

Linsheng Wu

List of Publications by Year in descending order

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2583
citing authors

#	ARTICLE	IF	CITATIONS
1	Circuit Modeling and Performance Analysis of Multi-Walled Carbon Nanotube Interconnects. IEEE Transactions on Electron Devices, 2008, 55, 1328-1337.	1.6	324
2	Design of a Beam Reconfigurable THz Antenna With Graphene-Based Switchable High-Impedance Surface. IEEE Nanotechnology Magazine, 2012, 11, 836-842.	1.1	108
3	A New Balanced-to-Balanced Power Divider/Combiner. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 2791-2798.	2.9	102
4	A Four-Way Microstrip Filtering Power Divider With Frequency-Dependent Couplings. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3494-3504.	2.9	87
5	A Novel Single-Cavity Dual Mode Substrate Integrated Waveguide Filter With Non-Resonating Node. IEEE Microwave and Wireless Components Letters, 2009, 19, 368-370.	2.0	84
6	A Balanced-to-Balanced Power Divider With Arbitrary Power Division. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2831-2840.	2.9	76
7	Tuning of the Contact Properties for High-Efficiency Si/PEDOT:PSS Heterojunction Solar Cells. ACS Energy Letters, 2017, 2, 556-562.	8.8	75
8	Differential Microwave Microfluidic Sensor Based on Microstrip Complementary Split-Ring Resonator (MCSRR) Structure. IEEE Sensors Journal, 2020, 20, 5876-5884.	2.4	74
9	A Reconfigurable Graphene Reflectarray for Generation of Vortex THz Waves. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1537-1540.	2.4	71
10	A Bandpass Graphene Frequency Selective Surface With Tunable Polarization Rotation for THz Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 662-672.	3.1	66
11	A Low-Profile Broadband Bandpass Frequency Selective Surface With Two Rapid Band Edges for 5G Near-Field Applications. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 670-676.	1.4	61
12	Absorptive Bandstop Filter With Prescribed Negative Group Delay and Bandwidth. IEEE Microwave and Wireless Components Letters, 2017, 27, 639-641.	2.0	58
13	A New Type of Periodically Loaded Half-Mode Substrate Integrated Waveguide and Its Applications. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 882-893.	2.9	57
14	An Arbitrary-Order LOD-FDTD Method and its Stability and Numerical Dispersion. IEEE Transactions on Antennas and Propagation, 2009, 57, 2409-2417.	3.1	56
15	Design of a Substrate Integrated Waveguide Balun Filter Based on Three-Port Coupled-Resonator Circuit Model. IEEE Microwave and Wireless Components Letters, 2011, 21, 252-254.	2.0	55
16	Dynamic Power Model of CMOS Gates Driving Transmission Lines Based on Fourier Analysis. IEEE Transactions on Electron Devices, 2008, 55, 594-600.	1.6	53
17	A Compact Gysel Power Divider With Unequal Power-Dividing Ratio Using One Resistor. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1480-1486.	2.9	44
18	Shielding Characterization of Metallic Enclosures With Multiple Slots and a Thin-Wire Antenna Loaded: Multiple Oblique EMP Incidences With Arbitrary Polarizations. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 284-292.	1.4	41

