

Lei Li

List of Publications by Year in descending order

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50
papers

5,544
citations

109264

35
h-index

189801

50
g-index

50
all docs

50
docs citations

50
times ranked

9679
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyaniline supercapacitors. <i>Journal of Power Sources</i> , 2017, 347, 86-107.	4.0	723
2	Toward the Synthesis of Wafer-Scale Single-Crystal Graphene on Copper Foils. <i>ACS Nano</i> , 2012, 6, 9110-9117.	7.3	537
3	A seamless three-dimensional carbon nanotube graphene hybrid material. <i>Nature Communications</i> , 2012, 3, 1225.	5.8	456
4	High-Performance Pseudocapacitive Microsupercapacitors from Laser-Induced Graphene. <i>Advanced Materials</i> , 2016, 28, 838-845.	11.1	439
5	Graphene-Wrapped MnO ₂ Graphene Nanoribbons as Anode Materials for High-Performance Lithium Ion Batteries. <i>Advanced Materials</i> , 2013, 25, 6298-6302.	11.1	355
6	Superior-Performance Aqueous Zinc-Ion Batteries Based on the <i>In Situ</i> Growth of MnO ₂ Nanosheets on V ₂ CT _X MXene. <i>ACS Nano</i> , 2021, 15, 2971-2983.	7.3	205
7	Cobalt Nanoparticles Embedded in Nitrogen-Doped Carbon for the Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8083-8087.	4.0	180
8	Nanocomposite of Polyaniline Nanorods Grown on Graphene Nanoribbons for Highly Capacitive Pseudocapacitors. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6622-6627.	4.0	171
9	Highly transparent nonvolatile resistive memory devices from silicon oxide and graphene. <i>Nature Communications</i> , 2012, 3, 1101.	5.8	162
10	Hydrothermally Formed Three-Dimensional Nanoporous Ni(OH) ₂ Thin-Film Supercapacitors. <i>ACS Nano</i> , 2014, 8, 9622-9628.	7.3	148
11	High-Performance Solid-State Supercapacitors and Microsupercapacitors Derived from Printable Graphene Inks. <i>Advanced Energy Materials</i> , 2016, 6, 1600909.	10.2	139
12	Selective Detection of Trace Cr ³⁺ in Aqueous Solution by Using 5,5'-Dithiobis (2-Nitrobenzoic acid)-Modified Gold Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1533-1538.	4.0	134
13	Enhanced Cycling Stability of Lithium-Ion Batteries Using Graphene-Wrapped Fe ₃ O ₄ Graphene Nanoribbons as Anode Materials. <i>Advanced Energy Materials</i> , 2015, 5, 1500171.	10.2	133
14	Interfacial Engineering of Nickel Boride/Metaborate and Its Effect on High Energy Density Asymmetric Supercapacitors. <i>ACS Nano</i> , 2019, 13, 9376-9385.	7.3	129
15	Nitrogen-doped carbonized cotton for highly flexible supercapacitors. <i>Carbon</i> , 2016, 105, 260-267.	5.4	108
16	Preparation of carbon-coated iron oxide nanoparticles dispersed on graphene sheets and applications as advanced anode materials for lithium-ion batteries. <i>Nano Research</i> , 2014, 7, 502-510.	5.8	102
17	Fluorescent chemosensor based on Schiff base for selective detection of zinc(II) in aqueous solution. <i>Tetrahedron Letters</i> , 2010, 51, 618-621.	0.7	99
18	Graphene Nanoribbon/V ₂ O ₅ Cathodes in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9590-9594.	4.0	96

