

# Hosung Choo

## List of Publications by Year in descending order

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161  
papers

1,450  
citations

471061

17  
h-index

377514

34  
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161  
all docs

161  
docs citations

161  
times ranked

1196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband Printed-Dipole Antenna and Its Arrays for 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2183-2186.	2.4	222
2	Multi-Band, Wide-Beam, Circularly Polarized, Crossed, Asymmetrically Barbed Dipole Antennas for GPS Applications. IEEE Transactions on Antennas and Propagation, 2013, 61, 5771-5775.	3.1	134
3	Simulation of MIMO channel capacity with antenna polarization diversity. IEEE Transactions on Wireless Communications, 2005, 4, 1869-1873.	6.1	85
4	Design of electrically small wire antennas using a pareto genetic algorithm. IEEE Transactions on Antennas and Propagation, 2005, 53, 1038-1046.	3.1	62
5	On the Wheeler cap measurement of the efficiency of microstrip antennas. IEEE Transactions on Antennas and Propagation, 2005, 53, 2328-2332.	3.1	55
6	Design of a Circularly Polarized Tag Antenna for Increased Reading Range. IEEE Transactions on Antennas and Propagation, 2009, 57, 3418-3422.	3.1	49
7	Patch Array Antenna Using a Dual Coupled Feeding Structure for 79 GHz Automotive Radar Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 676-679.	2.4	44
8	Wideband quasi- $\epsilon$ yagi antenna fed by microstrip-to-slotline transition. Microwave and Optical Technology Letters, 2012, 54, 150-153.	0.9	43
9	Design of a Dual-Band Quadrifilar Helix Antenna Using Stepped-Width Arms. IEEE Transactions on Antennas and Propagation, 2015, 63, 1858-1862.	3.1	42
10	Planar Near-Field RFID Reader Antenna for Item-Level Tagging. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1100-1103.	2.4	37
11	Optimum Placement of DF Antenna Elements for Accurate DOA Estimation in a Harsh Platform Environment. IEEE Transactions on Antennas and Propagation, 2013, 61, 4783-4791.	3.1	31
12	Multiband Dual Spiral Stripline-Loaded Monopole Antenna. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 57-59.	2.4	23
13	Printed symmetric inverted- $\epsilon$ F antenna with a quasi-isotropic radiation pattern. Microwave and Optical Technology Letters, 2008, 50, 927-930.	0.9	22
14	Planar, Lightweight, Circularly Polarized Crossed Dipole Antenna for Handheld UHF RFID Reader. Microwave and Optical Technology Letters, 2013, 55, 1874-1878.	0.9	20
15	Improvement of Pattern Null Depth and Width Using a Curved Array With Two Subarrays for CRPA Systems. IEEE Transactions on Antennas and Propagation, 2015, 63, 2824-2827.	3.1	19
16	Design of a Small Array Antenna with an Extended Cavity Structure for Wireless Power Transmission. Journal of Electromagnetic Engineering and Science, 2020, 20, 9-15.	0.7	18
17	Optimum Array Configuration to Improve Null Steering Time for Mobile CRPA Systems. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2016, 16, 74-79.	2.9	18
18	A Modified Wheeler Cap Method for Efficiency Measurements of Probe-Fed Patch Antennas With Multiple Resonances. IEEE Transactions on Antennas and Propagation, 2010, 58, 3074-3078.	3.1	17

