

Seongmin Pyo

List of Publications by Year in descending order

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52
papers

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1170033

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docs citations

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times ranked

450
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Extremely Low-Profile Monopolar Microstrip Antenna with Wide Bandwidth. <i>Sensors</i> , 2021, 21, 5295. | 2.1 | 2 |
| 2 | Dual-band monopolar microstrip antenna using a quasi-circularly arranged mushroom resonator on meshed ground structure. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 2720-2724. | 0.9 | 1 |
| 3 | Modeling and Analysis on Radio Interference of OFDM Waveforms for Coexistence Study. <i>IEEE Access</i> , 2019, 7, 35132-35147. | 2.6 | 13 |
| 4 | Mesh-Grounded Monopolar Hexagonal Microstrip Antenna for Artillery-Launched Observation Round. <i>Electronics (Switzerland)</i> , 2019, 8, 1279. | 1.8 | 2 |
| 5 | Reconfigurable dual-band embedded cross-slotted microstrip antenna with frequency diversity capability. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 951-956. | 0.9 | 1 |
| 6 | Dual-band bidirectional circularly polarized microstrip antenna for CubeSat system. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 2989-2992. | 0.9 | 6 |
| 7 | Frequency and circular polarization switchable microstrip antenna for dynamic spectrum allocation. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 2753-2759. | 0.9 | 0 |
| 8 | Circularly polarized microstrip antenna with bidirectional radiation using dual-layered arrow-shaped slot perturbation for CubeSat application. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 2018-2022. | 0.9 | 1 |
| 9 | Bidirectional circularly polarized microstrip antenna using axis-symmetrical cross-shaped slotted ground. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 2498-2501. | 0.9 | 4 |
| 10 | Perpendicularly-fed microstrip antenna with crossed ground slot for GPS application. , 2017, , . | | 2 |
| 11 | Axisymmetric Slot Perturbation According to Perpendicular Feed for Circularly Polarized Microstrip Antenna. <i>International Journal of Control and Automation</i> , 2017, 10, 179-188. | 0.3 | 0 |
| 12 | Circularly Polarized Microstrip Antenna Using I-Shape Ground Slot Perturbation and Perpendicular Feeding Network. <i>The Journal of Korean Institute of Electromagnetic Engineering and Science</i> , 2017, 28, 497-500. | 0.0 | 0 |
| 13 | Asymmetrical coupling feed of circularly polarized microstrip antenna for bandwidth enhancement. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 1672-1675. | 0.9 | 6 |
| 14 | A switched capacitor based transimpedance amplifier for detection of HAB using an optical sensor. , 2016, , . | | 0 |
| 15 | Microstrip antenna using H-slotted ground structure for orthogonally polarized dual-band operation. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 136-139. | 0.9 | 3 |
| 16 | Reconfigurable circularly polarized microstrip antenna based on dual-band embedded dual slotted ring perturbation. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 2422-2425. | 0.9 | 4 |
| 17 | Dual-band reconfigurable microstrip antenna for polarisation agility and diversity. <i>Electronics Letters</i> , 2015, 51, 1226-1227. | 0.5 | 8 |
| 18 | Reconfigurable microstrip annular ring antenna for circular polarization diversity. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 1706-1709. | 0.9 | 4 |