#	ARTICLE	IF	CITATIONS
19	Transient Electrothermal Analysis of Multilevel Interconnects in the Presence of ESD Pulses Using the Nonlinear Time-Domain Finite-Element Method. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 774-783.	1.4	41
20	Tunable THz Multiband Frequency-Selective Surface Based on Hybrid Metal-Graphene Structures. IEEE Nanotechnology Magazine, 2017, 16, 1132-1137.	1.1	41
21	Accurate Characterization of Shielding Effectiveness of Metallic Enclosures With Thin Wires and Thin Slots. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 293-300.	1.4	39
22	A Wideband Millimeter-Wave Substrate Integrated Coaxial Line Array for High-Speed Data Transmission. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2789-2800.	2.9	39
23	Massively Parallel Simulation of Large-Scale Electromagnetic Problems Using One High-Performance Computing Scheme and Domain Decomposition Method. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1523-1531.	1.4	34
24	Transient Thermal Analysis of GaN Heterojunction Transistors (HFETs) for High-Power Applications. IEEE Microwave and Wireless Components Letters, 2007, 17, 55-57.	2.0	33
25	Collaborative Design of a New Dual-Bandpass 180° Hybrid Coupler. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1053-1066.	2.9	32
26	The Conformal HIE-FDTD Method for Simulating Tunable Graphene-Based Couplers for THz Applications. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 368-376.	2.0	31
27	A Sinusoidally-Modulated Leaky-Wave Antenna With Gapped Graphene Ribbons. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3000-3004.	2.4	31
28	Wideband Modeling of Graphene-Based Structures at Different Temperatures Using Hybrid FDTD Method. IEEE Nanotechnology Magazine, 2015, 14, 250-258.	1.1	30
29	Electrothermal Cosimulation of 3-D Carbon-Based Heterogeneous Interconnects. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2016, 6, 518-526.	1.4	30
30	Analysis and Design of Inductorless Wideband Low-Noise Amplifier With Noise Cancellation Technique. IEEE Access, 2017, 5, 9389-9397.	2.6	30
31	Characterization of Electromagnetic Wave Coupling With a Twisted Bundle of Twisted Wire Pairs (TBTWPs) Above a Ground Plane. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 251-260.	1.4	30
32	Dual-Band Differential Shifted-Feed Microstrip Grid Array Antenna With Two Parasitic Patches. IEEE Transactions on Antennas and Propagation, 2020, 68, 2434-2439.	3.1	30
33	Analysis of Frequency- and Temperature-Dependent Substrate Eddy Currents in On-Chip Spiral Inductors Using the Complex Image Method. IEEE Transactions on Magnetics, 2007, 43, 3243-3253.	1.2	29
34	Fully Coupled Multiphysics Simulation of Crosstalk Effect in Bipolar Resistive Random Access Memory. IEEE Transactions on Electron Devices, 2017, 64, 3647-3653.	1.6	29
35	Electrothermal Characterization in 3-D Resistive Random Access Memory Arrays. IEEE Transactions on Electron Devices, 2016, 63, 4720-4728.	1.6	28
36	Vertical Topologies of Miniature Multispiral Stacked Inductors. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 475-486.	2.9	27

