

Lei Zhu

List of Publications by Year in Descending Order

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

544
papers

9,427
citations

49
h-index

74
g-index

651
ext. papers

12,595
ext. citations

2.8
avg, IF

7.05
L-index

#	Paper	IF	Citations
544	Dual-Band Circular Polarizers with Versatile Polarization Conversions Based on Aperture-Coupled Patch Resonators. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
543	A Novel Wideband 90° Filtering Phase Shifter Using Broadside-Coupled MSLs. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	1
542	Numerical Short-Open-Load (SOL) Calibration Technique for Accurate Extraction of Electrically-Small Planar/Non-Planar Microstrip-Line Circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 1-1	4.1	2
541	Analysis and Design of Stable-Performance Circularly-Polarized Antennas Based on Coupled Radiators for Smart Watches. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	2
540	Design Approach for Low-Profile Tri-Polarization Patch Antenna with Simultaneous Harmonic Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
539	Synthesis Design of Wideband Phase Shifters Using Coupled-Line Structure. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	
538	Compact and High-Order On-Chip Wideband Bandpass Filters on Multimode Resonator in Integrated Passive Device Technology. <i>IEEE Electron Device Letters</i> , 2022 , 1-1	4.4	1
537	Design of Periodic End-Coupled Leaky-Wave Antenna with Asymmetrically Loading Unit. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	
536	Planar Pattern Manipulation Surfaces Using Dual-Polarized Pin-Loaded Patch Resonating Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
535	Wideband Balanced Filters With Intrinsic Common-Mode Suppression on Coplanar Stripline-Based Multimode Resonators. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-13	3.9	2
534	Design Approach for A Dual-Band Circularly Polarized Slot Antenna with Flexible Frequency Ratio and Similar In-Band Gain. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	2
533	Principle and Unified Design of Circularly-Polarized Quadruple Inverted-F Antenna with Miniaturized Size and Enhanced Front-to-Back Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
532	High-Order Mode Resonant Planar Dual-Sense Bidirectional Circularly Polarized Antenna with Arbitrary Orthogonal Polarization Flared Angles. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
531	Wideband Continuously Tunable Phase Shifter With Phase Slope Tunability and Low Phase Error. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 70, 2147-2155	4.1	1
530	2n-Way Wideband Filtering Power Dividers With Good Isolation Enhanced by a Modified Isolation Network. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 1-1	4.1	
529	Dual-Frequency Microstrip Leaky-Wave Antenna for High-Gain Broadside Radiation. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	
528	Low-Profile Dual-Resonant Wideband Backfire Antenna for Vehicle-to-Everything Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	1

527	Direct Synthesis and Design of Wideband Linear-to-Circular Polarizers on 3-D Frequency Selective Structures. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
526	A Fully Packaged Bandpass Filter on Stripline Patch Resonator With Wide Upper Stopband. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	
525	3-D Pattern Modulation Surfaces Using Short-Circuited Slotline Structure: Proposal, Design, and Implementation. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
524	Dual-Resonant Wideband Microstrip Annular Sector Patch Antenna with Increased Backfire Radiations. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	1
523	An Endfire Controllable-Filtering Antenna Based on Spoof Surface Plasmon Polaritons. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	1
522	Multi-Band Monopole Smartphone Antenna with Bandwidth Enhancement under Radiation of Multiple Same-Order Modes. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	1
521	A Single-Layer Dual-Band Array at Low Frequency Ratio with Concurrent Broad Fan Beam and Narrow Pencil Beam. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
520	. <i>IEEE Open Journal of Antennas and Propagation</i> , 2021 , 2, 1132-1142	1.9	
519	A Single-Layer Dual-Band Dual-Sense Circularly-Polarized Patch Antenna Array with Small Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	3
518	Wideband Filtering Antenna Fed through Hybrid Substrate Integrated Waveguide and Spoof Localized Surface Plasmon Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
517	A Slot-Loaded High-Gain Circular Patch Antenna with Reconfigurable Orthogonal Polarizations and Low Cross-Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	1
516	Multiband Waveguide Filters With Compact Size and Large Frequency Ratio. <i>IEEE Transactions on Plasma Science</i> , 2021 , 1-6	1.3	1
515	A New Miniaturized Broadband Multiway and Polyphase Differential Phase Shifter on Single-Layer PCB Substrate. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	0
514	A Frequency-Reconfigurable Inverted-L Antenna Made of Pure Water. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	1
513	A Compact Narrow-Width End-Fire Leaky Wave Antenna on Coplanar Stripline. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	5
512	A Wideband Bandpass Power Divider With Out-of-Band Multi-Transmission Zeros and Controllable Equal-Ripple Levels. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	4
511	Compact EH ₀ -Mode Microstrip Leaky-Wave Antenna with Enhanced Gain in Broadside. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	1
510	High-Isolation In-Band Full-Duplex Cavity-Backed Slot Antennas in a Single Resonant Cavity. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 7092-7102	4.9	7

