

Dejan S Filipovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5547926/publications.pdf>

Version: 2024-02-01

244
papers

1,738
citations

361413

20
h-index

477307

29
g-index

244
all docs

244
docs citations

244
times ranked

1209
citing authors

#	ARTICLE	IF	CITATIONS
1	Wideband Monostatic Simultaneous Transmit and Receive (STAR) Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 6-15.	5.1	85
2	Monostatic Co-Polarized Full-Duplex Antenna With Left- or Right-Hand Circular Polarization. IEEE Transactions on Antennas and Propagation, 2017, 65, 5103-5111.	5.1	60
3	Modeling of 3-D Surface Roughness Effects With Application to μ -Coaxial Lines. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 518-525.	4.6	45
4	Wideband Decoupling Techniques for Dual-Polarized Bi-Static Simultaneous Transmit and Receive Antenna Subsystem. IEEE Transactions on Antennas and Propagation, 2017, 65, 4991-5001.	5.1	39
5	Ultra-Wideband Bandpass Filters Using Quarter-Wave Short-Circuited Shunt Stubs and Quarter-Wave Series Transformers. IEEE Microwave and Wireless Components Letters, 2008, 18, 668-670.	3.2	31
6	Wideband Antenna Array for Simultaneous Transmit and Receive (STAR) Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1277-1280.	4.0	30
7	Ultra-Wideband Lossless Cavity-Backed Vivaldi Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 115-124.	5.1	30
8	Design of a Wideband Millimeter Wave Micromachined Rotman Lens. IEEE Transactions on Antennas and Propagation, 2015, 63, 2790-2796.	5.1	29
9	On the Bandwidth of Monocone Antennas. IEEE Transactions on Antennas and Propagation, 2008, 56, 1196-1201.	5.1	28
10	Design and Fabrication of a Full W-Band Multi-Step Waveguide 90° Twist. IEEE Microwave and Wireless Components Letters, 2016, 26, 903-905.	3.2	28
11	Wideband Multimode Monostatic Spiral Antenna STAR Subsystem. IEEE Transactions on Antennas and Propagation, 2017, 65, 1845-1854.	5.1	27
12	45° 110 GHz Quad-Ridge Horn With Stable Gain and Symmetric Beam. IEEE Transactions on Antennas and Propagation, 2017, 65, 4858-4863.	5.1	24
13	A Framework for Broadband Characterization of Individual Nanowires. IEEE Microwave and Wireless Components Letters, 2010, 20, 178-180.	3.2	23
14	Low-Profile Tri-band Inverted-F Antenna for Vehicular Applications in HF and VHF Bands. IEEE Transactions on Antennas and Propagation, 2015, 63, 4632-4639.	5.1	23
15	Wideband Monostatic Co-Polarized Co-Channel Simultaneous Transmit and Receive Broadside Circular Array Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 843-852.	5.1	23
16	3-D Printed Monolithic GRIN Dielectric-Loaded Double-Ridged Horn Antennas. IEEE Transactions on Antennas and Propagation, 2020, 68, 533-539.	5.1	23
17	Pulse Distortion and Mitigation Thereof in Spiral Antenna-Based UWB Communication Systems. IEEE Transactions on Antennas and Propagation, 2011, 59, 3863-3871.	5.1	22
18	On the Design of Vehicular Electrically Small Antennas for NVIS Communications. IEEE Transactions on Antennas and Propagation, 2016, 64, 2136-2145.	5.1	22

