on on-Chip Antenna Design Based on Metamaterial-Inspired and Substrate-Integrated Waveguide Properties for Millimetre-Wave and THz Integrated-Circuit Applications. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2021, 42, 17-28.	1.2	89
14	Impedance Bandwidth Improvement of a Planar Antenna Based on Metamaterial-Inspired T-Matching Network. <i>IEEE Access</i> , 2021, 9, 67916-67927.	2.6	38
15	An Acoustic Sensor for Combined Sewer Overflow (CSO) Screen Condition Monitoring in a Drainage Infrastructure. <i>Sensors</i> , 2021, 21, 404.	2.1	3
16	Singular Integral Formulations for Electrodynamics Analysis of Metamaterial-Inspired Antenna Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 179-183.	2.4	9
17	Bandwidth and gain enhancement of composite right left handed metamaterial transmission line planar antenna employing a non foster impedance matching circuit board. <i>Scientific Reports</i> , 2021, 11, 7472.	1.6	15
18	High-isolation antenna array using SIW and realized with a graphene layer for sub-terahertz wireless applications. <i>Scientific Reports</i> , 2021, 11, 10218.	1.6	77

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19	Optimum power transfer in RF front end systems using adaptive impedance matching technique. Scientific Reports, 2021, 11, 11825.	1.6	9
20	A New Optimization Algorithm Based on the Fungi Kingdom Expansion Behavior for Antenna Applications. Electronics (Switzerland), 2021, 10, 2057.	1.8	2
21	Via-less electromagnetic band-gap-enabled antenna based on textile material for wearable applications. PLoS ONE, 2021, 16, e0246057.	1.1	9
22	Editorial: Special Issue "Antenna Design for 5G and Beyond". Sensors, 2021, 21, 7745.	2.1	2
23	Dual-Band MIMO Antenna Array for Sub 6 GHz 5G Smartphone Applications. , 2021, , .		1
24	Internal MIMO Antenna Design for Multi-Band Mobile Handset Applications. , 2021, , .		3
25	Expanding the portfolio of tribo-positive materials: Aniline formaldehyde condensates for high charge density triboelectric nanogenerators. Nano Energy, 2020, 67, 104291.	8.2	26
26	A Low Power Sigma-Delta Modulator with Hybrid Architecture. Sensors, 2020, 20, 5309.	2.1	4
27	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
28	A Comprehensive Survey of "Metamaterial Transmission-Line Based Antennas: Design, Challenges, and Applications". IEEE Access, 2020, 8, 144778-144808.	2.6	202
29	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
30	Compact Wideband MIMO Diversity Antenna for Mobile Applications Using Multi-Layered Structure. Electronics (Switzerland), 2020, 9, 1307.	1.8	9
31	High Performance Metasurface-Based On-Chip Antenna for Terahertz Integrated Circuits. , 2020, , .		13
32	Improved adaptive impedance matching for RF front-end systems of wireless transceivers. Scientific Reports, 2020, 10, 14065.	1.6	37
33	Liquid-Sensing Metamaterial Ring Resonator in Millimeter-wave band for 5G Applications. , 2020, , .		3
34	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
35	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
36	Study on improvement of the performance parameters of a novel 0.41-0.47 THz on-chip antenna based on metasurface concept realized on 50nm GaAs-layer. Scientific Reports, 2020, 10, 11034.	1.6	64

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37	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
38	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
39	Metasurface for Controlling Polarization of Scattered EM Waves. , 2020, , .		7
40	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
41	Metamaterial-Inspired Antenna Array for Application in Microwave Breast Imaging Systems for Tumor Detection. IEEE Access, 2020, 8, 174667-174678.	2.6	83
42	Compact, Low-profile and Robust Inversely E-shaped antenna Integrated with EBG Structures for Wearable Application. , 2020, , .		2
43	Energy Harvesting Circuit with High RF-to-DC Conversion Efficiency. , 2020, , .		7
44	Impedance Matching Network Based on Metasurfaces (2-D Metamaterials) for Electrically Small Antennas. , 2020, , .		5
45	Antennas for Emerging 5G Systems. International Journal of Antennas and Propagation, 2019, 2019, 1-3.	0.7	5
46	Surface Wave Reduction in Antenna Arrays Using Metasurface Inclusion for MIMO and SAR Systems. Radio Science, 2019, 54, 1067-1075.	0.8	71
47	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
48	High Performance On-Chip Array Antenna Based on Metasurface Feeding Structure for Terahertz Integrated Circuits. , 2019, , .		14
49	Beam scanning leaky wave antenna based on CRLH metamaterial for millimetre wave applications. IET Microwaves, Antennas and Propagation, 2019, 13, 1129-1133.	0.7	58
50	Super-Wide Impedance Bandwidth Planar Antenna for Microwave and Millimeter-Wave Applications. Sensors, 2019, 19, 2306.	2.1	32
51	High-Isolation Leaky-Wave Array Antenna Based on CRLH-Metamaterial Implemented on SIW with $\hat{\pm}30^\circ$ Frequency Beam-Scanning Capability at Millimetre-Waves. Electronics (Switzerland), 2019, 8, 642.	1.8	61
52	Mutual-Coupling Isolation Using Embedded Metamaterial EM Bandgap Decoupling Slab for Densely Packed Array Antennas. IEEE Access, 2019, 7, 51827-51840.	2.6	112
53	Efficiency Improvement of a Class E2 Converter for Low Power Inductive Links. , 2019, , .		0
54	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

