

Design of Wavetraps for Isolation Improvement in Com Antennas

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#	ARTICLE	IF	CITATIONS
2	Resonant structures and applications to mobile handset antennas. , 2016, , .		2
3	Compact Inband Full-Duplex Relays With Beyond 100 dB Self-Interference Suppression: Enabling Techniques and Field Measurements. IEEE Transactions on Antennas and Propagation, 2017, 65, 960-965.	3.1	104
5	Millimeter wave low-profile relay antennas for 5G full duplex self-interference suppression. , 2017, , .		3
6	Design of a steerable indoor repeater antenna. , 2017, , .		0
7	Dual-Polarized On-Chip Antenna for 300â€™GHz Full-Duplex Communication System. International Journal of Antennas and Propagation, 2017, 2017, 1-7.	0.7	8
8	An Eight-Element Reconfigurable Diversity Dipole System. IEEE Transactions on Antennas and Propagation, 2018, 66, 572-581.	3.1	23
9	A Coplanar Waveguide Fed UWB Antenna using Embedded E-shaped Structure with WLAN Band-rejection. Frequenz, 2018, 72, 325-332.	0.6	9
10	Analyses and Full-Duplex Applications of Circularly Polarized OAM Arrays Using Sequentially Rotated Configuration. IEEE Transactions on Antennas and Propagation, 2018, 66, 7010-7020.	3.1	32
11	Robust Self-Interference Cancellation for Microstrip Antennas by Means of Phase Reconfigurable Coupler. IEEE Transactions on Antennas and Propagation, 2018, 66, 5574-5579.	3.1	20
12	Design of an Antenna Decoupling Structure for an Inband Full-Duplex Collinear Dipole Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 3763-3768.	3.1	37
13	A Dual-Polarized Antenna Array With Enhanced Interport Isolation for Far-Field Wireless Data and Power Transfer. IEEE Transactions on Vehicular Technology, 2018, 67, 10258-10267.	3.9	26
14	One-way ramp to a two-way highway: integrated magnetic-free nonreciprocal antenna interfaces for full-duplex wireless. IEEE Microwave Magazine, 2019, 20, 56-75.	0.7	30
15	A Self-Interference Suppression Structure for Collinear Dipoles. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2100-2104.	2.4	12
16	Degrees of Freedom for Half-Duplex and Full-Duplex Cognitive Radios. IEEE Transactions on Vehicular Technology, 2019, 68, 2571-2584.	3.9	8
17	In-Band Full-Duplex Technology: Techniques and Systems Survey. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3025-3041.	2.9	325
18	Single Layer, Differentially Driven, LHCP Antenna With Improved Isolation for Full Duplex Wireless Applications. IEEE Access, 2019, 7, 169796-169806.	2.6	7
19	A Dipole Sub-Array With Reduced Mutual Coupling for Large Antenna Array Applications. IEEE Access, 2019, 7, 171495-171502.	2.6	2
20	A Dual-Polarized Linear Antenna Array With Improved Isolation Using a Slotline-Based 180° Hybrid for Full-Duplex Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 348-352.	2.4	37

#	ARTICLE	IF	CITATIONS
21	The Novel W Parasitic Strip for the Circularly Polarized Microstrip Antennas Design and the Mutual Coupling Reduction Between Them. IEEE Transactions on Antennas and Propagation, 2019, 67, 804-813.	3.1	27
22	An Orbital Angular Momentum-Based Array for In-Band Full-Duplex Communications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 417-421.	2.4	23
23	Dual-polarized, monostatic antenna array with improved T_x R_x isolation for 2.4 GHz in-band full duplex applications. International Journal of Microwave and Wireless Technologies, 2020, 12, 398-408.	1.5	7
24	Characteristic-Mode-Based Design of Planar In-Band Full-Duplex Antennas. IEEE Open Journal of Antennas and Propagation, 2020, 1, 329-338.	2.5	7
25	Aperture-Level Simultaneous Transmit and Receive With Digital Phased Arrays. IEEE Transactions on Signal Processing, 2020, 68, 1243-1258.	3.2	27
26	A Concurrently Dual-Polarized, Simultaneous Transmit and Receive (STAR) Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 5935-5944.	3.1	27
27	Parasitic spirals for enhancing bandwidth of a simultaneous transmit and receive patch antenna. Microsystem Technologies, 2021, 27, 3333-3338.	1.2	2
28	Compact Co-Linearly Polarized Microstrip Antenna With Fence-Strip Resonator Loading for In-Band Full-Duplex Systems. IEEE Transactions on Antennas and Propagation, 2021, 69, 7125-7133.	3.1	57
29	Broadband Dual-Polarized Antenna Using Metasurface for Full-Duplex Applications. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 254-258.	2.4	28
30	Cooperative Spectrum Sensing using Mobile Full-Duplex Cognitive Radio and Non-time-slotted Primary user Activity. Transactions on Electrical and Electronic Materials, 2021, 22, 679-686.	1.0	4
31	Compact In-Band Full Duplexing Antenna for Sub-6 GHz 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 683-687.	2.4	14
32	NVNA Test Bench for Characterizing In-Band Full-Duplex Performance of Millimeter-Wave Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 7231-7242.	3.1	5
33	Digital Self-Interference Cancellation for Low-Cost Full-Duplex Radio Devices. , 2020, , 61-98.		1
35	Design of 8-port compact hybrid fractal UWB MIMO antenna with a conjoined reflector-ground integration for isolation improvement. AEU - International Journal of Electronics and Communications, 2022, 145, 154102.	1.7	5
36	A Wideband Full-Duplex Dual-Polarized Antenna with Conical Radiation Pattern. , 2021, , .		2
37	Co-Circularly Polarized Planar Antenna With Highly Decoupled Ports for S-Band Full Duplex Applications. IEEE Access, 2022, 10, 16101-16110.	2.6	4
38	Antenna/Propagation Domain Self-Interference Cancellation (SIC) for In-Band Full-Duplex Wireless Communication Systems. Sensors, 2022, 22, 1699.	2.1	15
39	Intelligent Non-Orthogonal Beamforming With Large Self-Interference Cancellation Capability for Full-Duplex Multiuser Massive MIMO Systems. IEEE Access, 2022, 10, 51771-51791.	2.6	8

#	ARTICLE	IF	CITATIONS
40	Far-Field Decoupling of Two-Element Antenna Transceiving System by the Periodic Near-Field Resonators. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 2065-2069.	2.4	2
41	Analysis and Design of an Ultrawideband Dual-Polarized Antenna for IBFD Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 11121-11126.	3.1	8
42	Active RIS vs. Passive RIS: Which Will Prevail in 6G?. IEEE Transactions on Communications, 2023, 71, 1707-1725.	4.9	110
43	A $\pm 45^\circ$ -Polarized Antenna System With Four Isolated Channels for In-Band Full-Duplex (IBFD). IEEE Transactions on Antennas and Propagation, 2023, 71, 3000-3010.	3.1	2
44	A Dual-Slant-Polarized In-band Full-duplex (IBFD) Antenna System with Four Isolated Channels. , 2023, , .		0