

Sangwook Nam

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8903442/sangwook-nam-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146
papers

2,768
citations

29
h-index

48
g-index

176
ext. papers

3,432
ext. citations

3.3
avg, IF

5.32
L-index

#	Paper	IF	Citations
146	Bioresorbable Electronic Stent Integrated with Therapeutic Nanoparticles for Endovascular Diseases. <i>ACS Nano</i> , 2015 , 9, 5937-46	16.7	158
145	A 4.1 unequal Wilkinson power divider. <i>IEEE Microwave and Wireless Components Letters</i> , 2001 , 11, 124-126		151
144	Design of low-pass filters using defected ground structure. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2005 , 53, 2539-2545	4.1	130
143	A wideband spiral antenna for ingestible capsule endoscope systems: experimental results in a human phantom and a pig. <i>IEEE Transactions on Biomedical Engineering</i> , 2011 , 58, 1734-41	5	98
142	Application of defected ground structure in reducing the size of amplifiers. <i>IEEE Microwave and Wireless Components Letters</i> , 2002 , 12, 261-263	2.6	96
141	Fundamental Aspects of Near-Field Coupling Small Antennas for Wireless Power Transfer. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 3442-3449	4.9	92
140	A spiral-shaped defected ground structure for coplanar waveguide. <i>IEEE Microwave and Wireless Components Letters</i> , 2002 , 12, 330-332	2.6	88
139	Design of lowpass filters using defected ground structure and compensated microstrip line. <i>Electronics Letters</i> , 2002 , 38, 1357	1.1	83
138	An accurate broadband measurement of substrate dielectric constant 1996 , 6, 168-170		73
137	A compact-size microstrip spiral resonator and its application to microwave oscillator. <i>IEEE Microwave and Wireless Components Letters</i> , 2002 , 12, 375-377	2.6	72
136	Design of 10 dB 90° branch line coupler using microstrip line with defected ground structure. <i>Electronics Letters</i> , 2000 , 36, 1784	1.1	69
135	Embroidered Wearable Multiresonant Folded Dipole Antenna for FM Reception. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 803-806	3.8	68
134	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 1135-1138	3.8	67
133	Bandwidth Enhancement of Cavity-Backed Slot Antenna Using a Via-Hole Above the Slot. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 1092-1095	3.8	64
132	A power amplifier with efficiency improved using defected ground structure. <i>IEEE Microwave and Wireless Components Letters</i> , 2001 , 11, 170-172	2.6	63
131	A novel phase noise reduction technique in oscillators using defected ground structure. <i>IEEE Microwave and Wireless Components Letters</i> , 2002 , 12, 39-41	2.6	56
130	Equivalent circuit modelling of spiral defected ground structure for microstrip line. <i>Electronics Letters</i> , 2002 , 38, 1109	1.1	55