509	Dual-Band Filtering Differential Phase Shifter Using Cascaded Wideband Phase Shifter and Bandstop Network With Two Same Phase Shifts. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 261-264	2.6	2
508	Design of a compact microstrip balanced-to-balanced filtering power divider with real impedance-transformation functionality. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 481-494	1.6	0
507	A new compact and wideband quadrature feeding network with an integrated asymmetrical phase shifter. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 397-403	1.6	
506	Miniaturized full-metal bandpass filter and multiplexer using circular spiral resonator. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 606-619	1.6	
505	Triple-resonant wideband 1.5-wavelength sectorial dipole antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22728	1.5	1
504	Design of compact planar power divider with wideband bandpass response and high in-band isolation. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 954-965	1.6	
503	A low-profile dual-band shorted patch antenna with enhanced-bandwidth and multifunctional beams under reshaped modes. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22726	1.5	2
502	Design of dual-band filtering power dividers with designable port-to-port isolation network. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22717	1.5	1
501	A Transversal Single-Beam EH ₀ -Mode Microstrip Leaky-Wave Antenna on Coupled Microstrip Lines Under Differential Operation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 592-596	3.8	2
500	Low-Sidelobe Cavity-Backed Slot Antenna Array With Simplified Feeding Structure for Vehicular Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3652-3660	6.8	12
499	Wideband Filtering Differential Phase Shifter With Enhanced Harmonic Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 445-448	2.6	2
498	A Low-Profile Dual-Band Patch Antenna With Simultaneous Wide Beamwidth and High Gain by Using Multiresonant Modes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 813-817	3.8	2
497	A folded higher-mode slot antenna with enhanced bandwidth and radiation pattern reshaping. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22777	1.5	0
496	A Compact, High-Efficiency, Reflectionless Leaky-Wave Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 888-892	3.8	3
495	A Low-Profile Microstrip Patch Antenna With Enhanced Bandwidth and Pattern Diversity Using Even- and Odd-Order Modes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 998-1002	3.8	4
494	Wideband cavity-backed slot array with high gain and high aperture efficiency. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22822	1.5	
493	Sub-6 GHz ceramic inverted-L antenna with non-resonant structure and leaky-wave radiation. <i>Applied Physics Letters</i> , 2021 , 119, 033501	3.4	2
492	A Generalized Synthesis Technique for High-Order and Wideband 3-D Frequency-Selective Structures With Chebyshev Functions. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3936-3944	4.9	4

491	Wideband Wide Beamwidth Full-Wavelength Sectorial Dipole Antenna Under Dual-Mode Resonance. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 14-24	4.9	4
490	Reconfigurable Cavity Bandpass Filters Using Fluid Dielectric. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 8603-8614	8.9	6
489	Wideband Differentially Fed Patch Antennas Under Dual High-Order Modes for Stable High Gain. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 508-513	4.9	12
488	Single- and Dual-Band High-Order Bandpass Frequency Selective Surfaces Based on Aperture-Coupled Dual-Mode Patch Resonators. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2130-2141	4.9	13
487	Dual-band stacked patch antenna with wide e-plane beam width and stable gain at both bands. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 1264-1270	1.2	0
486	Proposal and design of an end-fire slot antenna with low back-lobe and improved front-to-back ratio. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22508	1.5	2
485	Design and Analysis of Dual-Band Implantable Antennas Based on Effective Relative Permittivity Calculation. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2463-2472	4.9	3
484	Low-Profile High-Directivity Circularly-Polarized Differential-Fed Patch Antenna With Characteristic Modes Analysis. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 723-733	4.9	9
483	Frequency Selective Surface With Quasi-Elliptic Bandpass Response Using Radiation Null of Patch Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 13-17	3.8	2
482	Study on Bandwidth Properties of EH ₁ -Mode Microstrip Leaky-Wave Antenna for Broadside Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	0
481	A Novel Low-Profile Circularly-Polarized Diversity Patch Antenna with Extremely Small Spacing, Reduced Size and Low Mutual Coupling. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
480	A Compact Ultra-Wideband Circularly Polarized Antenna Array With Shared Partial Patches. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	3
479	An EH ₁ Mode Microstrip Leaky Wave Antenna on Differentially Excited Coupled Line for Transversal Single-Beam Radiation. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
478	A High-Gain and Pattern-Reconfigurable Patch Antenna Under Operation of TM ₁ and TM ₂ Modes. <i>IEEE Open Journal of Antennas and Propagation</i> , 2021 , 2, 646-653	1.9	5
477	Design of Low Profile Compact MIMO Antenna on A Single Radiating Patch Using Simple and Systematic Characteristic Modes Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	6
476	Wideband Butler Matrix Based on Dual-Layer HMSIW for Enhanced Miniaturization. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 1-4	2.6	3
475	Dual-Resonant High-Gain Wideband Yagi-Uda Antenna Using Full-Wavelength Sectorial Dipoles. <i>IEEE Open Journal of Antennas and Propagation</i> , 2021 , 2, 872-881	1.9	1
474	A Compact Low-Profile Hybrid-Mode Patch Antenna with Intrinsically Combined Self-Decoupling and Filtering Properties. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	5