#	ARTICLE	IF	CITATIONS
19	Surface-Micromachined Dual Ka-Band Cavity Backed Patch Antenna. IEEE Transactions on Antennas and Propagation, 2007, 55, 2107-2110.	5.1	21
20	Monolithic Rectangular Coaxial Lines and Resonators With Embedded Dielectric Support. IEEE Microwave and Wireless Components Letters, 2008, 18, 740-742.	3.2	21
21	Miniaturization of TEM Horn Using Spherical Modes Engineering. IEEE Transactions on Antennas and Propagation, 2016, 64, 5064-5073.	5.1	21
22	On the design and fabrication of W-band stabilised ϵ_r pattern dual ϵ_r polarised horn antennas with DMLS and CNC. IET Microwaves, Antennas and Propagation, 2017, 11, 1930-1935.	1.4	20
23	Two-Arm Sinuous Antennas. IEEE Transactions on Antennas and Propagation, 2008, 56, 1229-1235.	5.1	19
24	Global On-Chip Coordination at Light Speed. IEEE Design and Test of Computers, 2010, 27, 54-67.	1.0	19
25	Four-Armed Spiral-Helix Antenna. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 338-341.	4.0	19
26	Broadband Full-Duplex Monostatic Circular-Antenna Arrays: Circular Arrays Reaching Simultaneous Transmit and Receive Operation. IEEE Antennas and Propagation Magazine, 2018, 60, 62-77.	1.4	19
27	Ka-Band Miniaturized Quasi-Planar High-Q Resonators. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1272-1279.	4.6	18
28	Surface Micromachined Millimeter-Wave Log-Periodic Dipole Array Antennas. IEEE Transactions on Antennas and Propagation, 2012, 60, 4573-4581.	5.1	18
29	In-Band Full-Duplex Multimode Lens-Loaded Eight-Arm Spiral Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 2084-2089.	5.1	18
30	Broadband Reflector Antenna With High Isolation Feed for Full-Duplex Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 2281-2290.	5.1	18
31	An X-Band Through Ka-Band Thinned All-Metal Vivaldi Phased Array. IEEE Transactions on Antennas and Propagation, 2021, 69, 7613-7623.	5.1	18
32	Nanoscale Optical Dielectric Rod Antenna for On-Chip Interconnecting Networks. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2624-2632.	4.6	17
33	Quasi Frequency-Independent Increased Bandwidth Planar Log-Periodic Antenna. IEEE Transactions on Antennas and Propagation, 2014, 62, 1937-1944.	5.1	17
34	A Phase Center-Stabilized K/Ka/V-Band Linearly Polarized Horn for Luneburg Lenses. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2726-2729.	4.0	17
35	Antenna System for Full-Duplex Operation of Handheld Radios. IEEE Transactions on Antennas and Propagation, 2019, 67, 522-530.	5.1	17
36	High frequency characterization of a Schottky contact to a GaN nanowire bundle. Journal of Applied Physics, 2010, 107, .	2.5	16