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37	Mini-Review: Modeling and Performance Analysis of Nanocarbon Interconnects. Applied Sciences (Switzerland), 2019, 9, 2174.	1.3	27
38	High-Order Interface Treatment Techniques for Modeling Curved Dielectric Objects. IEEE Transactions on Antennas and Propagation, 2010, 58, 2946-2953.	3.1	26
39	A Novel Compact Dual-Band Antenna Array With High Isolations Realized Using the Neutralization Technique. IEEE Transactions on Antennas and Propagation, 2013, 61, 1956-1962.	3.1	26
40	Perfectly matched layer implementation using bilinear transform for microwave device applications. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 3098-3105.	2.9	25
41	Electrothermal Effects on Hot-Carrier Reliability in SOI MOSFETsâ€™AC Versus Circuit-Speed Random Stress. IEEE Transactions on Electron Devices, 2016, 63, 3669-3676.	1.6	24
42	Microstrip-Fed Differential Dielectric Resonator Antenna and Array. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1736-1739.	2.4	24
43	Thermal Transient Response of GaAs FETs Under Intentional Electromagnetic Interference (IEMI). IEEE Transactions on Electromagnetic Compatibility, 2008, 50, 340-346.	1.4	22
44	Investigating a Thermal Breakdown Model and Experiments on a Silicon-Based Low-Noise Amplifier Under High-Power Microwave Pulses. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 487-493.	1.4	22
45	A Novel Leaky Wave Endfire Filtering Antenna Based on Spoof Surface Plasmon Polaritons. IEEE Transactions on Plasma Science, 2020, 48, 3061-3066.	0.6	22
46	Study on High-Density Integration Resistive Random Access Memory Array From Multiphysics Perspective by Parallel Computing. IEEE Transactions on Electron Devices, 2019, 66, 1747-1753.	1.6	21
47	28-GHz High-Selectivity Bandpass Filters With Dual-Behavior Resonators Using GaAs Technology. IEEE Transactions on Plasma Science, 2019, 47, 5277-5282.	0.6	20
48	An Adaptive High-Order Transient Algorithm to Solve Large-Scale Anisotropic Maxwellâ€™s Equations. IEEE Transactions on Antennas and Propagation, 2022, 70, 2082-2092.	3.1	20
49	All-Two-Dimensional-Material Hot Electron Transistor. IEEE Electron Device Letters, 2018, 39, 634-637.	2.2	19
50	An Overview of Probe-Based Millimeter-Wave/Terahertz Far-Field Antenna Measurement Setups [Measurements Corner]. IEEE Antennas and Propagation Magazine, 2021, 63, 63-118.	1.2	19
51	One-Step Leapfrog ADI-FDTD Method Including Lumped Elements and Its Stability Analysis. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1406-1409.	2.4	18
52	A New Wideband Elliptic Bandstop Filter With Cross Coupling. IEEE Microwave and Wireless Components Letters, 2015, 25, 639-641.	2.0	18
53	Stacked patch array in LTCC for 28 GHz antenna-in-package applications. , 2017, , .		18
54	Substrate Integrated Waveguide Filter With Flat Passband Based on Complex Couplings. IEEE Microwave and Wireless Components Letters, 2018, 28, 494-496.	2.0	18

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55	Experimental Investigation and Analysis of the LDMOS FET Breakdown Under HPM Pulses. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 909-916.	1.4	17
56	Microstrip Grid and Patch-Based Dual-Band Shared-Aperture Differentially Fed Array Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1043-1047.	2.4	17
57	Fourier Subspace-Based Deep Learning Method for Inverse Design of Frequency Selective Surface. IEEE Transactions on Antennas and Propagation, 2022, 70, 5130-5143.	3.1	17
58	Time-Domain Investigation on Cable-Induced Transient Coupling Into Metallic Enclosures. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 953-962.	1.4	16
59	Wideband Pulse Responses of Metallic Rectangular Multistage Cascaded Enclosures Illuminated by an EMP. IEEE Transactions on Electromagnetic Compatibility, 2008, 50, 928-939.	1.4	15
60	Generation of THz wave with orbital angular momentum by graphene patch reflectarray. , 2015, , .		15
61	Electrothermal Investigation on Vertically Aligned Single-Walled Carbon Nanotube Contacted Phase-Change Memory Array for 3-D ICs. IEEE Transactions on Electron Devices, 2015, 62, 3258-3263.	1.6	15
62	The Implementation of Convolutional Perfectly Matched Layer (CPML) for One-Step Leapfrog HIE-FDTD Method. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1694-1697.	2.4	15
63	A Flat-Passband Microstrip Filter With Nonuniform- Dual-Mode Resonators. IEEE Microwave and Wireless Components Letters, 2016, 26, 183-185.	2.0	15
64	A Wideband Filtering Balanced-to-Unbalanced Out-of-Phase Power Divider. IEEE Microwave and Wireless Components Letters, 2018, 28, 870-872.	2.0	15
65	Efficient Analytical Model for the Transfer Impedance and Admittance of Noncoaxial/Twinax Braided "Shielded Cables. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2725-2736.	1.4	14
66	Implementation of CPML for One-Step Leapfrog WCS-FDTD Method. IEEE Microwave and Wireless Components Letters, 2015, 25, 496-498.	2.0	13
67	A Balanced-to-Balanced Rat-Race Coupling Network Based on Defected Slots. IEEE Microwave and Wireless Components Letters, 2019, 29, 459-461.	2.0	13
68	A Novel Surface-Mounted Monoblock Dielectric Filter. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 1822-1827.	1.4	12
69	Scaling Analysis of High Gain Monolayer MoS ₂ Photodetector for Its Performance Optimization. IEEE Transactions on Electron Devices, 2016, 63, 1608-1614.	1.6	12
70	Hybrid FDTD Method for Studying Electromagnetic Coupling Effects of Transmission Line Networks. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1650-1653.	1.4	12
71	Experiments and Comparisons of Power to Failure for SiGe-Based Low-Noise Amplifiers Under High-Power Microwave Pulses. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1427-1435.	1.4	12
72	A Single-Ended-to-Balanced Impedance-Transforming Branch-Line Coupler With Arbitrary Power Division Ratio. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 949-956.	2.9	12