473	Low Profile High Directivity Dual Beam Circularly Polarized Antennas under Operation of Two Odd Modes. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	3
472	Dual-Band Dual-Mode Patch Antenna with High-Gain and Wide-Beam Radiations in Two Respective Bands. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
471	A Low-Profile Decoupling Structure for Mutual Coupling Suppression in MIMO Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	12
470	A Low-Profile, Wideband, Filtering-Response, Omnidirectional Dielectric Resonator Antenna Without Enlarged Size and Extra Feeding Circuit. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	8
469	Wideband Millimeter-Wave Endfire Antenna Based on Symmetrical Spoof Surface Plasmon Polaritons. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	3
468	. <i>IEEE Microwave Magazine</i> , 2021 , 22, 33-45	1.2	3
467	Pin-Loaded Patch Antenna Fed With a Dual-Mode SIW Resonator for Bandwidth Enhancement and Stable High Gain. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 279-283	3.8	4
466	Coplanar waveguide-serially-connected coplanar strip dual stub structure for wideband bandpass filters. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22571	1.5	1
465	Compact Square Substrate Integrated Waveguide Filtering Power Divider With Wideband Isolation. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 109-112	2.6	6
464	Compact and Narrow-Band Bandpass Filter Using Spoof Surface Plasmon Polaritons. <i>IEEE Photonics Technology Letters</i> , 2021 , 33, 676-679	2.2	4
463	Balanced low-profile wide beamwidth circularly polarized stacked loop antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22848	1.5	1
462	Design of n-Way Wideband Filtering Power Dividers With Good PortPort Isolation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3298-3306	4.1	8
461	Synthesis Design of Filtering Differential Phase Shifters of Independently Suppressed Harmonics. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2760-2764	3.5	2
460	Wideband Balanced-to-Balanced Microstrip-to-Coplanar Strip Transitions With Intrinsic Common-Mode Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3726-3736	4.1	1
459	Wideband Balanced Filters With Intrinsic Common-Mode Suppression Using Coplanar Strip Double-Sided Shunt-Stub Structures. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3770-3782	4.1	5
458	Circularly-polarized cavity-backed slot antenna array with simplified feeding structure. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22859	1.5	2
457	High-Order Bandpass Polarization Rotator Based on Aperture-Coupled Patch Resonators. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1809-1813	3.8	3
456	S-Band Full-Metal Circularly Polarized Cavity-Backed Slot Antenna With Wide Bandwidth and Wide Beamwidth. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5963-5968	4.9	2

455	High Roll-Off Frequency Selective Surface With Quasi-Elliptic Bandpass Response. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5740-5749	4.9	7
454	Radiation Pattern Reshaping of A Narrow Slot Antenna for Bandwidth-Enhancement and Stable Pattern Using Characteristic Modes Analysis. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
453	Novel Reconfigurable Full-Metal Cavity-Backed Slot Antennas Using Movable Metal Posts. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
452	A Novel Ring Type Wideband Bandpass Filter: Proposal, Design and Verification. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	2
451	Synthesis Design of Dual-Band Differential Phase Shifters With Independent Filtering Passbands and Predetermined Phase Shifts. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	0
450	Bandwidth-Enhanced High-Gain Full-Metal Filtering Slot Antenna Array Using TE101 and TE301 Cavity Modes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	13
449	Tilted Circularly Polarized Beam Microstrip Antenna With Miniaturized Circular Sector Patch Under Wideband Dual-Mode Resonance. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6580-6590	4.9	7
448	Proposal of Coplanar Stripline Series Stub Structure for Wideband Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 3397-3407	4.1	2
447	Bandwidth and Gain Enhancement of Patch Antenna Based on Coupling Analysis of Characteristic Modes. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7275-7286	4.9	8
446	Wideband Bandpass Frequency-Selective Structures on Stacked Slotline Resonators: Proposal and Synthetic Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7068-7078	4.9	17
445	A Compact Omnidirectional Patch Antenna With Ultrawideband Harmonic Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7640-7645	4.9	6
444	Design of balanced-to-balanced filtering power divider with arbitrary power division ratio based on circular patch resonator. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 253-259	1.6	8
443	Wideband Null Frequency Scanning Circular Sector Patch Antenna Under Triple Resonance. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7266-7274	4.9	6
442	Miniaturized Full-Metal Dual-Band Filter Using Dual-Mode Circular Spiral Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 573-576	2.6	2
441	Design Approach for Compact Dual-Band Dual-Mode Patch Antenna With Flexible Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6401-6406	4.9	13
440	A Wideband Patch and SIW Cavity Hybrid Antenna With Filtering Response. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 836-840	3.8	24
439	Low-profile microstrip patch antenna with simultaneous enhanced bandwidth, beamwidth, and cross-polarisation under dual resonance. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 360-365	1.6	9
438	Differential phase shifters based on Schiffman type-C and type-F networks with wide phase shift range. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22126	1.5	0

