

Weiwei Li

List of Publications by Year in descending order

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30
papers

1,668
citations

643344

15
h-index

759306

22
g-index

30
all docs

30
docs citations

30
times ranked

2109
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of ANN-based models and its EM co-simulation for printed RF devices. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e23012.	0.8	3
2	Optically Transparent and Flexible Radio Frequency Electronics through Printing Technologies. Advanced Materials Technologies, 2022, 7, .	3.0	7
3	A Fully-Printed 3D Antenna With 92% Quasi-Isotropic and 85% CP Coverage. IEEE Transactions on Antennas and Propagation, 2022, 70, 7914-7922.	3.1	9
4	A fully-screen printed, multi-layer process for bendable mm-wave antennas. , 2022, , .		0
5	Polarization Insensitive and Transparent Frequency Selective Surface for Dual Band GSM Shielding. IEEE Transactions on Antennas and Propagation, 2021, 69, 2779-2789.	3.1	30
6	All Screen-Printed, Polymer-Nanowire Based Foldable Electronics for mm-Wave Applications. Advanced Materials Technologies, 2021, 6, 2100525.	3.0	16
7	Screen-Printed Depolarizing Chipless RFID Tag Based on Asymmetric Configurations. , 2021, , .		0
8	A Machine Learning-Based Microwave Device Model for Fully Printed VO ₂ RF Switches. , 2021, , .		4
9	All Screen-Printed, Polymer-Nanowire Based Foldable Electronics for mm-Wave Applications (Adv.) Tj ETQq1 1,0,784314,rgBT/O	3.0	2
10	Polymer-Assisted Fabrication of Silver Nanowire Cellular Monoliths: Toward Hydrophobic and Ultraflexible High-Performance Electromagnetic Interference Shielding Materials. ACS Applied Materials & Interfaces, 2020, 12, 38584-38592.	4.0	38
11	Multi-source ambient energy harvester based on RF and thermal energy: Design, testing, and IoT application. Energy Science and Engineering, 2020, 8, 3883-3897.	1.9	12
12	Flexible and reconfigurable radio frequency electronics realized by high-throughput screen printing of vanadium dioxide switches. Microsystems and Nanoengineering, 2020, 6, 77.	3.4	23
13	Flexible-Screen-Printed Antenna With Enhanced Bandwidth by Employing Defected Ground Structure. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1803-1807.	2.4	25
14	Additively Manufactured Dual-Mode Reconfigurable Filter Employing VO ₂ -Based Switches. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 1738-1744.	1.4	17
15	Highly transparent and conductive electrodes enabled by scalable printing-and-sintering of silver nanowires. Nanotechnology, 2020, 31, 395201.	1.3	32
16	Polarization Insensitive and Transparent FSS for Flexible Electronics Applications. , 2020, , .		1
17	Screen printing of silver nanowires: balancing conductivity with transparency while maintaining flexibility and stretchability. Npj Flexible Electronics, 2019, 3, .	5.1	67
18	Development of VO ₂ -Nanoparticle-Based Metal-Insulator Transition Electronic Ink. Advanced Electronic Materials, 2019, 5, 1800949.	2.6	18

#	ARTICLE	IF	CITATIONS
19	Screen-printed Flexible and Transparent Antenna. , 2019, , .		0
20	Silver Nanowire based Flexible, Transparent, Wideband Antenna for 5G Band Application. , 2019, , .		11
21	Coat-and-print patterning of silver nanowires for flexible and transparent electronics. Npj Flexible Electronics, 2019, 3, .	5.1	38
22	A temperature-activated nanocomposite metamaterial absorber with a wide tunability. Nano Research, 2018, 11, 3931-3942.	5.8	22
23	Fully Printed VO ₂ Switch Based Reconfigurable PIFA / T-shaped Monopole Antenna. , 2018, , .		3
24	Broadband composite radar absorbing structures with resistive frequency selective surface: Optimal design, manufacturing and characterization. Composites Science and Technology, 2017, 145, 10-14.	3.8	80
25	Effective fabrication of flexible negative refractive index metamaterials using a simple screen printing method. Journal of Materials Chemistry C, 2017, 5, 5378-5386.	2.7	6
26	Flexible and easy-to-tune broadband electromagnetic wave absorber based on carbon resistive film sandwiched by silicon rubber/multi-walled carbon nanotube composites. Carbon, 2017, 121, 544-551.	5.4	42
27	Microstructure Design of Lightweight, Flexible, and High Electromagnetic Shielding Porous Multiwalled Carbon Nanotube/Polymer Composites. Small, 2017, 13, 1701388.	5.2	163
28	Lightweight and Anisotropic Porous MWCNT/WPU Composites for Ultrahigh Performance Electromagnetic Interference Shielding. Advanced Functional Materials, 2016, 26, 303-310.	7.8	697
29	Thin and flexible multi-walled carbon nanotube/waterborne polyurethane composites with high-performance electromagnetic interference shielding. Carbon, 2016, 96, 768-777.	5.4	301
30	Compact flexible and reconfigurable antenna using screen-printed vanadium dioxide switch for wireless local area network and 5G electronic devices. International Journal of RF and Microwave Computer-Aided Engineering, 0, , .	0.8	1