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73	Massively Parallel Electromagnetic-Thermal Cosimulation of Large Antenna Arrays. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1551-1555.	2.4	12
74	A Wideband CMOS Frequency Quadrupler With Transformer-Based Tail Feedback Loop. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1153-1157.	2.2	12
75	All-resonator based LTCC diplexer using substrate-integrated waveguides. Electronics Letters, 2017, 53, 1410-1412.	0.5	11
76	Fully Coupled Electrothermal Simulation of Large RRAM Arrays in the "Thermal-House". IEEE Access, 2019, 7, 3897-3908.	2.6	11
77	Modeling and Simulation of Resistive Random Access Memory With Graphene Electrode. IEEE Transactions on Electron Devices, 2020, 67, 915-921.	1.6	11
78	Stochastic Analysis of Multitwisted Cables With Random Parameters Excited by Random Plane-Wave Fields. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2084-2095.	1.4	11
79	A New Compact Power Divider Based on Capacitor Central Loaded Coupled Microstrip Line. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4249-4256.	2.9	11
80	Implementation of New CMOS Differential Stacked Spiral Inductor for VCO Design. IEEE Microwave and Wireless Components Letters, 2007, 17, 727-729.	2.0	10
81	Investigation on Self-Heating Effect in Carbon Nanotube Field-Effect Transistors. IEEE Transactions on Electron Devices, 2011, 58, 523-529.	1.6	10
82	An Absorptive Balanced-to-Balanced Power Divider. IEEE Access, 2018, 6, 14613-14619.	2.6	10
83	Ultra-Wideband Filtering 180° Hybrid Coupler With Super Wide Upper Stopband Using Swap Phase Inverter and Electromagnetic Bandgap Structures on Double-Sided Parallel-Strip Line. IEEE Access, 2018, 6, 41099-41106.	2.6	10
84	A Flat-Passband Predistorted Bandpass Filter With Folded Substrate Integrated Waveguide. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 324-328.	2.2	10
85	A novel multilayered cross-coupled substrate-integrated waveguide (SIW) circular cavity filter in LTCC. Microwave and Optical Technology Letters, 2009, 51, 1686-1689.	0.9	9
86	Optimized Conformal FDTD (2, 4) Method for Calculating Reflected and Diffracted Electromagnetic Fields of Perfectly Conducting Wedges. IEEE Transactions on Electromagnetic Compatibility, 2014, 56, 466-474.	1.4	9
87	A planar filtering crossover for three intersecting channels. , 2016, , .		9
88	Characterization of Near-Field Coupling Effects From Complicated Three-Dimensional Structures in Rectangular Cavities Using Fast Integral Equation Method. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 639-645.	1.4	9
89	An Improved Algorithm for Drift Diffusion Transport and Its Application on Large Scale Parallel Simulation of Resistive Random Access Memory Arrays. IEEE Access, 2019, 7, 31273-31285.	2.6	9
90	Modeling electromagnetic wave coupling and mode conversion effects in multitwisted bundle of twisted-wire pairs (MTB-TWP) above ground plane. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2020, 33, e2539.	1.2	9