#	ARTICLE	IF	CITATIONS
37	Artificial neural network modeling of RF MEMS resonators. International Journal of RF and Microwave Computer-Aided Engineering, 2004, 14, 302-316.	1.2	15
38	Wideband 18-40 GHz Surface Micromachined Branchline Quadrature Hybrid. IEEE Microwave and Wireless Components Letters, 2012, 22, 462-464.	3.2	15
39	Reduced Size Planar Dual-Polarized Log-Periodic Antenna for Bidirectional High Power Transmit and Receive Applications. IEEE Transactions on Antennas and Propagation, 2014, 62, 5453-5461.	5.1	15
40	PCB-Based Prototyping of 3-D Micromachined RF Subsystems. IEEE Transactions on Antennas and Propagation, 2014, 62, 420-429.	5.1	15
41	Micro-coaxial Ka-band Gysel power dividers. Microwave and Optical Technology Letters, 2010, 52, 474-478.	1.4	14
42	Single and dual-polarized wideband simultaneous transmit and receive antenna system. , 2017, , .		14
43	Wideband Quasi-Monostatic Simultaneous Transmit and Receive Reflector Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 2630-2637.	5.1	14
44	Analysis and Design of Monolithic Rectangular Coaxial Lines for Minimum Coupling. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2521-2530.	4.6	13
45	Nanofibers for RF and Beyond. IEEE Microwave Magazine, 2011, 12, 51-61.	0.8	13
46	Improved Efficiency Lens-Loaded Cavity-Backed Transmit Sinuous Antenna. IEEE Transactions on Antennas and Propagation, 2014, 62, 6000-6009.	5.1	13
47	Wideband Millimeter-Wave Surface Micromachined Tapered Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 285-288.	4.0	13
48	Simply-Fed Four-Arm Spiral-Helix Antenna. IEEE Transactions on Antennas and Propagation, 2014, 62, 4864-4868.	5.1	13
49	Design of Wideband Combined Annular Slot-Monopole Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 4138-4143.	5.1	13
50	Low-Profile Two-Arm Inverted-L Antenna Design for Vehicular HF Communications. IEEE Transactions on Antennas and Propagation, 2017, 65, 5710-5719.	5.1	13
51	Compact Wideband Dual-Polarized In-Band Full-Duplex Antenna Subsystem. IEEE Transactions on Antennas and Propagation, 2021, 69, 7166-7172.	5.1	13
52	Micro-coaxial lines for active hybrid-monolithic circuits. , 2009, , .		12
53	On the Split-Block Realization of Millimeter-Wave Ridge Waveguide Components. IEEE Microwave and Wireless Components Letters, 2018, 28, 296-298.	3.2	12
54	Wideband Antenna Systems for Millimeter-Wave Amplitude-Only Direction Finding. IEEE Transactions on Antennas and Propagation, 2018, 66, 3122-3129.	5.1	12

#	ARTICLE	IF	CITATIONS
55	Wide-Band High-Frequency Antennas for Military Vehicles: Design and testing low-profile half-loop, inverted-L, and umbrella NVIS antennas. IEEE Antennas and Propagation Magazine, 2016, 58, 64-74.	1.4	11
56	Hybrid Finite Element Methods for Array and FSS Analysis Using Multiresolution Elements and Fast Integral Techniques. Electromagnetics, 2002, 22, 297-313.	0.7	10
57	Application of characteristic mode analysis to HF low profile vehicular antennas. , 2014, , .		10
58	A dipole antenna system for simultaneous transmit and receive. , 2015, , .		10
59	Wideband simultaneous transmit and receive (STAR) circular array system. , 2016, , .		10
60	On the Assessment of Antenna Patterns for Wideband Amplitude-Only Direction Finding. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 385-388.	4.0	10
61	A 3-D micromachined W-band cavity-backed patch antenna array with integrated rectacoax transition to waveguide. , 2009, , .		9
62	Modulated Arm Width (MAW) Spiral: Theory, Modeling, Design and Measurements. IEEE Transactions on Antennas and Propagation, 2010, 58, 3515-3523.	5.1	9
63	Frequency- and Time-Domain Performance of Four-Arm Mode-2 Spiral Antennas. IEEE Transactions on Antennas and Propagation, 2012, 60, 2627-2634.	5.1	9
64	Wideband dual-polarized bi-static simultaneous transmit and receive antenna system. , 2016, , .		9
65	3D printed Rotman lens. , 2017, , .		9
66	Millimeter-Wave Double-Ridge Waveguide and Components. IEEE Transactions on Microwave Theory and Techniques, 2018, , 1-11.	4.6	9
67	Integrated cavity-backed ka-band phased array antenna. , 2007, , .		8
68	Wideband Pattern Nulling With Multiarmed Spiral Antennas. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 864-867.	4.0	8
69	Electrothermal Design of Bidirectional Wide-Boom Log-Periodic Antennas. IEEE Transactions on Antennas and Propagation, 2017, 65, 1661-1669.	5.1	8
70	Ultrawideband TEM Horn Circular Array. IEEE Transactions on Antennas and Propagation, 2017, 65, 1374-1379.	5.1	8
71	Isolation Improvement Techniques for Wideband Millimeter-Wave Repeaters. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 355-358.	4.0	8
72	Ultrawideband Flush-Mountable Dual-Polarized Vivaldi Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 5670-5674.	5.1	8