#	ARTICLE	IF	CITATIONS
19	On a Class of Planar Absorbers With Periodic Square Resistive Patches. IEEE Transactions on Antennas and Propagation, 2008, 56, 2127-2130.	3.1	16
20	Design of Aircraft On-Glass Antennas Using a Coupled Feed Structure. IEEE Transactions on Antennas and Propagation, 2012, 60, 2088-2093.	3.1	16
21	A Systematic Design Method of On-Glass Antennas Using Mesh-Grid Structures. IEEE Transactions on Vehicular Technology, 2010, 59, 3286-3293.	3.9	14
22	Design of a Small Arc-Shaped Antenna Array with High Isolation for Applications of Controlled Reception Pattern Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 1542-1546.	3.1	14
23	Antenna polarisation adjustment for microstrip patch antennas using parasitic elements. Electronics Letters, 2015, 51, 1046-1048.	0.5	13
24	RCS based target recognition with real FMCW radar implementation. Microwave and Optical Technology Letters, 2016, 58, 1745-1750.	0.9	13
25	Estimation of Detection Performance for Vehicle FMCW Radars Using EM Simulations. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2019, 19, 13-19.	2.9	13
26	Design of a dual-band GPS antenna using a coupled feeding structure for high isolation in a small array. Microwave and Optical Technology Letters, 2014, 56, 359-361.	0.9	12
27	Design of a Vivaldi-Fed Hybrid Horn Antenna for Low-Frequency Gain Enhancement. IEEE Transactions on Antennas and Propagation, 2018, 66, 438-443.	3.1	10
28	Design of a miniaturized spiral antenna for partial discharge detection system. Microwave and Optical Technology Letters, 2018, 60, 75-78.	0.9	10
29	Wideband UHF Antenna for Partial Discharge Detection. Applied Sciences (Switzerland), 2020, 10, 1698.	1.3	10
30	Shape optimization of corrugated coatings under grazing incidence using a genetic algorithm. IEEE Transactions on Antennas and Propagation, 2003, 51, 3080-3087.	3.1	9
31	Diversity On-Glass Antennas for Maximized Channel Capacity for FM Radio Reception in Vehicles. IEEE Transactions on Antennas and Propagation, 2011, 59, 699-702.	3.1	9
32	Design of a Dual-Band Microstrip Loop Antenna With Frequency-Insensitive Reactance Variations for an Extremely Small Array. IEEE Transactions on Antennas and Propagation, 2017, 65, 2865-2873.	3.1	9
33	A Suboptimal Approach to Antenna Design Problems With Kernel Regression. IEEE Access, 2019, 7, 17461-17468.	2.6	9
34	Wireless-Powered Chemical Sensor by 2.4 GHz Wi-Fi Energy-Harvesting Metamaterial. Micromachines, 2019, 10, 12.	1.4	9
35	Design of Small CRPA Arrays with Circular Microstrip Loops for Electromagnetically Coupled Feed. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2018, 18, 129-135.	2.9	9
36	Design of an on-glass vehicle antenna using a multiloop structure. Microwave and Optical Technology Letters, 2010, 52, 107-110.	0.9	8

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37	Novel UHF RFID Tag Antenna for Metallic Foil Packages. IEEE Transactions on Antennas and Propagation, 2012, 60, 377-379.	3.1	8
38	Design of electrically small wire antennas using genetic algorithm taking into consideration of bandwidth and efficiency. , 0, , .		7
39	Micromachined silicon grisms for infrared optics. Applied Optics, 2009, 48, 1016.	2.1	7
40	Dual-band printed dipole antenna with wide beamwidth for WLAN access points. Microwave and Optical Technology Letters, 2012, 54, 2806-2811.	0.9	7
41	Improved Wheeler Cap Method Based on an Equivalent High-Order Circuit Model. IEEE Transactions on Antennas and Propagation, 2014, 62, 274-281.	3.1	7
42	Radiation from a Cavity-Backed Circular Aperture Array Antenna Enclosed by an FSS Radome. Applied Sciences (Switzerland), 2018, 8, 2346.	1.3	7
43	High Aperture Efficiency Array Antenna for Wireless Power Transfer Applications. Energies, 2020, 13, 2241.	1.6	7
44	Design of Small CRPA Arrays for Dual-Band GPS Applications. IEICE Transactions on Communications, 2014, E97.B, 1130-1138.	0.4	7
45	Design of vertical lines for vehicle rear window antennas. Microwave and Optical Technology Letters, 2010, 52, 1445-1449.	0.9	6
46	Design of a U-shaped RFID tag antenna with an isotropic radiation characteristic. , 2011, , .		6
47	A Method of Substrate Shaping to Improve Gain of Active-Element Pattern for Small Arrays. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1601-1604.	2.4	6
48	Design of a Hemispherical Reconfigurable Frequency Selective Surface Using Water Channels. IEEE Access, 2018, 6, 61445-61451.	2.6	6
49	Design of a Broadband Coupled-Fed Printed Dipole Antenna as an Array Element for Direction Finding Systems. Journal of Electromagnetic Engineering and Science, 2019, 19, 266-271.	0.7	6
50	Implementation of Real-Time Direction Finding System Using Time-Modulated Array with Two Antenna Elements and One USRP. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2017, 28, 347-350.	0.0	6
51	Design of an On-Glass 5G Monopole Antenna for a Vehicle Window Glass. IEEE Access, 2021, 9, 152749-152755.	2.6	6
52	Effect of the substrate, metal-line and surface material on the performance of RFID tag antenna. , 2007, , .		5
53	Design of a miniaturized dual-band antenna for improved directivity using a dielectric-loaded cavity. Microwave and Optical Technology Letters, 2016, 58, 1591-1595.	0.9	5
54	2-D Direction-of-Arrival Estimation System Using Circular Array With Mutually Coupled Reference Signal. IEEE Sensors Journal, 2018, 18, 9763-9769.	2.4	5