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91	Adversarial-Network Regularized Inverse Design of Frequency-Selective Surface With Frequency-Temporal Deep Learning. IEEE Transactions on Antennas and Propagation, 2022, 70, 9460-9469.	3.1	9
92	Modeling of carbon nanotube interconnects and comparative analysis with Cu interconnects. , 2006, , .		8
93	Compact quasi-elliptic bandpass filter based on folded ridge substrate integrated waveguide (FRSIW). , 2012, , .		8
94	Improved Hybrid Leapfrog ADI-FDTD Method for Simulating Near-Field Coupling Effects Among Multiple Thin Wire Monopole Antennas on a Complex Platform. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 618-626.	1.4	8
95	Parallel Simulation of Fully Coupled Electrothermal Processes in Large-Scale Phase-Change Memory Arrays. IEEE Transactions on Electron Devices, 2019, 66, 5117-5125.	1.6	8
96	Theory of Reflective Phase-Shifting Surface for Generating Vortex Radio Waves. IEEE Transactions on Antennas and Propagation, 2016, 64, 4942-4948.	3.1	7
97	A Multilevel Method With Novel Correction Strategy for Parallel Finite-Element Analysis of Electromagnetic Problems. IEEE Transactions on Antennas and Propagation, 2018, 66, 3787-3791.	3.1	7
98	A Compact Passive Equalizer Design for Differential Channels in TSV-Based 3-D ICs. IEEE Access, 2018, 6, 75278-75292.	2.6	7
99	Quantum Transport Study of Si Ultrathin-Body Double-Gate pMOSFETs: $\langle I \rangle$ vs V_g and V_d . IEEE Transactions on Electron Devices, 2019, 66, 655-663.	1.6	7
100	A Hybrid Method Based on Leapfrog ADI-FDTD and FDTD for Solving Multiscale Transmission Line Network. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2020, 5, 273-280.	1.4	7
101	A Microstrip Dual-Split-Ring Antenna Array for 5G Millimeter-Wave Dual-Band Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 2025-2029.	2.4	7
102	N+1 transmission zeros in Nth-order cross-coupled filter with mixed source and load coupling (MSLC). , 2009, , .		6
103	High-Performance Resonator Based on Multiwalled Carbon Nanotube (MWCNT). IEEE Nanotechnology Magazine, 2014, 13, 1240-1249.	1.1	6
104	A new quad-band Wilkinson power divider. Journal of Electromagnetic Waves and Applications, 2014, 28, 1622-1634.	1.0	6
105	Study on SAR Distribution of Human Body on the Vehicle Platform Using a Modified FDTD Method. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 840-848.	1.4	6
106	Terahertz frequency selective surface based on metal-graphene structure with independent frequency tuneability. IET Microwaves, Antennas and Propagation, 2019, 13, 911-916.	0.7	6
107	Active Integrated Dielectric Resonator Antenna-in-Package Design. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2414-2418.	2.4	6
108	Magnetic Metamirrors as Spatial Frequency Filters. IEEE Transactions on Antennas and Propagation, 2020, 68, 5505-5511.	3.1	6