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|----|--|-----|-----------|
| 19 | Circular polarizationâ€ agile microstrip antenna for wireless access in vehicular environments. Microwave and Optical Technology Letters, 2014, 56, 2310-2313. | 0.9 | 4 |
| 20 | Groundâ€ embedded dualâ€ slot perturbation for switchable circularly polarized microstrip antenna. Microwave and Optical Technology Letters, 2014, 56, 2537-2539. | 0.9 | 0 |
| 21 | Switchable circularlyâ€ polarised square ring antenna controlled by dualâ€ loaded dualâ€ loop. Electronics Letters, 2014, 50, 428-429. | 0.5 | 2 |
| 22 | Reconfigurable dual-slit perturbed patch antenna for circular polarization diversity. IEICE Electronics Express, 2014, 11, 20140384-20140384. | 0.3 | 4 |
| 23 | 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. | 0.4 | 0 |
| 24 | A miniaturized switchable circularly polarized patch antenna controlled by a single diode operation. Microwave and Optical Technology Letters, 2012, 54, 2375-2378. | 0.9 | 6 |
| 25 | A circularly polarized microstrip antenna with an arrowâ€ shaped slotted ground. Microwave and Optical Technology Letters, 2012, 54, 271-273. | 0.9 | 8 |
| 26 | Microstrip antenna perturbed by a defected ground structure with a reconfigurable polarization capability. Microwave and Optical Technology Letters, 2012, 54, 58-61. | 0.9 | 9 |
| 27 | Broadband Circularly Polarized Crossed Dipole With Parasitic Loop Resonators and Its Arrays. IEEE Transactions on Antennas and Propagation, 2011, 59, 80-88. | 3.1 | 164 |
| 28 | Slot-perturbed microstrip antenna for switchable circular polarisation. Electronics Letters, 2011, 47, 583. | 0.5 | 12 |
| 29 | Switchable Microstrip Antenna with Circular Polarization Diversity. IEICE Transactions on Communications, 2011, E94-B, 2650-2652. | 0.4 | 2 |
| 30 | Gainâ€ enhanced linearly tapered slot antenna with halfâ€ circular slotted side edges. Microwave and Optical Technology Letters, 2011, 53, 686-688. | 0.9 | 2 |
| 31 | Circularly polarized annular ring antenna perturbed by asymmetrical defected ground structures for improved gain. Microwave and Optical Technology Letters, 2011, 53, 2994-2996. | 0.9 | 2 |
| 32 | Linearly Tapered Slot Antenna with Defected Sides for Gain Improvement. IEICE Transactions on Communications, 2010, E93-B, 2655-2657. | 0.4 | 0 |
| 33 | Compact Circularly Polarized Microstrip Antennas Using EM Coupled Loop Resonators. IEICE Transactions on Communications, 2010, E93-B, 2658-2661. | 0.4 | 4 |
| 34 | Offset-fed metamaterial antenna for radiation mode generation with efficiency improvement. IET Microwaves, Antennas and Propagation, 2010, 4, 1481. | 0.7 | 9 |
| 35 | A size reduced CRLH resonant antenna based on interdigital capacitors with defected ground structure. Microwave and Optical Technology Letters, 2010, 52, 2142-2145. | 0.9 | 2 |
| 36 | Reconfigurable Circularly Polarized Microstrip Antenna on a Slotted Ground. ETRI Journal, 2010, 32, 468-471. | 1.2 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Metamaterial-Based Microstrip Antenna Using Slot-Embedded Ground Plane for Bandwidth Improvements. IEICE Transactions on Communications, 2010, E93-B, 2784-2786. | 0.4 | 1 |
| 38 | Circularly Polarized Microstrip Antenna with Reconfigurable Capability Using Ground Slot Perturbations. IEICE Transactions on Communications, 2010, E93-B, 3639-3642. | 0.4 | 0 |
| 39 | Multiband Meandered Monopole Antenna for Mobile Applications. ETRI Journal, 2010, 32, 475-478. | 1.2 | 6 |
| 40 | A Reconfigurable Circularly Polarized Microstrip Antenna With a Slotted Ground Plane. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1161-1164. | 2.4 | 71 |
| 41 | Metamaterial-based microstrip antenna with ground slots for gain-enhanced dual-band operations. , 2010, , . | | 0 |
| 42 | Switchable Printed Yagi-Uda Antenna with Pattern Reconfiguration. ETRI Journal, 2009, 31, 318-320. | 1.2 | 24 |
| 43 | Dual-mode dual-band bandpass filter for single substrate configuration. Electronics Letters, 2009, 45, 982. | 0.5 | 6 |
| 44 | 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. | 2.9 | 32 |
| 45 | Characterization of interdigital stub with defected ground structure. Microwave and Optical Technology Letters, 2009, 51, 1353-1356. | 0.9 | 1 |
| 46 | Metamaterial-based antenna with triangular slotted ground for efficiency improvement. Electronics Letters, 2009, 45, 144. | 0.5 | 11 |
| 47 | A compact microstrip antenna on a cross-shape slotted ground with a switchable circular polarization. , 2009, , . | | 3 |
| 48 | Adaptive calibration method for AM/PM distortion in nonlinear devices. , 2009, , . | | 0 |
| 49 | Crossed dipole antenna with switchable circular polarisation sense. Electronics Letters, 2009, 45, 717. | 0.5 | 43 |
| 50 | Novel UWB Bandpass Filter Using CPW-to-Microstrip Transition Structure. IEICE Transactions on Electronics, 2009, E92-C, 1545-1547. | 0.3 | 0 |
| 51 | A polarization switchable microstrip patch antenna with a circular slot. , 2008, , . | | 2 |
| 52 | A metamaterial-based symmetrical periodic antenna with efficiency enhancement. , 2008, , . | | 10 |