#	ARTICLE	IF	CITATIONS
73	<scp>Lowâ€cost</scp> lens antenna for <scp>5G</scp> multiâ€beam communication. Microwave and Optical Technology Letters, 2020, 62, 3611-3622.	1.4	8
74	A high-performance low-power nanophotonic on-chip network. , 2009, , .		7
75	Wideband analog and digital beamforming. , 2009, , .		7
76	Band Rejection Methods for Planar Log-Periodic Antennas. IEEE Transactions on Antennas and Propagation, 2010, 58, 2288-2294.	5.1	7
77	Single-layer and bilayer four-arm mode 1 spiral antennas and their feed structures. International Journal of RF and Microwave Computer-Aided Engineering, 2012, 22, 652-662.	1.2	7
78	Wideband simultaneous transmit and receive (STAR) bi-layer circular array. , 2015, , .		7
79	Realization of ultra-wideband bistatic simultaneous transmit and receive antenna system. , 2016, , .		7
80	Wideband dual-mode monostatic simultaneous transmit and receive antenna system. , 2016, , .		7
81	Guest Editorial Special Issue on Antennas and Propagation Aspects of In-Band Full-Duplex Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 7085-7091.	5.1	7
82	On-Chip Wireless Optical Broadcast Interconnection Network. Journal of Lightwave Technology, 2010, , .	4.6	6
83	A Monocone-Bicone Collinear Array. IEEE Transactions on Antennas and Propagation, 2010, 58, 3905-3912.	5.1	6
84	Pattern Purity of Coiled-Arm Spiral Antennas. IEEE Transactions on Antennas and Propagation, 2011, 59, 758-766.	5.1	6
85	High-Frequency Characterization of Contact Resistance and Conductivity of Platinum Nanowires. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2647-2654.	4.6	6
86	On the Frequency-Independent Modes of a Four-Arm Modulated Arm Width Spiral. IEEE Transactions on Antennas and Propagation, 2013, 61, 4467-4475.	5.1	6
87	Micro-Coaxial Fed 18 to 110 GHz Planar Log-Periodic Antennas With RF Transitions. IEEE Transactions on Antennas and Propagation, 2014, 62, 968-972.	5.1	6
88	On the design of millimeter-wave antennas for amplitude-only direction finding. , 2016, , .		6
89	Simultaneous transmit and receive reflectarray antennas on low cost UAV platforms. , 2017, , .		6
90	Circularly polarized pifa array for simultaneous transmit and receive applications. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
91	Passive approaches for improvement of TX to RX antenna isolation in millimeter wave repeaters. , 2017, , .		6
92	A Compact Ultrawideband Reflector Antenna: Using a Wide-Band Omnidirectional Antenna with a Mechanically Steerable Endfire Beam to Illuminate a Half-Cut Paraboloid Reflector. IEEE Antennas and Propagation Magazine, 2018, 60, 75-86.	1.4	6
93	Fixed and Steerable Beam Dual-Polarized Lens Antenna With High Tx to Rx Isolation. IEEE Transactions on Antennas and Propagation, 2021, 69, 7213-7221.	5.1	6
94	Co-Circularly Polarized Van Atta Array Enabled by Quasi-Monostatic STAR Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 7156-7165.	5.1	6
95	Dual-wideband log-periodic antennas. , 2008, , .		5
96	Micro-fabricated micro-coaxial millimeter-wave components. , 2008, , .		5
97	Monolithically Integrated Corporate-Fed Cavity-Backed Antennas. IEEE Transactions on Antennas and Propagation, 2009, 57, 2583-2590.	5.1	5
98	Modeling and metrology of metallic nanowires with application to microwave interconnects. , 2010, , .		5
99	Design of a K- thru Ka-band modified Butler matrix feed for a 4-arm spiral antenna. , 2010, , .		5
100	V-band monolithically integrated four-arm spiral antenna and beamforming network. , 2012, , .		5
101	Dual-polarized K/Ka-band planar log-periodic antenna. , 2012, , .		5
102	RF exposure inside and outside vehicles. , 2014, , .		5
103	A low-profile sinuous antenna. , 2014, , .		5
104	Reduced-size TEM horn for short-pulse high-power electromagnetic systems. , 2014, , .		5
105	Ultra-wideband circularly-polarized simultaneous transmit and receive (STAR) antenna system. , 2015, , .		5
106	A wide-band spiral based amplitude-only Azimuth direction finding system. , 2016, , .		5
107	Broadband monostatic simultaneous transmit and receive reflector antenna system. , 2017, , .		5
108	Wideband and Efficient Slot Cavity Backing for Unidirectional Log-Periodic Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 299-302.	4.0	5