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55	Design of a Coupled Feed Structure With Cavity Walls for Extremely Small Anti-Jamming Arrays. IEEE Access, 2019, 7, 17279-17286.	2.6	5
56	Analysis of the Target Detection Performance of Air-to-Air Airborne Radar Using Long-Range Propagation Simulation in Abnormal Atmospheric Conditions. Applied Sciences (Switzerland), 2020, 10, 6440.	1.3	5
57	Design of a High-Durability X-Band Patch Antenna with a CPW Feeding Network Based on a Durability Evaluation Analysis. Electronics (Switzerland), 2022, 11, 553.	1.8	5
58	Planar near-field RFID reader antenna using opposite-directed currents. , 2009, , .		4
59	<scp>CRPA</scp> array with radiating slots for <scp>GPS</scp> applications. Microwave and Optical Technology Letters, 2015, 57, 1991-1995.	0.9	4
60	Design of microstrip patch antennas with improved low-elevation gain for CRPA applications. Microwave and Optical Technology Letters, 2016, 58, 170-174.	0.9	4
61	A Novel Approach to Array Manifold Calibration Using Single-Direction Information for Accurate Direction-of-Arrival Estimation. IEEE Transactions on Antennas and Propagation, 2017, 65, 4952-4957.	3.1	4
62	Design of a planar periodic lossy magnetic surface to improve active array patterns with enhanced isolation. IET Microwaves, Antennas and Propagation, 2018, 12, 2383-2389.	0.7	4
63	Resonant transmission through periodic subwavelength real metal slits in the terahertz range. IEICE Electronics Express, 2018, 15, 20180612-20180612.	0.3	4
64	Electromagnetic Interference Caused by Parasitic Electric-line Current on a Digital Module in a Closed Cabinet. IEEE Access, 2019, 7, 59806-59812.	2.6	4
65	Electromagnetic Scattering of Periodic Cabinets in Nuclear Power Plants: Parallel Polarization. IEEE Access, 2019, 7, 16487-16493.	2.6	4
66	High altitude ducts causing abnormal wave propagation in coastal area of Korea. Microwave and Optical Technology Letters, 2020, 62, 643-650.	0.9	4
67	Design of Heterogenous Two-Element Array Antenna on an Electrically Thick Substrate for High Isolation and Low Pattern Correlation Using Modal Difference in Radiation Patterns. Applied Sciences (Switzerland), 2020, 10, 3916.	1.3	4
68	Electromagnetic Field Propagation and Indoor Exclusion Zone Analysis in a Nuclear Power Plant. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2386-2393.	1.4	4
69	Design of a Miniaturized Printed Multi-Turn Loop Antenna for Shielding Effectiveness Measurement. IEEE Access, 2020, 8, 54872-54878.	2.6	4
70	Analysis of Electromagnetic Interference Between Open Cable Trays. IEEE Access, 2020, 8, 72275-72286.	2.6	4
71	Performance Evaluation and Analysis of a VHF-UHF Blade Antenna. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2013, 24, 951-957.	0.0	4
72	Design of a Printed 5G Monopole Antenna on Vehicle Window Glass Using Parasitic Elements and a Lattice-Structure Reflector for Gain Enhancement. Applied Sciences (Switzerland), 2021, 11, 9953.	1.3	4