129	Compact Microstrip 3-dB Coupled-Line Ring and Branch-Line Hybrids With New Symmetric Equivalent Circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 1067-1078	4.1	50
128	Mode-Based Analysis of Resonant Characteristics for Near-Field Coupled Small Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 1238-1241	3.8	49
127	Bandwidth and Efficiency Enhancement of Cavity-Backed Slot Antenna Using a Substrate Removal. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 1458-1461	3.8	48
126	A CMOS Class-E Power Amplifier With Voltage Stress Relief and Enhanced Efficiency. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 310-317	4.1	48
125	New Design Formulas for Impedance-Transforming 3-dB Marchand Baluns. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2011 , 59, 2816-2823	4.1	44
124	1 GHz Pentacene Diode Rectifiers Enabled by Controlled Film Deposition on SAM-Treated Au Anodes. <i>Advanced Electronic Materials</i> , 2016 , 2, 1500282	6.4	39
123	Design of a Novel Harmonic-Suppressed Microstrip Low-Pass Filter. <i>IEEE Microwave and Wireless Components Letters</i> , 2007 , 17, 424-426	2.6	38
122	Wideband Microstrip Coupled-Line Ring Hybrids for High Power-Division Ratios. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 1768-1780	4.1	35
121	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1076-1085	4.9	34
120	A vertically periodic defected ground structure and its application in reducing the size of microwave circuits. <i>IEEE Microwave and Wireless Components Letters</i> , 2002 , 12, 479-481	2.6	34
119	A Series Slot Array Antenna for 45 $^{\circ}$ -Inclined Linear Polarization With SIW Technology. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 1785-1795	4.9	32
118	A new method to suppress harmonics using $\lambda/4$ bias line combined by defected ground structure in power amplifiers. <i>IEEE Microwave and Wireless Components Letters</i> , 2003 , 13, 538-540	2.6	29
117	Low-Power CMOS Super-Regenerative Receiver With a Digitally Self-Quenching Loop. <i>IEEE Microwave and Wireless Components Letters</i> , 2012 , 22, 486-488	2.6	28
116	A 77-GHz FMCW Radar System Using On-Chip Waveguide Feeders in 65-nm CMOS. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 3736-3746	4.1	27
115	Design of a 45 $^{\circ}$ -Inclined SIW Resonant Series Slot Array Antenna for K_a -Band. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 318-321	3.8	25
114	High-Q active resonators using amplifiers and their applications to low phase-noise free-running and voltage-controlled oscillators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2004 , 52, 2621-2626	4.1	24
113	Prediction of a CDMA output spectrum based on intermodulation products of two-tone test. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001 , 49, 938-946	4.1	23
112	High-efficiency harmonic loaded oscillator with low bias using a nonlinear design approach. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1999 , 47, 1670-1679	4.1	23

111	A Compact and Wideband Linear Array Antenna With Low Mutual Coupling. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5695-5699	4.9	21
110	3-dB Power Dividers With Equal Complex Termination Impedances and Design Methods for Controlling Isolation Circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 3872-3883	4.1	21
109	Self-Calibrated Two-Point DeltaSigma Modulation Technique for RF Transmitters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 1748-1757	4.1	21
108	A CMOS Outphasing Power Amplifier With Integrated Single-Ended Chireix Combiner. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2010 , 57, 411-415	3.5	21
107	Characterization of embroidered inductors. <i>Smart Materials and Structures</i> , 2010 , 19, 115020	3.4	18
106	. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4511-4518	4.9	17
105	A New Type of Low Pass Filter With Defected Ground Structure 2002 ,		17
104	A Low-Phase-Noise 77-GHz FMCW Radar Transmitter With a 12.8-GHz PLL and a $\times 6$ Frequency Multiplier. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 540-542	2.6	16
103	60-GHz CPW-fed dielectric-resonator-above-patch (DRAP) antenna for broadband WLAN applications using micromachining technology. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1859-1861	1.2	16
102	A Two-Stage Broadband Fully Integrated CMOS Linear Power Amplifier for LTE Applications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 533-537	3.5	15
101	Effective Area of a Receiving Antenna in a Lossy Medium. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 1843-1845	4.9	15
100	Microwave dielectric relaxation of the polycrystalline (Ba,Sr)TiO ₃ thin films. <i>Applied Physics Letters</i> , 2005 , 86, 182904	3.4	15
99	Wideband Coupled-Line Microstrip Filters With High-Impedance Short-Circuited Stubs. <i>IEEE Microwave and Wireless Components Letters</i> , 2011 , 21, 586-588	2.6	14
98	Short-Time Fourier Transform of Deeply Located Tunnel Signatures Measured by Cross-Borehole Pulse Radar. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011 , 8, 493-496	4.1	14
97	Folded Cavity-Backed Crossed-Slot Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 36-39	3.8	13
96	High-Efficiency Power Amplifier Using Novel Dynamic Bias Switching. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 690-696	4.1	13
95	A novel high-efficiency linear transmitter using injection-locked pulsed oscillator. <i>IEEE Microwave and Wireless Components Letters</i> , 2005 , 15, 214-216	2.6	13
94	A phase noise reduction technique in microwave oscillator using high-Q active filter. <i>IEEE Microwave and Wireless Components Letters</i> , 2002 , 12, 426-428	2.6	12