#	ARTICLE	IF	CITATIONS
109	Performance Characterization of Four-Arm MAW Spiral Antennas for Digital Direction-of-Arrival Sensing. IEEE Transactions on Antennas and Propagation, 2018, 66, 2761-2769.	5.1	5
110	Spiral Antennas. , 0, , .		5
111	A Wideband Patch Antenna With Dual-Cylindrical Probe Feed. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1321-1324.	4.0	4
112	Monolithically integrated K/Ka array-based direction finding subsystem. , 2012, , .		4
113	Time and frequency domain analysis and design of circularly-polarized spiral antenna arrays. , 2013, , .		4
114	Computational design of a gain-stabilized 2.5∶1 bandwidth ridged horn antenna. , 2013, , .		4
115	Miniaturization of a high-frequency dual linearly polarized dipole for vehicular communications. , 2016, , .		4
116	Flush-mountable Vivaldi array antenna. , 2016, , .		4
117	On wideband simultaneous transmit and receive (STAR) with a single aperture. , 2016, , .		4
118	Numerical and experimental electro-thermal characterization of log-periodic antennas. , 2016, , .		4
119	Flush mountable K/Ka band amplitude only direction finding system. , 2016, , .		4
120	Amplitude-only direction finding using squinted stabilized-pattern horn antennas in W-band. , 2016, , .		4
121	Design of circular dual and quad ridge horn antennas for millimeter wave applications. , 2017, , .		4
122	Eigenmode Prediction of High RF Exposure Frequency Region Inside Vehicles. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 43-47.	2.2	4
123	High-Directivity Beam-Steerable Lens Antenna for Simultaneous Transmit and Receive. , 2019, , .		4
124	Tightly Coupled Array of Horizontal Dipoles Over a Ground Plane. IEEE Transactions on Antennas and Propagation, 2020, 68, 2097-2107.	5.1	4
125	Miniature 3D micro-machined solid state power amplifiers. , 2008, , .		3
126	Biconical Antenna Over Ground Plane. IEEE Transactions on Antennas and Propagation, 2012, 60, 2093-2096.	5.1	3