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55	Mutual Coupling Suppression Between Two Closely Placed Microstrip Patches Using EM-Bandgap Metamaterial Fractal Loading. IEEE Access, 2019, 7, 23606-23614.	2.6	140
56	A Novel 0.3-0.31 THz GaAs-Based Transceiver with On-Chip Slotted Metamaterial Antenna Based on SIW Technology. , 2019, , .		17
57	Automated Reconfigurable Antenna Impedance for Optimum Power Transfer. , 2019, , .		13
58	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
59	Accelerating Retinal Fundus Image Classification Using Artificial Neural Networks (ANNs) and Reconfigurable Hardware (FPGA). Electronics (Switzerland), 2019, 8, 1522.	1.8	26
60	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
61	High-Performance 50Åµm Silicon-Based On-Chip Antenna with High Port-to-Port Isolation Implemented by Metamaterial and SIW Concepts for THz Integrated Systems. , 2019, , .		12
62	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
63	Design of mobile band subsurface antenna for drainage infrastructure monitoring. IET Microwaves, Antennas and Propagation, 2019, 13, 2380-2385.	0.7	6
64	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
65	Terahertz On-Chip Antenna Based on Metasurface and SIW with Stacked Layers of Resonators on GaAs Substrate. , 2019, , .		3
66	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
67	Dual-Band Planar Inverted F-L Antenna Structure for Bluetooth and ZigBee Applications. , 2018, , 39-52.		0
68	Compact Wideband Printed MIMO/Diversity Monopole Antenna for GSM/UMTS and LTE Applications. , 2018, , 191-209.		2
69	A New Study to Suppress Mutual-Coupling Between Waveguide Slot Array Antennas Based on Metasurface Bulkhead for MIMO Systems. , 2018, , .		9
70	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
71	Study on Antenna Mutual Coupling Suppression Using Integrated Metasurface Isolator for SAR and MIMO Applications. , 2018, , .		3
72	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

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73	Mutual-Coupling Reduction in Metamaterial Substrate Integrated Waveguide Slotted Antenna Arrays Using Metal Fence Isolators for SAR and MIMO Applications. , 2018, , .		6
74	Study on Antenna Mutual Coupling Suppression Using Integrated Metasurface Isolator for SAR and MIMO Applications. , 2018, , .		3
75	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
76	Antenna Mutual Coupling Suppression Over Wideband Using Embedded Periphery Slot for Antenna Arrays. Electronics (Switzerland), 2018, 7, 198.	1.8	68
77	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
78	Interaction Between Closely Packed Array Antenna Elements Using Metaâ€œSurface for Applications Such as MIMO Systems and Synthetic Aperture Radars. Radio Science, 2018, 53, 1368-1381.	0.8	68
79	A $1 \times 8$ Linear Ultra-Wideband Phased Array With Connected Dipoles and Hyperbolic Microstrip Baluns. IEEE Access, 2018, 6, 52953-52968.	2.6	4
80	Mutual coupling reduction using metamaterial supersubstrate for high performance & densely packed planar phased arrays. , 2018, , .		10
81	Study on isolation improvement between closelyâ€œpacked patch antenna arrays based on fractal metamaterial electromagnetic bandgap structures. IET Microwaves, Antennas and Propagation, 2018, 12, 2241-2247.	0.7	118
82	Wideband printed monopole antenna for application in wireless communication systems. IET Microwaves, Antennas and Propagation, 2018, 12, 1222-1230.	0.7	41
83	An Active Microwave Sensor for Near Field Imaging. IEEE Sensors Journal, 2017, 17, 2749-2757.	2.4	32
84	Direct flux control â€œ sensorless control method of PMSM for all speeds â€œ basics and constraints. Electronics Letters, 2017, 53, 1110-1111.	0.5	8
85	Simulation of PMSM in maxwell 3D/simplorer to optimize direct flux control. , 2017, , .		3
86	Current technologies and location based services. , 2017, , .		8
87	Miniaturized Balanced Antenna with Integrated Balun for Practical LTE Applications. Radioengineering, 2017, 26, 444-452.	0.3	4
88	Calibration model for detection of potential demodulating behaviour in biological media exposed to RF energy. IET Science, Measurement and Technology, 2017, 11, 900-906.	0.9	0
89	A COMPACT AND BROADBAND BALUN DESIGN FOR LTE APPLICATIONS. Progress in Electromagnetics Research C, 2016, 67, 85-95.	0.6	0
90	CONICAL BEAM MONOPOLE ANTENNA DESIGN FOR CHINESE AREA POSITIONING SYSTEM. Progress in Electromagnetics Research C, 2016, 68, 193-200.	0.6	0