93	Estimation of the penetration angle of a man-made tunnel using time of arrival measured by short-pulse cross-borehole radar. <i>Geophysics</i> , 2010 , 75, J11-J18	3.1	11
92	Low Power OOK Transmitter for Wireless Capsule Endoscope 2007 ,		11
91	Rapid summation of the Green's function for the rectangular waveguide. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1998 , 46, 2164-2166	4.1	11
90	A Transconductor and Tunable S_{21} -C S_{21} High-Pass Filter Linearization Technique Using Feedforward S_{21} Canceling. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015 , 62, 1058-1062	3.5	10
89	Design of OOK system for wireless capsule endoscopy 2010 ,		10
88	A Two-Stage S - X -Band CMOS Power Amplifier for High-Resolution Radar Transceivers. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 606-608	2.6	9
87	Compact UHF 3 dB MCCT Power Dividers. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 445-447	2.6	9
86	The Optimum Operating Frequency for Near-Field Coupled Small Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 1027-1031	4.9	9
85	Effect of crystallinity on the dielectric loss of sputter-deposited (Ba,Sr)TiO ₃ thin films in the microwave range. <i>Journal of Materials Research</i> , 2003 , 18, 682-686	2.5	9
84	Adaptive predistorter for power amplifier based on real-time estimation of envelope transfer characteristics. <i>Electronics Letters</i> , 1999 , 35, 2167	1.1	9
83	Efficiency Bound of Radiative Wireless Power Transmission Using Practical Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5750-5755	4.9	8
82	. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7179-7183	4.9	8
81	An Adaptively Biased Class-C VCO With a Self-Turn-Off Auxiliary Class-B Pair for Fast and Robust Startup. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 34-36	2.6	8
80	Efficiency enhancement of microstrip antenna by elevating radiating edges of patch. <i>Electronics Letters</i> , 2003 , 39, 1363	1.1	8
79	A new phase noise reduction method of oscillator by loaded Q improvement using dual feedback topology. <i>IEEE Microwave and Wireless Components Letters</i> , 2005 , 15, 39-41	2.6	8
78	Mechanism and Elimination of Scan Blindness in a T-Printed Dipole Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 242-253	4.9	8
77	W-Band Low Phase Sensitivity Reflectarray Antennas With Wideband Characteristics Considering the Effect of Angle of Incidence. <i>IEEE Access</i> , 2020 , 8, 111064-111073	3.5	7
76	Determination of the Generalized Scattering Matrix of an Antenna From Characteristic Modes. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 4848-4852	4.9	7

75	Evolvable Skin Electronics by In Situ and In Operando Adaptation. <i>Advanced Functional Materials</i> , 2016, 8, 2106329	5.6	7
74	Ultra-Wideband and Wide-Angle Insensitive Absorber Based on TCDA-Under-Tightly Coupled Dipole Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 5682-5690	4.9	7
73	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 5305-5312	4.9	6
72	Extended Mode-Based Bandwidth Analysis for Asymmetric Near-Field Communication Systems. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 421-424	4.9	6
71	A novel wide-band envelope detector 2008,		6
70	Q Evaluation of Small Insulated Antennas in a Lossy Medium and Practical Radiation Efficiency Estimation 2007,		6
69	FDTD Simulation of Three-Wave Scattering Process in Time-Varying Cold Plasma Sheath. <i>IEEE Access</i> , 2019, 7, 106713-106720	3.5	5
68	A dual band CMOS power amplifier for an S/X band high resolution radar system 2014,		5
67	Spherical Mode-Based Analysis of Wireless Power Transfer Between Two Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2014, 62, 3054-3063	4.9	5
66	A low-power 77 GHz transceiver for automotive radar system in 65 nm CMOS technology 2013,		5
65	Mode-Based Computation Method of Channel Characteristics for a Near-Field MIMO. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011, 10, 1170-1173	3.8	5
64	A general rigorous analysis of arbitrary-shaped multiaperture-coupled directional coupler between two dissimilar rectangular waveguides crossing with an arbitrary angle. <i>Microwave and Optical Technology Letters</i> , 1998, 18, 43-46	1.2	5
63	An Inductorless CMOS 0.1-1GHz Automatic Gain Control Circuit 2008,		5
62	Triband branch line coupler using double-Lorentz transmission lines. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 1174-1177	1.2	5
61	Protecting the method of auxiliary sources (MAS) solutions from the interior resonance problem. <i>IEEE Microwave and Wireless Components Letters</i> , 2005, 15, 186-188	2.6	5
60	An iterative FEM for scattering by a 3-D cavity-backed aperture. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001, 49, 2147-2151	4.1	5
59	Road clutter spectrum of BSD FMCW automotive radar 2015,		4
58	Design Method for Butterworth Bandpass Filters With Even Number of Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012, 60, 1549-1559	4.1	4

