

Son Xuat Ta

List of Publications by Year in descending order

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1361
citing authors

#	ARTICLE	IF	CITATIONS
1	Planar High-Isolation Dual-Band Dual-Mode Antenna With Omni-/Unidirectional Radiation. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 99-103.	4.0	8
2	Wideband Dual-Circularly Polarized Antennas Using Aperture-Coupled Stacked Patches and Single-Section Hybrid Coupler. IEEE Access, 2022, 10, 21883-21891.	4.2	7
3	Wideband Vertically-Polarized Antenna for 2G/3G/4G/5G Indoor Base Stations. , 2021, , .		0
4	Design of compact broadband <scp>dualâ€polarized</scp> antenna for <scp>5G</scp> applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22615.	1.2	9
5	<scp>Singleâ€feed slottedâ€patch</scp> antenna loaded with metasurface for <scp>CubeSat</scp> applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22560.	1.2	3
6	Broadband Dual-Polarized Antenna Using Metasurface for Full-Duplex Applications. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 254-258.	4.0	28
7	Dual-Polarized Stepped-Dipole Antenna for Existing and New Generation Base-Stations. , 2021, , .		0
8	A Wideband Full-Duplex Dual-Polarized Antenna with Conical Radiation Pattern. , 2021, , .		2
9	Wideband Differentially Fed Dual-Polarized Antenna for Existing and Sub-6 GHz 5G Communications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2033-2037.	4.0	19
10	Dual-Polarized Omnidirectional Antenna with Simple Feed and Ultra-wide Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2020, , 1-1.	4.0	24
11	Broadband dualâ€polarized omnidirectional antenna with simple feeding structure. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22213.	1.2	4
12	A Tripolarized Antenna With Ultrawide Operational Bandwidth. IEEE Transactions on Antennas and Propagation, 2020, 68, 4386-4396.	5.1	22
13	Design Strategies for Tripolarized Antennas with Wideband Characteristic. , 2020, , .		1
14	Genetic Programming for automated Synthesizing 3D Artificial Magnetic Conductor. , 2020, , .		0
15	A Sequentially Rotated Array of Polarization-Conversion Patch Antenna Using Metasurface. , 2020, , .		0
16	Planar circularly polarized Xâ€band array antenna with low sidelobe and high aperture efficiency for small satellites. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21914.	1.2	9
17	Design of a Low-Profile Tripolarized Antenna With Wide Bandwidth. IEEE Access, 2019, 7, 82701-82708.	4.2	9
18	Wideband Low-Profile Printed Dipole Antenna Incorporated With Folded Strips and Corner-Cut Parasitic Patches Above the Ground Plane. IEEE Access, 2019, 7, 15537-15546.	4.2	9

#	ARTICLE	IF	CITATIONS
19	Bandwidth enhancement of circularly polarized fabry-perot antenna using single-layer partially reflective surface. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21774.	1.2	15
20	A PLANAR WIDEBAND TWO-LEVEL SEQUENTIALLY ROTATED ARRAY ANTENNA FOR X-BAND CUBESAT. Progress in Electromagnetics Research C, 2019, 97, 57-67.	0.9	1
21	LOW-PROFILE, DUAL-BAND, UNIDIRECTIONAL RFID TAG ANTENNA USING METASURFACE. Progress in Electromagnetics Research C, 2019, 93, 131-141.	0.9	4
22	A Low-Profile Wideband Tripolarized Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 1946-1951.	5.1	24
23	A low-profile $\pm 45^\circ$ dual-polarized antenna based on metasurface and its arrays for base station applications. Journal of Electromagnetic Waves and Applications, 2018, 32, 1748-1767.	1.6	3
24	Single-dipole antenna on a metasurface for broadband circularly polarized radiation. Journal of Electromagnetic Waves and Applications, 2018, 32, 413-427.	1.6	5
25	A Circularly Polarized Antenna Integrated with a Solar Cell Metasurface for CubeSat. , 2018, , .		4
26	A Low-Cost, Light-Weight, High-Efficiency Fabry-Perot Antenna. , 2018, , .		2
27	Minimization of Circularly Polarized Patch Antenna Using Metasurface. , 2018, , .		1
28	Reconfigurable circularly polarized cross-dipole antenna with a near-field resonant parasitic element. , 2018, , .		0
29	Low-profile crossed-dipole antenna loaded with parasitic patches. , 2018, , .		2
30	POLARIZATIONS OF CROSSED-DIPOLE ANTENNA LOADED WITH DIFFERENT NFRP ELEMENTS. Progress in Electromagnetics Research M, 2018, 75, 131-140.	0.9	1
31	Artificial magnetic conductor-based circularly polarized crossed-dipole antennas: 1. AMC structure with grounding pins. Radio Science, 2017, 52, 630-641.	1.6	16
32	Artificial magnetic conductor-based circularly polarized crossed-dipole antennas: 2. AMC structure without grounding pins. Radio Science, 2017, 52, 642-652.	1.6	20
33	Broadband Printed-Dipole Antenna and Its Arrays for 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2183-2186.	4.0	222
34	Metasurface-based circularly polarized patch array antenna using sequential phase feed. , 2017, , .		5
35	Broadband circularly polarized NFRP antenna using crossed dipole driver. , 2017, , .		1
36	Broadband printed-dipole antennas for millimeter-wave applications. , 2017, , .		13