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73	Design of a Polarization-Selective EM Transparent Mesh-Type E-Shaped Antenna for Shared-Aperture Radar Applications. Applied Sciences (Switzerland), 2022, 12, 1862.	1.3	4
74	Size reduction of a folded conical helix antenna. , 0, , .		3
75	Design of multi-layered polygonal helix antennas for RFID applications. Microwave and Optical Technology Letters, 2007, 49, 1971-1974.	0.9	3
76	A compact spiral stripline-loaded monopole antenna with a vertical ground plane. Microwave and Optical Technology Letters, 2008, 50, 250-252.	0.9	3
77	Dual ISM-band gap-filler microstrip antenna with two Y-shaped slots for satellite internet service. Microwave and Optical Technology Letters, 2010, 52, 1825-1827.	0.9	3
78	Array configuration optimisation of dual-band controlled reception pattern antenna arrays for anisotropic ground platforms. IET Microwaves, Antennas and Propagation, 2014, 8, 597-603.	0.7	3
79	Design of microstrip patch antennas with parasitic elements for minimized polarization mismatch. , 2016, , .		3
80	Design of Single-Layer Microstrip Antennas for Dual-Frequency-Band Ratio Adjustment with Circular Polarization Characteristics. Electromagnetics, 2017, 37, 224-232.	0.3	3
81	Design of a Small Controlled Reception Pattern Antenna Array With a Single-Layer Coupled Feed Structure for Enhanced Bore-Sight Gain and a Matching Bandwidth. Electromagnetics, 2017, 37, 297-309.	0.3	3
82	Design of a 16-element array antenna with a planar L-shaped probe for a direction of arrival estimation of the unidentified broadband signal. Microwave and Optical Technology Letters, 2019, 61, 2315-2322.	0.9	3
83	Design of a Multi-Layered Reconfigurable Frequency Selective Surface Using Water Channels. Journal of Electrical Engineering and Technology, 2019, 14, 331-337.	1.2	3
84	Indoor exclusion zone analysis in a nuclear power plant with wirelessHART application. IEICE Electronics Express, 2019, 16, 20190204-20190204.	0.3	3
85	Design of a circular dual-loop antenna for a GPS array element using an extended cavity structure. Microwave and Optical Technology Letters, 2019, 61, 1104-1109.	0.9	3
86	Resonant transmission through periodic subwavelength terahertz metallic slits based on a quartz plate. Results in Physics, 2020, 16, 102881.	2.0	3
87	Estimation of abnormal wave propagation by a novel duct map based on the average normalized path loss. Microwave and Optical Technology Letters, 2020, 62, 1662-1670.	0.9	3
88	Design of a Monopulse System Using a Single Patch Radiator with a Simple Multi-Mode Substrate Integrated Waveguide Feeding Network. Applied Sciences (Switzerland), 2020, 10, 7224.	1.3	3
89	Design of patch antenna with polarization control module to achieve broad 3-dB gain bandwidth over entire AR range. Microwave and Optical Technology Letters, 2020, 62, 2606-2610.	0.9	3
90	Design of a Miniaturized Rectangular Multiturn Loop Antenna for Shielding Effectiveness Measurement. Sensors, 2020, 20, 3178.	2.1	3

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91	A compact dual spiral line loaded monopole antenna. , 2007, , .		2
92	Small broadband disk-loaded monopole antenna with a vertical ground plane. Microwave and Optical Technology Letters, 2007, 49, 1401-1405.	0.9	2
93	Optimum array configuration to improve the null steering performance for CRPA systems. , 2014, , .		2
94	Design of a very high frequency stretchable inverted conical helical antenna for maritime search and rescue applications. Microwave and Optical Technology Letters, 2020, 62, 284-288.	0.9	2
95	Method for Estimating Optimal Position of S-Band Relay Station through Path Loss Analysis in an Outdoor Environment. Applied Sciences (Switzerland), 2020, 10, 6089.	1.3	2
96	Design of a Wideband Coupled Feed Dipole Antenna for PCL Array Systems. Journal of Electrical Engineering and Technology, 2020, 15, 2251-2258.	1.2	2
97	Propagation From Geostationary Orbit Satellite to Ground Station Considering Dispersive and Inhomogeneous Atmospheric Environments. IEEE Access, 2020, 8, 161542-161550.	2.6	2
98	Design and Performance Prediction of a Dual-Band Coupled-Fed Dipole Array Antenna for PCL Systems in the VHF Band. Applied Sciences (Switzerland), 2020, 10, 1835.	1.3	2
99	Design of Parabola-Shaped Planar Lossy Magnetic Surface for Improved Isolation Characteristic Between GPS Array Elements With Circular Polarization Property. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 139-142.	2.4	2
100	Path Loss Analysis Considering Atmospheric Refractivity and Precipitation for Air-to-Ground Radar. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1968-1972.	2.4	2
101	Prediction of Wide Range Two-Dimensional Refractivity Using an IDW Interpolation Method from High-Altitude Refractivity Data of Multiple Meteorological Observatories. Applied Sciences (Switzerland), 2021, 11, 1431.	1.3	2
102	Statistical Indoor Exclusion Zone Analysis by Investigating Electromagnetic Fields inside a Nuclear Power Plant. Applied Sciences (Switzerland), 2021, 11, 4199.	1.3	2
103	Antenna Design for Microwave and Millimeter Wave Applications: Latest Advances and Prospects. Applied Sciences (Switzerland), 2021, 11, 5556.	1.3	2
104	Perpendicularly Configured Array Elements for a Shared-aperture S/X Dual-band Radar. , 2021, , .		2
105	Prediction of Target Detection Probability Based on Air-to-Air Long-Range Scenarios in Anomalous Atmospheric Environments. Remote Sensing, 2021, 13, 3943.	1.8	2
106	New perspective on single-radiator multiple-port antennas for adaptive beamforming applications. PLoS ONE, 2017, 12, e0186099.	1.1	2
107	Switched Array Antenna Beamforming for Low-Power IoT Wireless Communication. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2020, 31, 713-720.	0.0	2
108	Design of a Printed 5G Monopole Antenna With Periodic Patch Director on the Laminated Window Glass. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 297-301.	2.4	2