57	Multi-Slot Main Memory System for Post DDR3. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2010 , 57, 334-338	3.5	4
56	Mode-Based Estimation of 3 dB Bandwidth for Near-Field Communication Systems. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 3131-3135	4.9	4
55	A high-efficiency power amplifier using multilevel digital pulse modulation. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1921-1924	1.2	4
54	Challenges and directions of ultra low energy wireless sensor nodes for biosignal monitoring 2012 ,		4
53	Efficient calculation of the Green's function in rectangular waveguides		4
52	Time-Domain Electromagnetic Fields Radiating Along the Horizontal Interface Between Vertically Uniaxial Half-Space Media. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 1305-1317	4.9	4
51	A power re-use technique for improved efficiency of pulsed oscillating amplifiers. <i>IEEE Microwave and Wireless Components Letters</i> , 2006 , 16, 567-569	2.6	4
50	Cylindrical Tightly Coupled Dipole Array Antenna. <i>Journal of the Korean Institute of Electromagnetic Engineering and Science</i> , 2019 , 19, 122-129	2.3	4
49	Characteristics of TCDA With Polarization Converting Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2359-2364	4.9	4
48	Mutual Coupling Compensation in Receive-Mode Antenna Array Based on Characteristic Mode Analysis. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 7434-7438	4.9	4
47	Design of a low-profile 2 to 6 GHz circular polarized single arm hexagonal spiral array antenna 2017 ,		3
46	A dual-band FMCW radar for through-wall detection 2015 ,		3
45	500 MHz OOK Transmitter With 22 pj/bit, 38.4% Efficiency Using RF Current Combining. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 424-426	2.6	3
44	Mutual coupling analysis of antennas in layered media through equivalent sources for wireless power transfer 2014 ,		3
43	A Crosstalk Reduction Technique for Microstrip MTL Using Mode Velocity Equalization. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2011 , 53, 366-371	2	3
42	Performance Improvement of LC-based Beam Steering Leaky Wave Holographic Antenna using Decoupling Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	3
41	79 GHz Active Array FMCW Radar System on Low-Cost FR-4 Substrates. <i>IEEE Access</i> , 2020 , 8, 213854-213865	3.5	3
40	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 2479-2483	3.8	3

39	A Wall-Clutter Rejection Technique Using Two PLLs and a Phase Controller for Wall-Penetrating FMCW Radar. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 471-474	4.1	2
38	A 13 GHz 3:2 transformer based linear transconductance VCO 2015 ,		2
37	Architecture of a multi-slot main memory system for 3.2 Gbps operation 2010 ,		2
36	A 29 dBm CMOS class-E power amplifier with 63% PAE using negative capacitance 2009 ,		2
35	Fast RSSI circuit using novel power detector for wireless communication 2008 ,		2
34	Hot-Switching Test of Non-Contact Type MEMS Switch. <i>IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium</i> , 2007 ,		2
33	Analysis and Elimination of Unwanted Resonances for Wideband Reflectarray Antenna Design at Sub-Millimeter Waves. <i>IEEE Access</i> , 2020 , 8, 224750-224760	3.5	2
32	Performance Enhancement of 5G Millimeter Wave Antenna Module Integrated Tablet Device. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 1-1	4.9	2
31	Transmission Enhancement Methods for Low-Emissivity Glass at 5G mmWave Band. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 108-112	3.8	2
30	Extremely low-profile wideband array antenna using TCDA with polarization convertor. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 959-964	1.2	2
29	Electronically beamscannable sinusoidally modulated reactance surface antenna. <i>EPJ Applied Metamaterials</i> , 2019 , 6, 13	0.8	1
28	28 GHz metal cavity-backed twin arc slot antenna for high efficiency and thermal management. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 3576-3580	1.2	1
27	Isolation enhanced multiway power divider for wideband (3:1) beamforming array 2016 ,		1
26	Determination of the Impedance Parameters of Antennas and the Maximum Power Transfer Efficiency of Wireless Power Transfer. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5132-5144	4.9	1
25	Beam Steering of a Multi-Port Chassis Antenna Using the Least Squares Method and Theory of Characteristic Modes. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5684-5688	4.9	1
24	A modeling method for dumbbell-shaped DGS and its parameter extraction. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2910-2913	1.2	1
23	Millimeter-wave slot array antenna using SIW and electroforming techniques 2015 ,		1
22	Simple efficient resonant coupling wireless power transfer system operating at varying distances between antennas. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 2397-2401	1.2	1