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19	A protein-supported fluorescent reagent for the highly-sensitive and selective detection of mercury ions in aqueous solution and live cells. <i>Chemical Communications</i> , 2008, , 6345.	2.2	85
20	Enhanced Cycling Stability of Lithium Sulfur Batteries Using Sulfurâ€“Polyanilineâ€“Graphene Nanoribbon Composite Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 15033-15039.	4.0	80
21	Silicon Nanowires and Lithium Cobalt Oxide Nanowires in Graphene Nanoribbon Papers for Full Lithium Ion Battery. <i>Advanced Energy Materials</i> , 2016, 6, 1600918.	10.2	80
22	Direct Grapheneâ€“Carbon Nanotube Composite Ink Writing Allâ€“Solidâ€“State Flexible Microsupercapacitors with High Areal Energy Density. <i>Advanced Functional Materials</i> , 2020, 30, 1907284.	7.8	79
23	Highly Sensitive Pseudocapacitive Iontronic Pressure Sensor with Broad Sensing Range. <i>Nano-Micro Letters</i> , 2021, 13, 140.	14.4	69
24	Inorganic Porous Films for Renewable Energy Storage. <i>ACS Energy Letters</i> , 2017, 2, 373-390.	8.8	68
25	SnO ₂ -reduced graphene oxide nanoribbons as anodes for lithium ion batteries with enhanced cycling stability. <i>Nano Research</i> , 2014, 7, 1319-1326.	5.8	66
26	Silverâ€“Graphene Nanoribbon Composite Catalyst for the Oxygen Reduction Reaction in Alkaline Electrolyte. <i>Electroanalysis</i> , 2014, 26, 164-170.	1.5	61
27	Sandwich structured graphene-wrapped FeS-graphene nanoribbons with improved cycling stability for lithium ion batteries. <i>Nano Research</i> , 2016, 9, 2904-2911.	5.8	52
28	Three-Dimensional Thin Film for Lithium-Ion Batteries and Supercapacitors. <i>ACS Nano</i> , 2014, 8, 7279-7287.	7.3	50
29	LiFePO ₄ nanoparticles encapsulated in graphene nanoshells for high-performance lithium-ion battery cathodes. <i>Chemical Communications</i> , 2014, 50, 7117.	2.2	47
30	Tin Disulfide Nanoplates on Graphene Nanoribbons for Full Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26549-26556.	4.0	47
31	Selective fluorescent probes based on CN isomerization and intramolecular charge transfer (ICT) for zinc ions in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1688-1692.	2.0	43
32	Co ²⁺ induced phase transformation from γ - to δ -MnO ₂ and their hierarchical δ -MnO ₂ @ γ -MnO ₂ nanostructures for efficient asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12661-12668.	5.2	43
33	Carbon-Free Electrocatalyst for Oxygen Reduction and Oxygen Evolution Reactions. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20607-20611.	4.0	39
34	Graphene on Metal Grids as the Transparent Conductive Material for Dye Sensitized Solar Cell. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25863-25868.	1.5	38
35	Boosting areal energy density of 3D printed all-solid-state flexible microsupercapacitors via tailoring graphene composition. <i>Energy Storage Materials</i> , 2020, 30, 412-419.	9.5	38
36	Hierarchical Kâ€“Bismiteâ€“MnO ₂ Carbon Framework for Highâ€“Energyâ€“Density and Durable Aqueous Zincâ€“Ion Battery. <i>Small</i> , 2021, 17, e2104557.	5.2	37

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37	Germanium on seamless graphene carbon nanotube hybrids for lithium ion anodes. <i>Carbon</i> , 2017, 123, 433-439.	5.4	35
38	Origin of Fracture Resistance to Large Volume Change in Cu-Substituted Co_3O_4 Electrodes. <i>Advanced Materials</i> , 2018, 30, 1704851.	11.1	29
39	A highly selective fluorescent sensor for mercury ions in aqueous solution: Detection based on target-induced aggregation. <i>Sensors and Actuators B: Chemical</i> , 2010, 148, 49-53.	4.0	26
40	Growth and Transfer of Seamless 3D Graphene-Nanotube Hybrids. <i>Nano Letters</i> , 2016, 16, 1287-1292.	4.5	26
41	Layer structured bismuth selenides Bi_2Se_3 and Bi_3Se_4 for high energy and flexible all-solid-state micro-supercapacitors. <i>Nanotechnology</i> , 2018, 29, 085401.	1.3	16
42	Improving the Cycling Stability of $\text{LiNi}_{0.8}\text{Co}_{0.1}\text{Mn}_{0.1}\text{O}_2$ by Enhancing the Structural Integrity via Synchronous Li_2SiO_3 Coating. <i>ACS Applied Energy Materials</i> , 2022, 5, 4885-4892.	2.5	15
43	Supramolecular-induced 2.40 V 130 °C working-temperature-range supercapacitor aqueous electrolyte of lithium bis(trifluoromethanesulfonyl) imide in dimethyl sulfoxide-water. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1162-1172.	5.0	12
44	High-Performance All-solid-state microsupercapacitors from 3D printing Structure-engineered Graphene-Carbon sphere electrodes. <i>Applied Surface Science</i> , 2022, 597, 153730.	3.1	11
45	Clarification of the binding model of lead(II) with a highly sensitive and selective fluoroionophore sensor by spectroscopic and structural study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 306-311.	2.0	10
46	Controllable preparation of 2D nickel aluminum layered double hydroxide nanoplates for high-performance supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 17493-17502.	1.1	9
47	Engineered Electrode Structure for High-Performance 3D-Printed All-Solid-State Flexible Microsupercapacitors. <i>Advanced Engineering Materials</i> , 2021, 23, 2100357.	1.6	8
48	Solution-Processed All-V ₂ O ₅ Battery. <i>Small</i> , 2020, 16, e2003816.	5.2	4
49	3D printable ink for double-electrical-layer-enhanced electrode of microsupercapacitors. <i>Journal of Power Sources</i> , 2021, 512, 230468.	4.0	3
50	Engineered Electrode Structure for High-Performance 3D-Printed All-Solid-State Flexible Microsupercapacitors. <i>Advanced Engineering Materials</i> , 2021, 23, 2170028.	1.6	2