#	ARTICLE	IF	CITATIONS
127	On the use of spiral antenna arrays for short-pulse ultra-wideband applications. , 2013, , .		3
128	Integrated passive front-ends for towed decoys. , 2014, , .		3
129	All-PCB transmission line with low loss and dispersion up to Ka band. , 2014, , .		3
130	Wideband multibeam millimeter wave arrays. , 2014, , .		3
131	45° 110 GHz quad-ridge horn antenna. , 2016, , .		3
132	Cavity-backed Vivaldi array antenna. , 2016, , .		3
133	Low profile vehicular antenna for wideband high frequency communications. , 2016, , .		3
134	Design of a cavity backed 15:1 bandwidth two arm spiral helix antenna. , 2016, , .		3
135	Ultrawideband Flush-Mounted Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1973-1976.	4.0	3
136	On the use of radome materials for a high-power, wideband, millimeter wave antenna. , 2017, , .		3
137	A spiral antenna for amplitude-only direction finding. , 2017, , .		3
138	Wideband monostatic spiral array for full-duplex applications. , 2017, , .		3
139	$\frac{H}{W}$ Plane Narrow-Wall Double-Ridge Waveguide Coupler in $\frac{H}{W}$ and $\frac{W}{H}$ Bands. IEEE Microwave and Wireless Components Letters, 2019, 29, 204-206.	3.2	3
140	Extreme Offset-Fed Reflectarray Antenna for Compact Deployable Platforms. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1139-1143.	4.0	3
141	Simultaneous Transmit and Receive Spiral Antenna With Improved Isolation. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2145-2148.	4.0	3
142	Design and optimization of RF ICs with embedded linear macromodels of multiport MEMS devices. International Journal of RF and Microwave Computer-Aided Engineering, 2007, 17, 196-209.	1.2	2
143	Dual wideband monolithically integrated millimeter-wave passive front-end sub-systems. , 2010, , .		2
144	Multi-functional broadband arrays for UHF through S-band electronic warfare. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
145	Quasi-frequency independent high power sinuous antenna. , 2012, , .		2
146	Vehicle mounted inverted-L antenna for high-frequency (HF) communications. , 2014, , .		2
147	Computational study of electromagnetic exposure of military personnel in a humvee. , 2014, , .		2
148	Joint frequency- and time-domain characterization of planar log-periodic antennas. , 2014, , .		2
149	Two arm offset fed inverted-L antenna for vehicular HF communications. , 2015, , .		2
150	Electrically small half-loop for wideband HF on-the-move operation. , 2016, , .		2
151	Modeling and design of K/Ka/V-band high power feed for the Luneburg lens. , 2016, , .		2
152	Tuning an electrically small on-the-move HF half-loop antenna. , 2016, , .		2
153	Full duplex antenna subsystem for handheld radios. , 2017, , .		2
154	A reactive impedance surface for enhancing antenna isolation on cylindrical platforms. , 2017, , .		2
155	Wide bandwidth cavity-backed dual-polarized vivaldi array antenna. , 2017, , .		2
156	Transient linear TEM horn array. IET Microwaves, Antennas and Propagation, 2017, 11, 2134-2140.	1.4	2
157	4â€“40 GHz conical spiral antenna recessed in a cavity. , 2017, , .		2
158	Multi-layer dielectric rod antenna with stable patterns over decade bandwidth. , 2017, , .		2
159	Comparative study of dual-linear versus dual-circular horns for 18 to 45 GHz repeaters. , 2017, , .		2
160	On the Design of Wideband Monostatic STAR Systems With Spherically Stratified Lenses. , 2018, , .		2
161	Impact of flat radomes on amplitude-only direction finding performance. , 2018, , .		2
162	Performance of Multi-Arm Sinuous Antenna in Analog and Digital Angle of Arrival Estimation. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
163	Design of a Dual-Circularly Polarized X-Band Active Phased Array Based on a Balanced-Diplexer. , 2019, ,		2
164	A Framework for Design of Multibeam Antenna Systems used for Amplitude-Only Direction Finding Based on Correlation Method. , 2021, , ,		2
165	Design and Characterization of an All-Metal 3-D Printed Air-Dielectric Coaxial Line. IEEE Microwave and Wireless Components Letters, 2022, 32, 839-842.	3.2	2
166	Performance of SLA and DMLS 3D Printed Ka-Band Resonators with Integrated Coaxial Launchers. , 2022, , ,		2
167	Electromagnetic modeling of carbon nanotube interconnects. , 2007, , ,		1
168	Fixed-beam L-band array for space-based platforms. , 2008, , ,		1
169	Characterization of pulse distortion and dispersion of spiral antennas. , 2010, , ,		1
170	Full-wave evaluation of carbon nanotubes as microwave interconnects. , 2010, , ,		1
171	Broadband measurements of nanofiber devices: Repeatability and random error analysis. , 2010, , ,		1
172	5∶1 wideband high-power spiral-helix antenna. , 2012, , ,		1
173	On the use of spiral antennas in ultra-wideband communication links. , 2012, , ,		1
174	Quasi-frequency-independent combined antenna with dual-circularly polarized capability. , 2013, , ,		1
175	Ultra-wideband dual-circularly polarized array with simple cost-effective feeding network. , 2013, , ,		1
176	Failure mechanisms of spiral-helix antenna under high power conditions. , 2014, , ,		1
177	Ultra-wideband spiral-helix antenna array. , 2014, , ,		1
178	High efficiency cavity-backed log-periodic antenna. , 2014, , ,		1
179	Antenna design for improving shielding effectiveness of a Humvee. , 2014, , ,		1
180	Capacitively loaded high frequency monopole antenna for vehicular communications. , 2015, , ,		1