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109	EMI Analysis of Multiscale Transmission Line Network Using a Hybrid FDTD Method. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 1202-1211.	1.4	6
110	High-Speed Efficient On-Chip Electro-Optic Modulator Based on Midinfrared Hyperbolic Metamaterials. Physical Review Applied, 2021, 16, .	1.5	6
111	A Ku-Band Eight-Element Phased-Array Transmitter With Built-in Self-Test Capability in 180-nm CMOS Technology. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2022, 30, 694-705.	2.1	6
112	On-chip EMC issue: the implementation of patterned ground shields for silicon devices. , 2007, , .		5
113	Design of multilayer triangular substrate integrated waveguide filter in LTCC. Microwave and Optical Technology Letters, 2009, 51, 2582-2585.	0.9	5
114	Modeling and Performance Characterization of Double-Walled Carbon Nanotube Array Field-Effect Transistors. IEEE Transactions on Electron Devices, 2011, 58, 17-25.	1.6	5
115	Efficient Solution of Time-Domain Surface-Wire Integral Equation for Predicting Electromagnetic Responses of Complex Structures. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1465-1468.	2.4	5
116	High-Frequency Analysis of Intercalated Multilayer Graphene (IMLG) and Implication for Tunable Terahertz Resonator Design. IEEE Access, 2017, 5, 7532-7541.	2.6	5
117	Ruggedness Characterization of Bonding Wire Arrays in LDMOSFET-Based Power Amplifiers. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 1032-1041.	1.4	5
118	Theoretical and Experimental Investigation of HMSIW-Based High-Speed Data Transmission System Using QPSK Scheme. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 1938-1947.	1.4	5
119	High-Frequency Electrothermal Characterization of TSV-Based Power Delivery Network. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 2171-2179.	1.4	5
120	A filter with equal-ripple negative group delay. , 2018, , .		5
121	A General Method for Balanced-to-Unbalanced Filtering Out-of-Phase Power Divider Design. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2693-2700.	2.9	5
122	Massively Parallel Simulation of Antenna Array Using Domain Decomposition Method and a High-Performance Computing Scheme. , 2019, , .		5
123	A novel LTCC multilayer SIW linear phase filter. Microwave and Optical Technology Letters, 2009, 51, 2357-2360.	0.9	4
124	Wideband filters on high-resistivity silicon substrate for 5G high-frequency applications. , 2017, , .		4
125	A balanced-to-balanced filtering gysel power divider with unequal power division. , 2017, , .		4
126	Efficient Characterization of Field-to-Wire Coupling in Twisted-Wire Pair with a Reference Wire. , 2018, , .		4

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127	A 68.5–90 GHz High-Gain Power Amplifier With Capacitive Stability Enhancement Technique in 0.13 μ m SiGe BiCMOS. IEEE Transactions on Microwave Theory and Techniques, 2020, , 1-1.	2.9	4
128	A Novel Design of Compact Out-of-Phase Power Divider With Arbitrary Ratio. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 5235-5243.	2.9	4
129	A Hybrid Streamline Upwind Finite Volume-Finite Element Method for Semiconductor Continuity Equations. IEEE Transactions on Electron Devices, 2021, 68, 5421-5429.	1.6	4
130	Characterization of Electromagnetic Wave Coupling With a Noncoaxial Cable with Apertures on its Shield. , 2020, , .		4
131	Transmission Line Modeling and Crosstalk Analysis of Multibraided Shielded TWP/Twinax Cables. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 1560-1573.	1.4	4
132	Wideband Circuit Model of Silicon-Based Interconnects Up to 50 GHz. , 2007, , .		3
133	Performance Predication of Carbon Nanotube Bundle Dipole Antenna. , 2007, , .		3
134	Design of a switchable high impedance surface based on single-layer doped graphene for THz application. , 2011, , .		3
135	Design of compact dual-band quasi-elliptic filter with high selectivity and wide stopband rejection. , 2012, , .		3
136	Steady-state electro-thermal analysis and optimization of multilayer boards and substrate-integrated waveguide filters. International Journal of RF and Microwave Computer-Aided Engineering, 2014, 24, 594-604.	0.8	3
137	Modeling of magnetically biased graphene patch frequency selective surface (FSS). , 2015, , .		3
138	Characterization of multilayer graphene ribbon based THz resonators. , 2015, , .		3
139	Characterization of tunable graphene metasurfaces over an ultrawide terahertz band using a leapfrog hybrid implicit-explicit FDTD method. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2017, 30, e2250.	1.2	3
140	A negative group delay tuner with stable insertion loss. , 2017, , .		3
141	Carrier Dynamics of Nanopillar Textured Ultrathin Si Film/PEDOT:PSS Heterojunction Solar Cell. IEEE Journal of Photovoltaics, 2018, 8, 757-762.	1.5	3
142	A Microstrip Grid Array Antenna for Dual Band Applications. , 2018, , .		3
143	183 GHz Frequency Selective Surface Using Aligned Eight-layer Microstructure. IEEE Electron Device Letters, 2018, , 1-1.	2.2	3
144	Modeling of Circularly Polarized Stacked Patch Antenna. , 2019, , .		3

