

# Da Yi

## List of Publications by Year in descending order

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49  
papers

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Wideband, High-Density Circularly Polarized Array With Reduced Mutual Coupling and Enhanced Realized Gain. IEEE Transactions on Antennas and Propagation, 2022, 70, 1132-1143.	3.1	13
2	Near-Omnidirectional Broadband Metamaterial Absorber for TM-Polarized Wave Based on Radiation Pattern Synthesis. IEEE Transactions on Antennas and Propagation, 2022, 70, 420-429.	3.1	12
3	Biomass-based aligned carbon networks with double-layer construction for tunable electromagnetic shielding with ultra-low reflectivity. Journal of Materials Science and Technology, 2022, 103, 98-104.	5.6	33
4	Ultrathin, Electrically Small Noise Suppression Sheet for Microwave Cavities of 3-D Integrated Circuits: Design Methodology and Realization. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1157-1168.	2.9	4
5	Electrically Small Antenna With a Significantly Enhanced Gain-Bandwidth Product. IEEE Transactions on Antennas and Propagation, 2022, 70, 3153-3162.	3.1	0
6	Low-Profile, Electrically Small, Ultrawideband Antenna Enabled With an Inductive Grid Array Metasurface. IEEE Transactions on Antennas and Propagation, 2022, 70, 7152-7157.	3.1	6
7	A Compact, Uniplanar, Wideband, Differential-Fed Transparent Filtenna. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 735-739.	2.4	2
8	Structural design of compressible shape-memory foams for smart self-fixable electromagnetic shielding with reduced reflection. Materials Today Physics, 2022, 22, 100612.	2.9	16
9	Wideband Compartment Shielding Technique for Miniaturized Packages Based on Electrically Small Single-Negative Meta-Diaphragm. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3498-3510.	2.9	1
10	Electrically Small Antenna with Embedded Operational Amplifier Circuit Surpasses the Passive Upper Bound of the Gain-Bandwidth Product. , 2022, , .		0
11	Compact dual-band quasi-Yagi antenna with pattern diversification for WiFi 6E applications. Microwave and Optical Technology Letters, 2022, 64, 1842-1848.	0.9	1
12	Regulating the Direction That Power Flows in Microwave Transmission Line Systems With Huygens Sources. IEEE Transactions on Antennas and Propagation, 2021, 69, 594-599.	3.1	2
13	Low-Profile Metasurface-Based Diaphragm for Compartment Shielding of Microwave Cavities. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 2048-2059.	2.9	7
14	A Compact, High-Efficiency, Reflectionless Leaky-Wave Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 888-892.	2.4	5
15	Efficient coupling of evanescent waves in rectangular waveguides based on ultrathin planar capacitive metasurfaces. Science China Information Sciences, 2021, 64, 1.	2.7	2
16	Wideband, Compact Antennas With Interdigitated Magnetic-Based Near-Field Resonant Parasitic Elements. IEEE Transactions on Antennas and Propagation, 2021, 69, 5036-5041.	3.1	4
17	Small-Size Integrated Shielding Diaphragm in Miniaturized High-Power Microwave Cavity. , 2021, , .		1
18	Exploring the Effectiveness of Thin Microwave Absorber Applied in Parallel-Plate Waveguide. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Comparative Study of Electric and Magnetic Losses in Shielding Materials for Far-Field and Near-Field Electromagnetic Interference Suppression. , 2021, , .		0
20	Modeling and Analyzing High-Order Modes in Periodic-Stub-Loaded Stripline for Wideband Filter Design. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 398-405.	1.4	7
21	Preliminary Study on the Near-Field Absorber. , 2020, , .		2
22	Compact Series-Fed Microstrip Patch Arrays Excited With Dolphâ€“Chebyshev Distributions Realized With Slow Wave Transmission Line Feed Networks. IEEE Transactions on Antennas and Propagation, 2020, 68, 7905-7915.	3.1	20
23	Wideband, Electrically Small, Near-Field Resonant Parasitic Dipole Antenna With Stable Radiation Performance. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 826-830.	2.4	14
24	An Enhanced One-Port Waveguide Method for Sheet Resistance Extraction. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 1822-1829.	1.4	6
25	Manipulating the Power Propagation Direction in Parallel-Plate Waveguide by Reconfigurable Huygens Source. , 2020, , .		1
26	Broadband Dolph-Chebyshev Array Synthesized by Slow-Wave Transmission Line. , 2020, , .		0
27	An Interdigitated Structure-Based, Electrically Small Dipole Antenna with Enhanced Bandwidth. , 2020, , .		2
28	A Miniature Multi-Component Probe for Near-Field Scanning. IEEE Transactions on Antennas and Propagation, 2019, 67, 6821-6828.	3.1	40
29	Subwavelength Periodic Shielding Materials: Toward Enhanced Shielding of the Incomplete Enclosure. IEEE Microwave and Wireless Components Letters, 2019, 29, 113-115.	2.0	13
30	Capacitive Diaphragm for Compartment Shielding in the Fifth-Generation Radio Frequency Systems. , 2019, , .		5
31	Absorptive Surface Based on Graphene Composite for Advanced EMI Suppression. , 2019, , .		4
32	Inductance Extraction of Grid Power Distribution Network. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 1066-1072.	1.4	6
33	Theoretical Study of the First Higher Order Mode in Grounded Graphene Nanoribbons. IEEE Nanotechnology Magazine, 2018, 17, 814-823.	1.1	5
34	Semi-transparent biomass-derived macroscopic carbon grids for efficient and tunable electromagnetic shielding. Carbon, 2018, 139, 271-278.	5.4	68
35	A Raserber-Like Waveguide Based on Thin Film. IEEE Microwave and Wireless Components Letters, 2018, 28, 558-560.	2.0	4
36	Notice of Retraction: A Closed-Form Solution for the Impedance Calculation of Grid Power Distribution Network. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1449-1456.	1.4	11

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37	Tunable Microwave Absorber Based on Patterned Graphene. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2819-2826.	2.9	106
38	Transparent Microwave Absorber Based on Patterned Graphene: Design, Measurement, and Enhancement. IEEE Nanotechnology Magazine, 2017, 16, 484-490.	1.1	49
39	The influence of gradient and sandwich configurations on the electromagnetic interference shielding performance of multilayered thermoplastic polyurethane/graphene composite foams. Composites Science and Technology, 2017, 138, 209-216.	3.8	179
40	A Bandpass Frequency Selective Surface With a Low Cross-Polarization Based on Cavities With a Hybrid Boundary. IEEE Transactions on Antennas and Propagation, 2017, 65, 654-661.	3.1	18
41	An improved equivalent circuit model of spoof surface plasmon transmission line. , 2017, , .		4
42	Strong flexible polymer/graphene composite films with 3D saw-tooth folding for enhanced and tunable electromagnetic shielding. Carbon, 2017, 113, 55-62.	5.4	159
43	Recent developments of tunable microwave absorbers using graphene. , 2017, , .		1
44	Signal transmission along Cu-graphene heterogeneous interconnects. , 2016, , .		1
45	Experimental demonstration of transparent microwave absorber based on graphene. , 2016, , .		8
46	Microcellular graphene foam for improved broadband electromagnetic interference shielding. Carbon, 2016, 102, 154-160.	5.4	326
47	A Novel Tunable Absorber Based on Vertical Graphene Strips. IEEE Microwave and Wireless Components Letters, 2016, 26, 10-12.	2.0	24
48	A novel three dimensional tunable frequency selective surface based on graphene micro-ribbons. , 2015, , .		0
49	Transparent microwave absorber based on single layer graphene film. , 2015, , .		3