#	ARTICLE	IF	CITATIONS
181	Wideband, loaded, low profile, small diameter monocone antenna. , 2015, , .		1
182	Omnidirectional/directional TEM horn circular array for joint time and frequency operation. , 2015, , .		1
183	Evaluation of Vehicle Bottom for the Placement of HF-VHF Antennas. IEEE Transactions on Antennas and Propagation, 2015, 63, 776-781.	5.1	1
184	Effects of lossless cavity-backing on power spiral antenna in time-domain. Microwave and Optical Technology Letters, 2015, 57, 677-681.	1.4	1
185	Design of small loop antennas for on-the-move HF manpack radios. , 2016, , .		1
186	Design of a linearly polarized K/Ka/V-band high power feed manifold for Luneburg lens. , 2016, , .		1
187	Electro-mechanical analysis of flat radomes for airborne antennas at K/Ka/V-band. , 2017, , .		1
188	Radome Enhancement Technique for High-Power Wideband Millimeter Wave Antennas. , 2018, , .		1
189	A W-Band Curved Aperture Horn Antenna with Consistent Radiation Patterns. , 2018, , .		1
190	High Isolation Diplexer-Free Dual-Polarized Array for Geostationary Satellites. , 2018, , .		1
191	Mechanical Reinforcement Technique for Flat Radomes at Millimeter-Wave Frequencies. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1352-1356.	4.0	1
192	Characterization of Flat Radomes for (18 to 45) GHz High-Power Horn Antennas. IEEE Transactions on Antennas and Propagation, 2022, 70, 2381-2386.	5.1	1
193	3D Printed Double Ridged Waveguide Rotman Lens System. , 2021, , .		1
194	Shared Aperture Simultaneous Transmit and Receive Architecture for Reflectarray Antennas. , 2021, , .		1
195	Synthesis of Van Atta Array Retrodirective Patterns Using Conventional Array Characterization. , 2021, , .		1
196	Modeling, design, fabrication, and performance of bi-layer, mode 2, four-arm, cavity-backed, vertically fed, spiral antennas. , 2007, , .		0
197	Nanometric polymer coatings for silicon on insulator circuits. , 2010, , .		0
198	Optical dielectric rod antenna for on-chip communications. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
199	Adaptive pattern nulling method for multi-armed spiral antennas. , 2010, , .		0
200	Mode 2 four-arm spiral antennas as pulse radiators. , 2011, , .		0
201	Performance of two linearly-polarized broadband horns on a small circular platform. , 2012, , .		0
202	Effect of spiral antennas pulse distortion on the performance of ultra-wideband impulse radio systems. , 2012, , .		0
203	Two-arm power-spiral antennas. , 2012, , .		0
204	Wideband 15–50GHz symmetric multi-section coupled line quadrature hybrid based on surface micromachining technology. , 2012, , .		0
205	Decade bandwidth bidirectional planar log-periodic antennas and their performance under low and high continuous-wave (CW) input power. , 2013, , .		0
206	Parameter study and design of W-band micromachined tapered slot antenna. , 2013, , .		0
207	Characterization of fields in the proximity of vehicle mounted sources over the real ground. , 2013, , .		0
208	Simple and low-cost wideband omnidirectional antenna on metallic cylinders. , 2013, , .		0
209	The comparison of mounting approaches for vehicular multi-arm spiral antennas. , 2014, , .		0
210	Combined dipole-multiturn loop for vehicle-based high-frequency (HF) communications. , 2014, , .		0
