

Weiwei Li

List of Publications by Year in descending order

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35
papers

3,182
citations

270111

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425179

34
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all docs

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docs citations

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times ranked

6363
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Thin Film Fabrication Techniques on the Performance of rGO Based NO ₂ Gas Sensors at Room Temperature. <i>Chemosensors</i> , 2022, 10, 119.	1.8	4
2	Polarization Insensitive and Transparent Frequency Selective Surface for Dual Band GSM Shielding. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 2779-2789.	3.1	30
3	High protection performance based on corrosion media-consumption and barrier properties of the supramolecular polymer reinforced graphene oxide composite coatings. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	4
4	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.	4.0	38
5	Strong performance enhancement in lead-halide perovskite solar cells through rapid, atmospheric deposition of n-type buffer layer oxides. <i>Nano Energy</i> , 2020, 75, 104946.	8.2	20
6	Rapid Vapor-Phase Deposition of High-Mobility <i>n</i> -Type Buffer Layers on Perovskite Photovoltaics for Efficient Semitransparent Devices. <i>ACS Energy Letters</i> , 2020, 5, 2456-2465.	8.8	32
7	Electronic Structure and Optoelectronic Properties of Bismuth Oxyiodide Robust against Percent-Level Iodine, Oxygen, and Bismuth-Related Surface Defects. <i>Advanced Functional Materials</i> , 2020, 30, 1909983.	7.8	40
8	Flexible Fe ₃ O ₄ /graphene foam/poly dimethylsiloxane composite for high-performance electromagnetic interference shielding. <i>Composites Science and Technology</i> , 2020, 189, 108012.	3.8	69
9	Ultralight and flexible graphene foam coated with <i>Bacillus subtilis</i> as a highly efficient electromagnetic interference shielding film. <i>Applied Surface Science</i> , 2019, 491, 616-623.	3.1	34
10	Identifying and Reducing Interfacial Losses to Enhance Color-Pure Electroluminescence in Blue-Emitting Perovskite Nanoplatelet Light-Emitting Diodes. <i>ACS Energy Letters</i> , 2019, 4, 1181-1188.	8.8	115
11	Carbon black/graphene-modified aluminum foil cathode current collectors for lithium ion batteries with enhanced electrochemical performances. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 63-69.	1.9	28
12	Cake-like flexible carbon nanotubes/graphene composite prepared via a facile method for high-performance electromagnetic interference shielding. <i>Carbon</i> , 2019, 145, 259-265.	5.4	55
13	Fundamental Carrier Lifetime Exceeding 1 μ s in Cs ₂ AgBiBr ₆ Double Perovskite. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800464.	1.9	173
14	Performance-Enhanced Activated Carbon Electrodes for Supercapacitors Combining Both Graphene-Modified Current Collectors and Graphene Conductive Additive. <i>Materials</i> , 2018, 11, 799.	1.3	11
15	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.	3.8	80
16	Fast Batch Production of High-Quality Graphene Films in a Sealed Thermal Molecular Movement System. <i>Small</i> , 2017, 13, 1700651.	5.2	33
17	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.	5.4	42
18	Roles of Oxygen and Hydrogen in Crystal Orientation Transition of Copper Foils for High-Quality Graphene Growth. <i>Scientific Reports</i> , 2017, 7, 45358.	1.6	34

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19	Microstructure Design of Lightweight, Flexible, and High Electromagnetic Shielding Porous Multiwalled Carbon Nanotube/Polymer Composites. <i>Small</i> , 2017, 13, 1701388.	5.2	163
20	Ultra-broadband graphene-InSb heterojunction photodetector. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	30
21	Low resistivity of graphene nanoribbons with zigzag-dominated edge fabricated by hydrogen plasma etching combined with Zn/HCl pretreatment. <i>Applied Physics Letters</i> , 2017, 111, 203102.	1.5	3
22	Significant enhancement of metal heat dissipation from mechanically exfoliated graphene nanosheets through thermal radiation effect. <i>AIP Advances</i> , 2017, 7, .	0.6	9
23	Self-assembly of urchin-like porphyrin/graphene microspheres for artificial photosynthetic production of formic acid from CO ₂ . <i>Journal of Materials Chemistry A</i> , 2017, 5, 155-164.	5.2	16
24	Lightweight and Anisotropic Porous MWCNT/WPU Composites for Ultrahigh Performance Electromagnetic Interference Shielding. <i>Advanced Functional Materials</i> , 2016, 26, 303-310.	7.8	697
25	Wide-Range Strain Sensors Based on Highly Transparent and Supremely Stretchable Graphene/Ag-Nanowires Hybrid Structures. <i>Small</i> , 2016, 12, 5058-5065.	5.2	72
26	Graphene/Ag-NWs electrodes for highly transparent and extremely stretchable supercapacitor. , 2016, , .		1
27	Thin and flexible multi-walled carbon nanotube/waterborne polyurethane composites with high-performance electromagnetic interference shielding. <i>Carbon</i> , 2016, 96, 768-777.	5.4	301
28	Electrochemical conversion of Ni ₂ (OH) ₂ CO ₃ into Ni(OH) ₂ hierarchical nanostructures loaded on a carbon nanotube paper with high electrochemical energy storage performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1875-1878.	5.2	59
29	Electron-electron interaction, weak localization and spin valve effect in vertical-transport graphene devices. <i>Applied Physics Letters</i> , 2014, 104, 153114.	1.5	9
30	Ultrahigh Thermal Conductivity of Assembled Aligned Multilayer Graphene/Epoxy Composite. <i>Chemistry of Materials</i> , 2014, 26, 4459-4465.	3.2	301
31	High-Density Three-Dimension Graphene Macroscopic Objects for High-Capacity Removal of Heavy Metal Ions. <i>Scientific Reports</i> , 2013, 3, 2125.	1.6	129
32	Layer-Controlled and Wafer-Scale Synthesis of Uniform and High-Quality Graphene Films on a Polycrystalline Nickel Catalyst. <i>Advanced Functional Materials</i> , 2012, 22, 3153-3159.	7.8	93
33	Effect of Cu-coated short carbon fibers on the mechanical and electrical properties of the epoxy composites. <i>Macromolecular Research</i> , 2012, 20, 366-371.	1.0	6
34	Reduced Graphene Oxide Electrically Contacted Graphene Sensor for Highly Sensitive Nitric Oxide Detection. <i>ACS Nano</i> , 2011, 5, 6955-6961.	7.3	367
35	Interface characteristics and mechanical properties of short carbon fibers/Al composites with different coatings. <i>Applied Surface Science</i> , 2009, 255, 4393-4400.	3.1	84