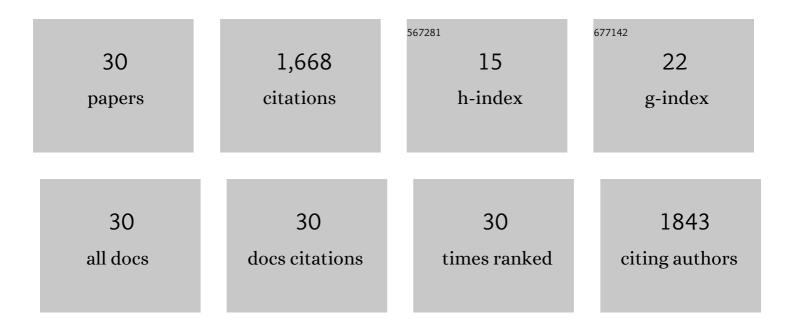
Weiwei Li

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3424649/publications.pdf Version: 2024-02-01



MENNELL

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

Weiwei Li

#	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 <inf>2</inf> Switch Based Reconfigurable PIFA / T-shaped Monopole Antenna. , 2018, , .		3
24	Optimization of <scp>ANN</scp> â€based models and its <scp>EM</scp> coâ€simulation for printed <scp>RF</scp> devices. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e23012.	1.2	3
25	All Screenâ€Printed, Polymerâ€Nanowire Based Foldable Electronics for mmâ€Wave Applications (Adv.) Tj ETQq1	1.0.7843 5.8	14 rgBT /Ov
26	Polarization Insensitive and Transparent FSS for Flexible Electronics Applications. , 2020, , .		1
27	Compact flexible and reconfigurable antenna using screenâ€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

A fully-screen printed, multi-layer process for bendable mm-wave antennas. , 2022, , .

0