

Zhong-Xun Liu

List of Publications by Year in descending order

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221
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Band Single-Layer Microstrip Patch Antenna With Enhanced Bandwidth and Beamwidth Based on Reshaped Multiresonant Modes. IEEE Transactions on Antennas and Propagation, 2019, 67, 7127-7132.	5.1	49
2	Cross-Polarization Reduction of a Shorted Patch Antenna With Broadside Radiation Using a Pair of Open-Ended Stubs. IEEE Transactions on Antennas and Propagation, 2020, 68, 13-20.	5.1	33
3	Design Approach of a Single Circularly Polarized Patch Antenna With Enhanced AR-Bandwidth Under Triple-Mode Resonance. IEEE Transactions on Antennas and Propagation, 2020, 68, 5827-5834.	5.1	33
4	A Low-Profile, Wideband, Filtering-Response, Omnidirectional Dielectric Resonator Antenna Without Enlarged Size and Extra Feeding Circuit. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1120-1124.	4.0	25
5	Design Approach of Radiation Pattern Reshaping for TM ₁₂ Mode and Its Application in Bandwidth Enhancement. IEEE Transactions on Antennas and Propagation, 2019, 67, 4842-4847.	5.1	24
6	Design Approach for Compact Dual-Band Dual-Mode Patch Antenna With Flexible Frequency Ratio. IEEE Transactions on Antennas and Propagation, 2020, 68, 6401-6406.	5.1	20
7	Frequency-Ratio Reduction of a Low-Profile Dual-Band Dual-Circularly Polarized Patch Antenna Under Triple Resonance. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1689-1693.	4.0	18
8	Single-Layer Dual-Mode Microstrip Antenna With No Feeding Network for Pattern Diversity Application. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2442-2446.	4.0	17
9	A Novel Low-Profile Circularly Polarized Diversity Patch Antenna With Extremely Small Spacing, Reduced Size, and Low Mutual Coupling. IEEE Transactions on Antennas and Propagation, 2022, 70, 135-144.	5.1	16
10	A Low-Profile and High-Gain CP Patch Antenna With Improved AR Bandwidth Via Perturbed Ring Resonator. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 397-401.	4.0	15
11	Radiation Pattern Reshaping of a Narrow Slot Antenna for Bandwidth Enhancement and Stable Pattern Using Characteristic Modes Analysis. IEEE Transactions on Antennas and Propagation, 2022, 70, 726-731.	5.1	15
12	Dual-Band Dual-Mode Patch Antenna With High-Gain and Wide-Beam Radiations in Two Respective Bands. IEEE Transactions on Antennas and Propagation, 2021, 69, 8058-8068.	5.1	14
13	A Compact Omnidirectional Patch Antenna With Ultrawideband Harmonic Suppression. IEEE Transactions on Antennas and Propagation, 2020, 68, 7640-7645.	5.1	11
14	Compact dielectric resonator antenna with bandwidth enhancement via loading of shorting pins. IET Microwaves, Antennas and Propagation, 2019, 13, 1969-1973.	1.4	9
15	A Single-Layer Single-Fed Shorted-Patch Antenna With Broadside Circular Polarization by Using Nondegenerate TM _{0,1/2} and TM _{1,1/2} Modes. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 939-943.	4.0	9
16	Design Approach for Low-Profile Tri-Polarization Patch Antenna With Simultaneous Harmonic Suppression. IEEE Transactions on Antennas and Propagation, 2022, 70, 2401-2410.	5.1	5
17	A linear tightly coupled dipole array with $\langle \text{scp} \rangle \text{wide}\hat{\epsilon} \text{angle} \langle \text{scp} \rangle$ scanning. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	1
18	A Low-Profile Stacked CP Patch Antenna with High Gain and Enhanced Axial-Ratio Bandwidth. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Radiation Pattern Reshaping of High-order TM ₁₂ Mode and Its Application in Dual-band Design. , 2019, , .		0