211	Ground effects on the performance of a two-element dipole array designed for NVIS communications. , 2014, , .		0
212	Multi-octave cavity-backed four-arm slot spiral for multi-mode operation. , 2015, , .		0
213	Design of matching network for HF vehicular antennas. , 2015, , .		0
214	A UWB cavity-backed compound Power-Archimedean slot spiral for body centric wireless communications applications. , 2015, , .		0
215	Gain and H-plane beamwidth stabilized millimeter wave horn antenna. , 2016, , .		0
216	Low profile wideband inverted-L antenna for the M-ATV on-the-move HF communication. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
217	Impact of a PEC cylinder on the performance of a wideband dual-polarized quad-ridge horn antenna. , 2016, , .		0
218	Isolation of millimeter wave antennas over cylindrical and rectangular ground planes. , 2016, , .		0
219	Wideband amplitude-only direction finding subsystem with conical spirals. , 2017, , .		0
220	3-Arm spiral antennas for direction finding applications. , 2017, , .		0
221	Assembly strategies for millimeter wave horn antennas. , 2017, , .		0
222	Feed study for a wideband 18 to 45 GHz luneburg lens antenna. , 2017, , .		0
223	On the effects of parasitic horns within tightly packed concave linear arrangements. , 2017, , .		0
224	Wide bandwidth and beamwidth flush-mountable planar and pyramidal log-periodic antennas. , 2017, , .		0
225	Improvement of MAW spiral measurements by filtering spherical modes in the far field. , 2017, , .		0
226	Design of MAW spiral antennas for direction-of-arrival sensing using the cramr-rao bound. , 2017, , .		0
227	Iterative Phase Correction Technique for Design of Non-Conventional Reflectarray Antennas. , 2018, , .		0
228	Isolation Improvement of Cylindrical Millimeter-Wave Repeaters Using a Reactive Impedance Surface. , 2018, , .		0
229	W-band Amplitude-only Direction Finding with Curved-Aperture Horn Antennas. , 2018, , .		0
230	Wideband Bi-static Offset-Fed Reflector Simultaneous Transmit And Receive Antenna System. , 2018, , .		0
231	Antenna Decoupling with a 3D Printed Tapered Ribbed Structure. , 2018, , .		0
232	Design of broadband Luneburg lens feed manifold. , 2018, , .		0
233	Enabling Passive Components for High-Power Wideband Millimeter Wave Repeater Applications. , 2018, , .		0
234	Multioctave antenna array for simultaneous transmit and receive applications. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
235	Reduction of coupling between flush-mounted antennas. , 2018, , .		0
236	Even-arm modulated arm width spiral properties. , 2018, , .		0
237	TEM Horn Inspired Wideband Antennas for Diverse Applications. , 2019, , .		0
238	Wideband Spectrum Sensing and Direction Finding Antenna Subsystem. , 2019, , .		0
239	Balanced-Diplexer Frequency Division Duplex Subarray for X-band Phased Array. , 2019, , .		0
240	Subregion-Based Machine Learning for Wideband Amplitude-Only Direction-Finding Systems. , 2021, , .		0
241	Wideband Miniaturized Dual-Polarized TEM Horn. , 2020, , .		0
242	A High Aperture Efficiency Switched-Beam Lens-Based System with Tightly-Coupled Array Feed. , 2021, , .		0
243	Tightly Coupled Dipole Array with In-Line Guanella Transformer and Balun. , 2021, , .		0
244	3:1 Bandwidth Sinuous Antenna for Direction Finding Applications. , 2022, , .		0