#	ARTICLE	IF	CITATIONS
37	Compact Wideband Circularly Polarized Patch Antenna Array Using Metasurface. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1932-1936.	4.0	96
38	Compact Crossed-Dipole Antennas Loaded With Near-Field Resonant Parasitic Elements. IEEE Transactions on Antennas and Propagation, 2017, 65, 482-488.	5.1	23
39	A circularly polarized antenna integrated with metasurface solar cells. , 2017, , .		4
40	Solar-Cell Metasurface-Integrated Circularly Polarized Antenna With 100% Insolation. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2675-2678.	4.0	37
41	Broadband Electrically Small Circularly Polarized Directive Antenna. IEEE Access, 2017, 5, 14657-14663.	4.2	26
42	Two-dimensional cavity-backed angled-dipole array antenna for 28-GHz band. , 2017, , .		2
43	Compact Wideband Sequential-Phase Feed for Sequentially Rotated Antenna Arrays. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 661-664.	4.0	21
44	Bandwidth-Enhanced Low-Profile Antenna with Parasitic Patches. International Journal of Antennas and Propagation, 2017, 2017, 1-11.	1.2	17
45	Bandwidth and F-B ratio enhancements of an electrically-small crossed-dipole antenna using an NFRP reflector. , 2017, , .		2
46	Cavity-Backed Angled-Dipole Antennas for Millimeter-Wave Wireless Applications. International Journal of Antennas and Propagation, 2016, 2016, 1-11.	1.2	14
47	Dual-Band Operation of a Circularly Polarized Four-Arm Curl Antenna with Asymmetric Arm Length. International Journal of Antennas and Propagation, 2016, 2016, 1-10.	1.2	7
48	Wideband circularly polarized dipole array using a sequential-phase feed. , 2016, , .		1
49	Wideband circularly polarized slot coupled metasurface-based array antenna. , 2016, , .		3
50	Planar wideband circularly polarized metasurface-based antenna array. Journal of Electromagnetic Waves and Applications, 2016, 30, 1620-1630.	1.6	44
51	A cavity-backed angled-dipole antenna array for low millimeter-wave bands. , 2016, , .		8
52	Single-feed four-arm curl antenna for circularly polarized radiation. , 2015, , .		1
53	Crossed Dipole Loaded With Magneto-Electric Dipole for Wideband and Wide-Beam Circularly Polarized Radiation. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 358-361.	4.0	142
54	Single-feed dual-band circularly polarized asymmetric four-arm curl antenna. , 2015, , .		0