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109	Efficiency measurement for multi-band and broadband antennas using the modified Wheeler cap method. , 2006, , .		1
110	Broadband electrically small antenna using two electromagnetically coupled radiators. Microwave and Optical Technology Letters, 2010, 52, 1369-1372.	0.9	1
111	Design of aircraft on-glass antennas for FM radio communications. Microwave and Optical Technology Letters, 2011, 53, 588-590.	0.9	1
112	A small circularly polarized tag antenna on a high-dielectric substrate. Microwave and Optical Technology Letters, 2011, 53, 2423-2425.	0.9	1
113	Design of a double-faced glass-integrated antenna for military aircraft FM radio communication. , 2011, , .		1
114	Design of a Superstrate Module for Simple Resonant Frequency Tuning. IEEE Access, 2019, 7, 43742-43748.	2.6	1
115	Design of spiral antenna using a Vivaldi-shaped balun. Electromagnetics, 2019, 39, 217-226.	0.3	1
116	Design of mechanically rotatable microstrip patch antennas using an asymmetric polariser for adaptive polarisation adjustment. IET Microwaves, Antennas and Propagation, 2019, 13, 1122-1128.	0.7	1
117	Design of a cavity-backed spiral antenna using frequency-dependent impedance of a stepped-width arm for low frequency gain enhancement. Electromagnetics, 2020, 40, 93-103.	0.3	1
118	Design of Dual-band Coupled-fed Dipole Array Antenna Element for PCL Systems. , 2020, , .		1
119	Resonant Transmission Through a Single Subwavelength Slit for Varied Metallic Permittivities and Its Modal Orthogonality. Applied Sciences (Switzerland), 2020, 10, 660.	1.3	1
120	An Electrically Small Frequency Selective Loop Antenna for Shielding Effectiveness Measurement. IEEE Access, 2021, 9, 47048-47055.	2.6	1
121	Stretchable Helical Antenna With an Inverted-F Feeding Structure for Man Overboard Devices. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2220-2224.	2.4	1
122	Design of a Metasurface Lens to Adjust the Focal Length for Near-Field Beam Focusing. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 610-615.	0.0	1
123	Three Label Tags for Special Applications: Attaching on Small Targets, Long Distance Recognition, and Stable Performance with Arbitrary Objects. IEICE Transactions on Communications, 2014, E97.B, 1022-1029.	0.4	1
124	Adaptive Adjustment of Radiation Properties for Entire Range of Axial Ratio using a Parasitic Microstrip Polarizer. Journal of Electrical Engineering and Technology, 2017, 12, 1250-1256.	1.2	1
125	A Modeling Process of Equivalent Terrains for Reduced Simulation Complexity in Radar Scene Matching Applications. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2017, 17, 51-56.	2.9	1
126	Design of a Novel Wideband Leaf-Shaped Printed Dipole Array Antenna Using a Parasitic Loop for High-Power Jamming Applications. Sensors, 2021, 21, 6882.	2.1	1