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145	Cavity model analysis of differential dual-εpolarised annular-ring patch antenna. IET Microwaves, Antennas and Propagation, 2019, 13, 1389-1393.	0.7	3
146	Fully coupled electrothermal simulation of resistive random access memory (RRAM) array. Science China Information Sciences, 2020, 63, 1.	2.7	3
147	A New Gysel Out-of-Phase Power Divider With Arbitrary Power Dividing Ratio Based on Analysis Method of Equivalence of N -Port Networks. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1335-1343.	2.9	3
148	Stochastic Analysis of Braided-Shielded TWP/Twinax Cables with Random Nonuniform Shield Parameters. , 2021, , .		3
149	An Unequal Wilkinson Power Divider Based on Integrated Passive Device Technology and Parametric Model. IEEE Microwave and Wireless Components Letters, 2022, 32, 281-284.	2.0	3
150	Multiphysics Computation for Resistive Random Access Memories With Different Metal Oxides. IEEE Transactions on Electron Devices, 2022, 69, 133-140.	1.6	3
151	Conductive Bridging-Based Memristive RF Switches on a Silicon Substrate. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 24-34.	2.9	3
152	Hexahedron-Based Control Volume Finite Element Method for Fully Coupled Nonlinear Drift-Diffusion Transport Equations in Semiconductor Devices. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2965-2978.	2.9	3
153	Experimental characterization of hybrid temperature and frequency effects on the performance of transformers on silicon substrate. IEEE Transactions on Magnetics, 2006, 42, 2107-2109.	1.2	2
154	Performance degradation of some on-chip finite-ground coplanar waveguide (FGCPW)-built passive devices at high temperature. Microwave and Optical Technology Letters, 2006, 48, 1754-1759.	0.9	2
155	Circuit Modeling and Time Delay Analysis of Double-Walled Carbon Nanotube Interconnects. , 2007, , .		2
156	Study on multi-walled carbon nanotube resonator. , 2010, , .		2
157	Performance enhancement research for printed circuit board manufacture in China. , 2011, , .		2
158	Notched ultra-wideband (UWB) bandpass filter with wide upper stopband based on electromagnetic bandgap (EBG) structures. , 2012, , .		2
159	High-εselectivity triband bandpass filter based on dual-εplane microstrip/slotline structure. Microwave and Optical Technology Letters, 2015, 57, 2225-2228.	0.9	2
160	Analysis of illuminated bent microstrip line based on Baum-Liu-Tesche (BLT) equation. , 2015, , .		2
161	Analysis of tunable multi-walled carbon nanotube (MWCNT) based resonator. , 2015, , .		2
162	Improved hybrid leapfrog ADI-FDTD method for simulating complex electromagnetic environment effects (E3) on a warship with multi-wire antennas. , 2016, , .		2

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163	Modeling and measurement of a novel shielding design in silicon interposer. , 2016, , .		2
164	A transparent broadband absorber based on graphene. , 2016, , .		2
165	Lossy substrate integrated waveguide filter with flat passband. , 2016, , .		2
166	LTCC based substrate integrated waveguide (SIW) bandpass filters with CPW transitions. , 2017, , .		2
167	A new Fabry-Perot resonance antenna based on graphene. , 2017, , .		2
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