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91	A novel method for rapid inspection of sewer networks: combining acoustic and optical means. Urban Water Journal, 2016, 13, 3-14.	1.0	17
92	Compact size uni-planer small Metamaterial-Inspired antenna for UWB applications. , 2015, , .		2
93	Vivaldi antenna with balun feed for SKA feeding system in UWB. , 2015, , .		2
94	A Printed Wideband MIMO Antenna for Mobile and Portable Communication Devices. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 239-248.	0.2	0
95	Design and analysis of a simple UHF passive RFID tag for liquid level monitoring applications. , 2015, , .		1
96	Reconfigurable neurons - making the most of configurable logic blocks (CLBs). , 2015, , .		0
97	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
98	Microwave antennas for near field imaging. , 2014, , .		2
99	Automatic liquid level indication and control using passive UHF RFID tags. , 2014, , .		2
100	Electromagnetic Field Computation for Power Transmission Lines Using Quasi-Static Sub-Gridding Finite-Difference Time-Domain Approach. Electromagnetics, 2014, 34, 47-65.	0.3	1
101	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
102	Study on specific absorption rate. , 2014, , .		2
103	Mathematical Model for Calibration of Nonlinear Responses in Biological Media Exposed to RF Energy. , 2014, , .		0
104	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
105	Loop feed meander-line Antenna RFID tag design for UHF band. , 2014, , .		5
106	Compact and closely spaced tunable printed Få€slot multipleå€inputå€multipleå€output antenna system for portable wireless applications with efficient diversity. IET Science, Measurement and Technology, 2014, 8, 359-369.	0.9	2
107	Ultra-Wideband Dual-Polarized Patch Antenna With Four Capacitively Coupled Feeds. IEEE Transactions on Antennas and Propagation, 2014, 62, 2440-2449.	3.1	52
108	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

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109	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
110	Dielectric resonator antenna design for UWB applications. , 2013, , .		3
111	Statistical Analysis of Refractivity Gradient and $\eta_{\{0\}}$ Parameter in the Gulf Region. IEEE Transactions on Antennas and Propagation, 2013, 61, 6250-6254.	3.1	13
112	Liquid level monitoring using passive RFID tags. , 2013, , .		2
113	A Low-Profile Ultra-Wideband Modified Planar Inverted-F Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 100-108.	3.1	35
114	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
115	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
116	Energy efficient gully pot monitoring system using radio frequency identification (RFID). , 2013, , .		2
117	HYBRID COMPUTATIONAL SCHEME FOR ANTENNA-HUMAN BODY INTERACTION. Progress in Electromagnetics Research, 2013, 133, 117-136.	1.6	5
118	IMPROVED GRATING MONOPOLE ANTENNA WITH ZIGZAG FOR DVB-T APPLICATION. Progress in Electromagnetics Research Letters, 2013, 41, 39-49.	0.4	4
119	Two Miniaturized Printed Dual-Band Spiral Antenna Designs for Satellite Communication Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 81-86.	0.2	0
120	Miniaturised UWB antenna for a Wireless Body Area Network. , 2012, , .		4
121	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
122	Design of a compact tuned antenna system for mobile MIMO applications. , 2012, , .		5
123	Four element antenna array working at 2.4/5.2 GHz for wireless USB dongle applications. , 2012, , .		2
124	Multi-band weakly ground-coupled balanced antenna design for portable devices. IET Science, Measurement and Technology, 2012, 6, 306.	0.9	5
125	Wideband Printed MIMO/Diversity Monopole Antenna for WiFi/WiMAX Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 2028-2035.	3.1	162
126	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