21	An efficient CMOS power-combining technique with differential and single-ended power amplifier. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2214-2217	1.2	1
20	EQ\$ Evaluation of Antennas in an Electrically Conductive Medium. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 2116-2120	4.9	1
19	A novel EER structure for reducing complexity using negative resistance amplifier. <i>IEEE Microwave and Wireless Components Letters</i> , 2004 , 14, 195-197	2.6	1
18	A technique for reducing the size of amplifiers using defected ground structure		1
17	Evolvable Skin Electronics by In Situ and In Operando Adaptation (Adv. Funct. Mater. 4/2022). <i>Advanced Functional Materials</i> , 2022 , 32, 2270029	15.6	1
16	High-Efficiency Dielectric Reflectarray Antennas With Ultra-Wideband Characteristics. <i>IEEE Access</i> , 2021 , 9, 152075-152081	3.5	1
15	Isolation Enhanced Multiway Power Divider for Wideband (4:1) Beamforming Arrays. <i>IEICE Transactions on Electronics</i> , 2016 , E99.C, 1327-1330	0.4	1
14	A Wideband Noise-Cancelling Receiver Front-End Using a Linearized Transconductor. <i>IEICE Transactions on Electronics</i> , 2017 , E100.C, 340-343	0.4	1
13	2020 ,		1
12	Microstrip array antenna bandwidth enhancement using reactive surface. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 825-829	1.2	1
11	A Novel Reflection-Type Polarization Converter Design Using Connected Orthogonal Tightly Coupled Dipole Arrays. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
10	Optimization of Microwave Wireless Power Transmission With Specific Absorption Rate Constraint for Human Safety. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7721-7726	4.9	0
9	A new design approach for an injection-locked oscillator with an enhanced locking range. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 325-327	1.2	0
8	Optimized Transmitting Sources for Radiative-Wireless Power Transmission with Lossy Media. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
7	A 0.4-1.2GHz Reconfigurable CMOS Power Amplifier for 802.11ah/af Applications. <i>IEICE Transactions on Electronics</i> , 2019 , E102.C, 91-94	0.4	0
6	Correction to Determination of the Generalized Scattering Matrix of an Antenna From Characteristic Modes[Sep 13 4848-4852]. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 876-876	4.9	
5	Low-Spurious Wideband DDS-Based Ku-Band Chirp Generator for Short-Range Radar Application. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	
4	Design of W-band Wideband Low Phase Sensitivity Dual-Reflectarray Antenna with Beam Steering. <i>The Journal of Korean Institute of Information Technology</i> , 2019 , 17, 61-68	0.2	

- 3 7-Bit Multilayer True-Time Delay up to 1016ps for Wideband Phased Array Antenna. *IEICE Transactions on Electronics*, **2019**, E102.C, 622-626 0.4
- 2 Modeling stepped U-slot DGS microstrip line. *Microwave and Optical Technology Letters*, **2016**, 58, 583-587
- 1 Correction to Spherical Mode-Based Analysis of Wireless Power Transfer Between Two Antennas□
IEEE Transactions on Antennas and Propagation, **2022**, 1-1 4.9