

Seongmin Pyo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Broadband Circularly Polarized Crossed Dipole With Parasitic Loop Resonators and Its Arrays. IEEE Transactions on Antennas and Propagation, 2011, 59, 80-88.	5.1	164
2	A Reconfigurable Circularly Polarized Microstrip Antenna With a Slotted Ground Plane. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1161-1164.	4.0	71
3	Crossed dipole antenna with switchable circular polarisation sense. Electronics Letters, 2009, 45, 717.	1.0	43
4	A Slot-Loaded Composite Right/Left-Handed Transmission Line for a Zeroth-Order Resonant Antenna With Improved Efficiency. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2775-2782.	4.6	32
5	Switchable Printed Yagi-Uda Antenna with Pattern Reconfiguration. ETRI Journal, 2009, 31, 318-320.	2.0	24
6	Modeling and Analysis on Radio Interference of OFDM Waveforms for Coexistence Study. IEEE Access, 2019, 7, 35132-35147.	4.2	13
7	Slot-perturbed microstrip antenna for switchable circular polarisation. Electronics Letters, 2011, 47, 583.	1.0	12
8	Metamaterial-based antenna with triangular slotted ground for efficiency improvement. Electronics Letters, 2009, 45, 144.	1.0	11
9	A metamaterial-based symmetrical periodic antenna with efficiency enhancement. , 2008, , .		10
10	Offset-fed metamaterial antenna for radiation mode generation with efficiency improvement. IET Microwaves, Antennas and Propagation, 2010, 4, 1481.	1.4	9
11	Microstrip antenna perturbed by a defected ground structure with a reconfigurable polarization capability. Microwave and Optical Technology Letters, 2012, 54, 58-61.	1.4	9
12	A circularly polarized microstrip antenna with an arrow-shaped slotted ground. Microwave and Optical Technology Letters, 2012, 54, 271-273.	1.4	8
13	Dual-reconfigurable microstrip antenna for polarisation agility and diversity. Electronics Letters, 2015, 51, 1226-1227.	1.0	8
14	Dual-mode dual-band bandpass filter for single substrate configuration. Electronics Letters, 2009, 45, 982.	1.0	6
15	Multiband Meandered Monopole Antenna for Mobile Applications. ETRI Journal, 2010, 32, 475-478.	2.0	6
16	A miniaturized switchable circularly polarized patch antenna controlled by a single diode operation. Microwave and Optical Technology Letters, 2012, 54, 2375-2378.	1.4	6
17	Asymmetrical coupling feed of circularly polarized microstrip antenna for bandwidth enhancement. Microwave and Optical Technology Letters, 2016, 58, 1672-1675.	1.4	6
18	Dual-band bidirectional circularly polarized microstrip antenna for CubeSat system. Microwave and Optical Technology Letters, 2018, 60, 2989-2992.	1.4	6

