

Weiwei Li

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,668
citations

567281

15
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

1843
citing authors

#	ARTICLE	IF	CITATIONS
1	Lightweight and Anisotropic Porous MWCNT/WPU Composites for Ultrahigh Performance Electromagnetic Interference Shielding. <i>Advanced Functional Materials</i> , 2016, 26, 303-310.	14.9	697
2	Thin and flexible multi-walled carbon nanotube/waterborne polyurethane composites with high-performance electromagnetic interference shielding. <i>Carbon</i> , 2016, 96, 768-777.	10.3	301
3	Microstructure Design of Lightweight, Flexible, and High Electromagnetic Shielding Porous Multiwalled Carbon Nanotube/Polymer Composites. <i>Small</i> , 2017, 13, 1701388.	10.0	163
4	Broadband composite radar absorbing structures with resistive frequency selective surface: Optimal design, manufacturing and characterization. <i>Composites Science and Technology</i> , 2017, 145, 10-14.	7.8	80
5	Screen printing of silver nanowires: balancing conductivity with transparency while maintaining flexibility and stretchability. <i>Npj Flexible Electronics</i> , 2019, 3, .	10.7	67
6	Flexible and easy-to-tune broadband electromagnetic wave absorber based on carbon resistive film sandwiched by silicon rubber/multi-walled carbon nanotube composites. <i>Carbon</i> , 2017, 121, 544-551.	10.3	42
7	Coat-and-print patterning of silver nanowires for flexible and transparent electronics. <i>Npj Flexible Electronics</i> , 2019, 3, .	10.7	38
8	Polymer-Assisted Fabrication of Silver Nanowire Cellular Monoliths: Toward Hydrophobic and Ultraflexible High-Performance Electromagnetic Interference Shielding Materials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38584-38592.	8.0	38
9	Highly transparent and conductive electrodes enabled by scalable printing-and-sintering of silver nanowires. <i>Nanotechnology</i> , 2020, 31, 395201.	2.6	32
10	Polarization Insensitive and Transparent Frequency Selective Surface for Dual Band GSM Shielding. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 2779-2789.	5.1	30
11	Flexible-Screen-Printed Antenna With Enhanced Bandwidth by Employing Defected Ground Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 1803-1807.	4.0	25
12	Flexible and reconfigurable radio frequency electronics realized by high-throughput screen printing of vanadium dioxide switches. <i>Microsystems and Nanoengineering</i> , 2020, 6, 77.	7.0	23
13	A temperature-activated nanocomposite metamaterial absorber with a wide tunability. <i>Nano Research</i> , 2018, 11, 3931-3942.	10.4	22
14	Development of VO ₂ -Nanoparticle-Based Metal-Insulator Transition Electronic Ink. <i>Advanced Electronic Materials</i> , 2019, 5, 1800949.	5.1	18
15	Additively Manufactured Dual-Mode Reconfigurable Filter Employing VO ₂ -Based Switches. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2020, 10, 1738-1744.	2.5	17
16	All Screen-Printed, Polymer-Nanowire Based Foldable Electronics for mm-Wave Applications. <i>Advanced Materials Technologies</i> , 2021, 6, 2100525.	5.8	16
17	Multi-source ambient energy harvester based on RF and thermal energy: Design, testing, and IoT application. <i>Energy Science and Engineering</i> , 2020, 8, 3883-3897.	4.0	12
18	Silver Nanowire based Flexible, Transparent, Wideband Antenna for 5G Band Application. , 2019, , .		11

#	ARTICLE	IF	CITATIONS
19	A Fully-Printed 3D Antenna With 92% Quasi-Isotropic and 85% CP Coverage. IEEE Transactions on Antennas and Propagation, 2022, 70, 7914-7922.	5.1	9
20	Optically Transparent and Flexible Radio Frequency Electronics through Printing Technologies. Advanced Materials Technologies, 2022, 7, .	5.8	7
21	Effective fabrication of flexible negative refractive index metamaterials using a simple screen printing method. Journal of Materials Chemistry C, 2017, 5, 5378-5386.	5.5	6
22	A Machine Learning-Based Microwave Device Model for Fully Printed VO ₂ RF Switches. , 2021, , .		4
23	Fully Printed VO ₂ Switch Based Reconfigurable PIFA / T-shaped Monopole Antenna. , 2018, , .		3
24	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.	1.2	3
25	All Screen-Printed, Polymer-Nanowire Based Foldable Electronics for mm-Wave Applications (Adv.) Tj ETQq1 1,0,784314,rgBT /Ove	5.8	2
26	Polarization Insensitive and Transparent FSS for Flexible Electronics Applications. , 2020, , .		1
27	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, , .	1.2	1
28	Screen-printed Flexible and Transparent Antenna. , 2019, , .		0
29	Screen-Printed Depolarizing Chipless RFID Tag Based on Asymmetric Configurations. , 2021, , .		0
30	A fully-screen printed, multi-layer process for bendable mm-wave antennas. , 2022, , .		0