437	Stacked Slotline Structure-Based Unit Cell and Its Application for Synthesis of 3-D Bandpass Frequency-Selective Surfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7958-7968	4.9	6
436	An Implantable Wideband Microstrip Patch Antenna Based on High-Loss Property of Human Tissue. <i>IEEE Access</i> , 2020 , 8, 93048-93057	3.5	6
435	High-Efficiency and Wideband Dual-Resonance Full-Metal Cavity-Backed Slot Antenna Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1360-1364	3.8	9
434	A Self-Balanced Wideband Patch Antenna Fed With a U-Resonator for Stable Radiation Performance. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 661-665	3.8	3
433	Modular Synthesis of Waveguide Bandpass Filters Using Dual-Mode Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 1660-1667	4.1	5
432	Wide beamwidth planar self-balanced magnetic dipole antenna with enhanced front-to-back ratio. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22171	1.5	4
431	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 939-943	3.8	7
430	Wideband Transition for Effective Excitation of Second Higher Order Mode in Microstrip Line. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 886-890	3.8	2
429	A Continuously Tunable Bandpass Filter Using Distilled Water Based on Multiple-Mode Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 477-480	2.6	2
428	Microstrip-Line EH1/EH2-Mode Leaky-Wave Antennas With Backward-to-Forward Scanning. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2363-2367	3.8	5
427	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2442-2446	3.8	7
426	Compact Single- and Dual-Band Filters on Hexa-Modes Half-Mode Substrate Integrated Waveguide Resonator With Loaded H-Shaped Slot. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 1129-1132	3.6	7
425	Design Approach of a Single Circularly Polarized Patch Antenna With Enhanced AR-Bandwidth Under Triple-Mode Resonance. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 5827-5834	4.9	15
424	Compact Single- and Dual-Band Filtering 180° Hybrid Couplers on Circular Patch Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 3675-3685	4.1	7
423	High-order bandpass frequency selective surface based on aperture-coupled patch resonators under dual resonance. <i>Electronics Letters</i> , 2020 , 56, 1409-1411	1.1	1
422	An EH0-Mode Microstrip Leaky-Wave Antenna With Transversal Single Beam via Periodical Loading of Shorting Pins and U-Shaped Slots. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2187-2191	3.8	5
421	Wideband bandstop filters based on wideband 180° phase shifters. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 1662-1670	1.6	2
420	A compact triple-mode bandpass filter with wide-stopband using half-mode substrate integrated waveguide cavity loaded with slots. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 1056-1059	1.2	1

419	Pin-loaded triple-mode patch resonator for bandpass filter design. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 625-629	1.2	
418	Quasi-Reflectionless Microstrip Bandpass Filters Using Bandstop Filter for Out-of-Band Improvement. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1849-1853	3.5	16
417	A dual-band dual-mode microstrip Yagi antenna with quasi-end-fire radiation. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22132	1.5	1
416	Wideband Low-Profile Circularly Polarized Patch Antenna Using 90° Modified Schiffman Phase Shifter and Meandering Microstrip Feed. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 5680-5685	4.0	5
415	Proposal and Design of a Power Divider With Wideband Power Division and Port-to-Port Isolation: A New Topology. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 1431-1438	4.1	18
414	Dual-Band Dual-CP All-Metal Antenna With Large Signal Coverage and High Isolation Over Two Bands for Vehicular Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 1131-1135	6.8	16
413	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 102-110	4.1	8
412	Schiffman Phase Shifters With Wide Phase Shift Range Under Operation of First and Second Phase Periods in a Coupled Line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 1423-1430	4.1	6
411	A compact monopolar patch antenna with bandwidth-enhancement under dual-mode resonance. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22088	1.5	
410	Multilayered Reflectionless Wideband Bandpass Filters With Shunt/In-Series Resistively Terminated Microstrip Lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 877-893	4.1	15
409	Radar Cross-Section Reduction of Helical Antenna by Replacing Metal With 3-D Printed Zirconia Ceramic. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 350-354	3.8	12
408	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2117-2121	3.8	1
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