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55	A single-feed dual-band antenna for an anti-jam GPS array. , 2015, , .		3
56	A circularly polarized patch antenna loaded with metamaterial. , 2015, , .		1
57	A Compact Circularly Polarized Crossed-Dipole Antenna for an RFID Tag. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 674-677.	4.0	47
58	Crossed Dipole Antennas: A review. IEEE Antennas and Propagation Magazine, 2015, 57, 107-122.	1.4	132
59	Low-Profile Broadband Circularly Polarized Patch Antenna Using Metasurface. IEEE Transactions on Antennas and Propagation, 2015, 63, 5929-5934.	5.1	230
60	A multiarm curl antenna for GPS applications. Journal of Electromagnetic Waves and Applications, 2015, 29, 80-91.	1.6	3
61	Applications of circularly polarized crossed dipole antennas. , 2014, , .		4
62	Dual-Band Low-Profile Crossed Asymmetric Dipole Antenna on Dual-Band AMC Surface. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 587-590.	4.0	70
63	Broadband design of a low-profile, circularly polarized crossed dipole antenna on an AMC surface. , 2014, , .		3
64	Wideband circularly polarized antenna for GNSS applications. , 2014, , .		3
65	Profile miniaturization and bandwidth enhancements of crossed dipoles on artificial magnetic conductor surfaces. , 2014, , .		0
66	Dual-band operation of a circularly polarized radiator on a finite artificial magnetic conductor surface. Journal of Electromagnetic Waves and Applications, 2014, 28, 880-892.	1.6	34
67	Multiband-Notched UWB Antenna Using Folded Slots in the Feeding Structure. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2014, 14, 31-35.	3.0	4
68	Single-Feed, Wideband, Circularly Polarized, Crossed Bowtie Dipole Antenna for Global Navigation Satellite Systems. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2014, 14, 299-305.	3.0	39
69	Single-Feed Composite Cavity-Backed Four-Arm Curl Antenna. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2014, 14, 360-366.	3.0	2
70	A dual-band wide-beamwidth WLAN access point antenna. , 2013, , .		0
71	Two-element folded-dipole-driven quasi-Yagi array with low mutual coupling. , 2013, , .		0
72	Multi-Band, Wide-Beam, Circularly Polarized, Crossed, Asymmetrically Barbed Dipole Antennas for GPS Applications. IEEE Transactions on Antennas and Propagation, 2013, 61, 5771-5775.	5.1	134

#	ARTICLE	IF	CITATIONS
73	Circularly polarized dual-band crossed dipole antenna on an artificial magnetic conductor reflector. , 2013, , .		3
74	Planar, Lightweight, Circularly Polarized Crossed Dipole Antenna for Handheld UHF RFID Reader. Microwave and Optical Technology Letters, 2013, 55, 1874-1878.	1.4	20
75	Circularly Polarized Crossed Dipole on an HIS for 2.4/5.2/5.8-GHz WLAN Applications. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1464-1467.	4.0	78
76	Wide-beam circularly polarized composite cavity-backed crossed scythe-shaped dipole. , 2013, , .		3
77	Wideband Double Dipole Quasi-Yagi Antenna Using a Microstrip-to-Slotline Transition Feed. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2013, 13, 22-27.	3.0	8
78	Compact Circularly Polarized Composite Cavity-Backed Crossed Dipole for GPS Applications. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2013, 13, 44-50.	3.0	47
79	Design of Miniaturized Dual-Band Artificial Magnetic Conductor with Easy Control of Second/First Resonant Frequency Ratio. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2013, 13, 104-112.	3.0	9
80	High-Efficiency, High-Gain, Broadband Quasi-Yagi Antenna and Its Array for 60-GHz Wireless Communications. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2013, 13, 178-185.	3.0	7
81	Wide-Beam Circularly Polarized Crossed Scythe-Shaped Dipoles for Global Navigation Satellite Systems. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2013, 13, 224-232.	3.0	29
82	High gain 60 GHz band printed quasi-Yagi antenna using a novel microstrip-slotline transition feed. , 2012, , .		5
83	Dual-band printed dipole antenna with wide beamwidth for WLAN access points. Microwave and Optical Technology Letters, 2012, 54, 2806-2811.	1.4	7
84	A wideband double dipole quasi-Yagi antenna using a microstrip-slotline transition feed. , 2012, , .		8
85	Dual-band wide-beam crossed asymmetric dipole antenna for GPS applications. Electronics Letters, 2012, 48, 1580-1581.	1.0	60
86	WIDEBAND DOUBLE-DIPOLE YAGI-UDA ANTENNA FED BY A MICROSTRIP-SLOT COPLANAR STRIPLINE TRANSITION. Progress in Electromagnetics Research B, 2012, 44, 71-87.	1.0	23
87	Wideband quasi-Yagi antenna fed by microstrip-to-slotline transition. Microwave and Optical Technology Letters, 2012, 54, 150-153.	1.4	43
88	Closely Spaced Two-Element Folded-Dipole-Driven Quasi-Yagi Array. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2012, 12, 254-259.	3.0	10
89	Design of Broadband Quasi-Yagi Antenna Using a Folded Dipole Driver. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2011, 11, 227-233.	3.0	2
90	Slot-line-fed quasi-Yagi antenna. , 2010, , .		5