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127	Folded Loop Balanced Coplanar Antenna for WLAN Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 4916-4920.	3.1	9
128	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
129	Dual band-notched tapered slot antenna using $\hat{\lambda}/4$ band-stop filters. IET Microwaves, Antennas and Propagation, 2012, 6, 1665-1673.	0.7	14
130	DESIGN AND ANALYSIS OF PLANAR ULTRA-WIDEBAND ANTENNA WITH DUAL BAND-NOTCHED FUNCTION. Progress in Electromagnetics Research, 2012, 127, 523-536.	1.6	42
131	Small size tuneable printed F-shaped slot antenna for mobile handset applications. Microwave and Optical Technology Letters, 2012, 54, 794-802.	0.9	6
132	A compact design of tunable band-notched ultrawideband antenna. Microwave and Optical Technology Letters, 2012, 54, 1642-1644.	0.9	5
133	A novel RFID tag antenna mountable on metallic objects. , 2012, , .		2
134	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
135	A compact size reconfigurable PIFA antenna for use in mobile handset. , 2011, , .		3
136	A Low Power Wireless Sensor Network for Gully Pot Monitoring in Urban Catchments. IEEE Sensors Journal, 2011, , .	2.4	27
137	Broadband dielectric resonator antenna (DRA) design for mobile wireless applications. , 2011, , .		1
138	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
139	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
140	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
141	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
142	Design of a PIFA with parasitic F-element miniaturized antenna assembly for lower band ultra-wideband and IEEE 802.11a applications. Microwave and Optical Technology Letters, 2011, 53, 1970-1974.	0.9	4
143	Beam steering of horizontally polarized circular antenna arrays. , 2011, , .		1
144	Reconfigurable antenna design approach for mobile applications and a technique for harmonics suppression. , 2011, , .		2

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145	A novel dual band tunable balanced handset antenna for WLAN application. , 2011, , .		3
146	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
147	Compact wideband balanced antenna for mobile handsets. IET Microwaves, Antennas and Propagation, 2010, 4, 600.	0.7	22
148	Design of dual-band quadrifilar spiral antennas for satellite-mobile handsets. Microwave and Optical Technology Letters, 2010, 52, 987-990.	0.9	3
149	Folded and slotted internal antenna design for 3g IMT-2000 mobile handsets. Microwave and Optical Technology Letters, 2010, 52, 1549-1553.	0.9	0
150	HARMONICS MEASUREMENT ON ACTIVE PATCH ANTENNA USING SENSOR PATCHES. Progress in Electromagnetics Research C, 2010, 17, 121-130.	0.6	0
151	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
152	Ultra-wideband planar inverted FF antenna. Electronics Letters, 2010, 46, 549.	0.5	13
153	Design of a planar inverted F-L antenna (PIFLA) for lower-band UWB applications. , 2010, , .		3
154	A Crescent-Shaped Multiband Planar Monopole Antenna for Mobile Wireless Applications. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 152-155.	2.4	39
155	A capacitively loaded antenna for use in mobile handsets. , 2010, , .		2
156	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
157	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
158	New approach for designing beam steering uniform antenna arrays using Genetic Algorithms. , 2009, , .		4
159	Dual-band balanced handset antenna for WLAN application. , 2009, , .		3
160	Precise computation of the induced fields inside biological cell tissue using floquet boundary and subgridding quasi-static FDTD method. , 2009, , .		0
161	Miniature dual-frequency half planar inverted F-L-antenna for WLAN/cellular applications. , 2009, , .		2
162	Design of Wideband Balanced Folded-Arms Dipole Antenna for Mobile Handsets. Electromagnetics, 2009, 29, 641-651.	0.3	8

#	ARTICLE	IF	CITATIONS
163	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
164	Quadrifilar helical antenna design for satellite-mobile handsets using genetic algorithms. Microwave and Optical Technology Letters, 2009, 51, 2668-2671.	0.9	7
165	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
166	A Zigbee based wireless sensor network for sewerage monitoring. , 2009, , .		9
167	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
168	Internal triple-band folded planar antenna design for third generation mobile handsets. IET Microwaves, Antennas and Propagation, 2008, 2, 718-724.	0.7	14
169	Wireless sensor transmission range measurement within the ground level. , 2008, , .		8
170	Computation of electromagnetic fields in dense biological cell structures using modified subgridding of quasi-static FDTD method. , 2008, , .		1
171	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
172	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
173	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
174	A new design of circularly-polarised conical-beam microstrip patch antennas using a genetic algorithm. , 2006, , .		2
175	Design of quadrifilar helical and spiral antennas in the presence of satellite-mobile handsets using genetic algorithms. , 2006, , .		5
176	Circularly Polarised Microstrip Patch Antennas for Satellite Communications. , 2005, , .		3
177	Broadband stripline fed microstrip patch antennas for 3G mobile communications. , 0, , .		0
178	Biological cell modelling using quasi static FDTD/lumped element method. , 0, , .		1
179	Design of broadband slotted ground plane microstrip antenna for 3G communication. , 0, , .		3