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127	Design of a VHF-UHF Band Blade Antenna for Aircraft Applications. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2014, 25, 619-627.	0.0	1
128	Design of Dual-Band GPS Antenna Using a Single-Layer Coupled-Feed Structure. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2016, 27, 775-782.	0.0	1
129	Design of Dual-Band GPS Array Antenna Using In-Direct Feeding Pad. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2017, 28, 355-365.	0.0	1
130	Transmission Characteristics of Periodic Au Slits at Terahertz Regimes. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2018, 29, 77-82.	0.0	1
131	Beamforming Performance for Phased Array-Fed Reflector Antenna. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 190-194.	0.0	1
132	Design of a broadband microstrip loop antennas with less dispersive group velocity for accurate direction finding. IET Microwaves, Antennas and Propagation, 2019, 13, 2495-2500.	0.7	1
133	Optimization of a 36-Element Broadband Direction-Finding Antenna Array Using Printed Vivaldi Array Elements with Extended Flares. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2020, 31, 655-662.	0.0	1
134	Design of a High-Gain Single Circular Patch Radiator With a Cavity-Backed Structure Using Multiple SIW Feeders for Monopulse DF-Applications. IEEE Access, 2022, 10, 13684-13692.	2.6	1
135	Design of corrugated absorbers for oblique incidence using genetic algorithm. , 0, , .		0
136	Effect of crystallization on Adhesion Strength of External Electrode in LTCC. Materials Research Society Symposia Proceedings, 2006, 968, 1.	0.1	0
137	Design of a Dual Spiral Line Loaded Monopole Antenna for Cellular and RFID Bands. , 2008, , .		0
138	A dual-band wide-beamwidth WLAN access point antenna. , 2013, , .		0
139	Array configuration optimization using an objective function for accurate DOA estimation. , 2013, , .		0
140	Study on evaluation method for FMCW radar using EM simulation. , 2015, , .		0
141	Design of arc-shaped patch antenna arrays for GPS applications. , 2015, , .		0
142	Design of a periodic structure to improve isolation using ferrite material for small CRPA arrays. , 2016, , .		0
143	Analysis of subwavelength slit transmittances on Ag and Au plates at terahertz range. , 2016, , .		0
144	Spectrum analysis of slit for real metal at terahertz frequencies. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
145	Design of small CRPA arrays with circular loop antennas for frequency-insensitive properties. , 2017, , .		0
146	Design of small CRPA arrays with high-dielectric ceramic superstrates for gain enhancement. , 2017, , .		0
147	Analysis of transmission characteristics for periodic perfect and real metal apertures. , 2017, , .		0
148	Analysis of Indoor Exclusion Zone in Nuclear Power Plant Environments. , 2018, , .		0
149	Dual Band RCS Reduction Using Modulated Grooves in A Conducting Plane. Journal of Electrical Engineering and Technology, 2019, 14, 817-824.	1.2	0
150	Scattering Analysis of Modulated Corrugations in a Conducting Circular Cylinder and Study of RCS Reduction. IEEE Transactions on Antennas and Propagation, 2019, 67, 7162-7167.	3.1	0
151	Design of a four-Element array for accurate direction of arrival estimation in phase interferometry systems. Microwave and Optical Technology Letters, 2020, 62, 397-404.	0.9	0
152	Design and analysis of an 8-Element dipole array for passive coherent location systems. Microwave and Optical Technology Letters, 2020, 62, 3916-3921.	0.9	0
153	Loop-Shaped Patch Antenna for Conformal Arrays to Minimize the Effects of Adjacent Conducting Skin. Journal of Electrical Engineering and Technology, 2021, 16, 483-489.	1.2	0
154	Design of a Dual-Loop Array Antenna with Improved Isolation and Durability Characteristics. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 675-680.	0.0	0
155	Electromagnetic Interference Inside the Control System Cabinet of a Nuclear Power Plant From External Wireless Devices. IEEE Access, 2021, 9, 19219-19227.	2.6	0
156	Analysis of the Planar Electromagnetic Wave Absorber Using the Mode Matching Technique. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 270-274.	0.0	0
157	Configuration of a 16-Element Array Antenna Design to Improve Signal Detection Performances. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 438-444.	0.0	0
158	Design of a Printed Monopole Antenna with Periodic Patch Director on the Laminated Window Glass for Autonomous Vehicles. , 2021, , .		0
159	High-Directivity Low-Profile Patch Antenna for Wireless Power Transmission. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 872-877.	0.0	0
160	Design of Moiré-Inspired Metasurface Lens for Focusing Electromagnetic Power in Fresnel Near-Field Region. Energies, 2022, 15, 3911.	1.6	0
161	Antenna Design for Microwave and Millimeter Wave Applications II: Latest Advances and Prospects. Applied Sciences (Switzerland), 2022, 12, 6819.	1.3	0