#	ARTICLE	IF	CITATIONS
19	Reconfigurable Circularly Polarized Microstrip Antenna on a Slotted Ground. ETRI Journal, 2010, 32, 468-471.	2.0	5
20	Compact Circularly Polarized Microstrip Antennas Using EM Coupled Loop Resonators. IEICE Transactions on Communications, 2010, E93-B, 2658-2661.	0.7	4
21	Reconfigurable microstrip annular ring antenna for circular polarization diversity. Microwave and Optical Technology Letters, 2014, 56, 1706-1709.	1.4	4
22	Circular polarizationâ€agile microstrip antenna for wireless access in vehicular environments. Microwave and Optical Technology Letters, 2014, 56, 2310-2313.	1.4	4
23	Reconfigurable dual-slit perturbed patch antenna for circular polarization diversity. IEICE Electronics Express, 2014, 11, 20140384-20140384.	0.8	4
24	Reconfigurable circularly polarized microstrip antenna based on dualâ€embedded dual slotted ring perturbation. Microwave and Optical Technology Letters, 2015, 57, 2422-2425.	1.4	4
25	Bidirectional circularly polarized microstrip antenna using axisâ€symmetrical crossâ€shaped slotted ground. Microwave and Optical Technology Letters, 2017, 59, 2498-2501.	1.4	4
26	A compact microstrip antenna on a cross-shape slotted ground with a switchable circular polarization. , 2009, , .		3
27	Microstrip antenna using H-slotted ground structure for orthogonally polarized dual-band operation. Microwave and Optical Technology Letters, 2016, 58, 136-139.	1.4	3
28	A polarization switchable microstrip patch antenna with a circular slot. , 2008, , .		2
29	A size reduced CRLH resonant antenna based on interdigital capacitors with defected ground structure. Microwave and Optical Technology Letters, 2010, 52, 2142-2145.	1.4	2
30	Switchable Microstrip Antenna with Circular Polarization Diversity. IEICE Transactions on Communications, 2011, E94-B, 2650-2652.	0.7	2
31	Gainâ€enhanced linearly tapered slot antenna with halfâ€circular slotted side edges. Microwave and Optical Technology Letters, 2011, 53, 686-688.	1.4	2
32	Circularly polarized annual ring antenna perturbed by asymmetrical defected ground structures for improved gain. Microwave and Optical Technology Letters, 2011, 53, 2994-2996.	1.4	2
33	Switchable circularlyâ€polarised square ring antenna controlled by dualâ€loaded dualâ€loop. Electronics Letters, 2014, 50, 428-429.	1.0	2
34	Perpendicularly-fed microstrip antenna with crossed ground slot for GPS application. , 2017, , .		2
35	Mesh-Grounded Monopolar Hexagonal Microstrip Antenna for Artillery-Launched Observation Round. Electronics (Switzerland), 2019, 8, 1279.	3.1	2
36	Extremely Low-Profile Monopolar Microstrip Antenna with Wide Bandwidth. Sensors, 2021, 21, 5295.	3.8	2

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37	Characterization of interdigital stub with defected ground structure. Microwave and Optical Technology Letters, 2009, 51, 1353-1356.	1.4	1
38	Metamaterial-Based Microstrip Antenna Using Slot-Embedded Ground Plane for Bandwidth Improvements. IEICE Transactions on Communications, 2010, E93-B, 2784-2786.	0.7	1
39	Reconfigurable dual-band embedded cross-slotted microstrip antenna with frequency diversity capability. Microwave and Optical Technology Letters, 2018, 60, 951-956.	1.4	1
40	Circularly polarized microstrip antenna with bidirectional radiation using dual-layered arrow-shape slot perturbation for CubeSat application. Microwave and Optical Technology Letters, 2018, 60, 2018-2022.	1.4	1
41	Dual-band monopolar microstrip antenna using a quasi-circularly arranged mushroom resonator on meshed ground structure. Microwave and Optical Technology Letters, 2019, 61, 2720-2724.	1.4	1
42	Adaptive calibration method for AM/PM distortion in nonlinear devices. , 2009, , .		0
43	Novel UWB Bandpass Filter Using CPW-to-Microstrip Transition Structure. IEICE Transactions on Electronics, 2009, E92-C, 1545-1547.	0.6	0
44	Linearly Tapered Slot Antenna with Defected Sides for Gain Improvement. IEICE Transactions on Communications, 2010, E93-B, 2655-2657.	0.7	0
45	Circularly Polarized Microstrip Antenna with Reconfigurable Capability Using Ground Slot Perturbations. IEICE Transactions on Communications, 2010, E93-B, 3639-3642.	0.7	0
46	Metamaterial-based microstrip antenna with ground slots for gain-enhanced dual-band operations. , 2010, , .		0
47	Dual-Band Magnetic Loop Antenna with Monopolar Radiation Using Slot-Loaded Composite Right/Left-Handed Structures. IEICE Transactions on Communications, 2012, E95-B, 627-630.	0.7	0
48	Ground-embedded dual-slot perturbation for switchable circularly polarized microstrip antenna. Microwave and Optical Technology Letters, 2014, 56, 2537-2539.	1.4	0
49	A switched capacitor based transimpedance amplifier for detection of HAB using an optical sensor. , 2016, , .		0
50	Frequency and circular polarization switchable microstrip antenna for dynamic spectrum allocation. Microwave and Optical Technology Letters, 2018, 60, 2753-2759.	1.4	0
51	Axisymmetric Slot Perturbation According to Perpendicular Feed for Circularly Polarized Microstrip Antenna. International Journal of Control and Automation, 2017, 10, 179-188.	0.3	0
52	Circularly Polarized Microstrip Antenna Using I-Shape Ground Slot Perturbation and Perpendicular Feeding Network. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2017, 28, 497-500.	0.3	0