

# Jian Lv

## List of Publications by Year in descending order

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71  
papers

3,367  
citations

136950

32  
h-index

149698

56  
g-index

71  
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71  
docs citations

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times ranked

4301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Yolk-Shell Cu <sub>2</sub> O@CuO decorated RGO for High-Performance Lithium-Ion Battery Anode. <i>Energy and Environmental Materials</i> , 2022, 5, 253-260.	12.8	37
2	Natural Polymer in Soft Electronics: Opportunities, Challenges, and Future Prospects. <i>Advanced Materials</i> , 2022, 34, e2105020.	21.0	49
3	Ionic covalent organic framework based electrolyte for fast-response ultra-low voltage electrochemical actuators. <i>Nature Communications</i> , 2022, 13, 390.	12.8	36
4	Stretchable, Breathable, and Stable Lead-Free Perovskite/Polymer Nanofiber Composite for Hybrid Triboelectric and Piezoelectric Energy Harvesting. <i>Advanced Materials</i> , 2022, 34, e2200042.	21.0	108
5	Molecular-Level Methylcellulose/MXene Hybrids with Greatly Enhanced Electrochemical Actuation. <i>Advanced Materials</i> , 2022, 34, e2200660.	21.0	18
6	Appropriate Ammonium/Nitrate Mitigates Low Light Stress in <i>Brassica pekinensis</i> by Regulating the Nitrogen Metabolism and Expression Levels of Key Proteins. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 574-593.	5.1	7
7	Inter-embedded Au-Cu <sub>2</sub> O heterostructure for the enhanced hydrogen production from water splitting under the visible light. <i>Chemical Engineering Journal</i> , 2021, 405, 126709.	12.7	27
8	A self-sustainable wearable multi-modular E-textile bioenergy microgrid system. <i>Nature Communications</i> , 2021, 12, 1542.	12.8	164
9	Breathable Nanogenerators for an On-Plant Self-Powered Sustainable Agriculture System. <i>ACS Nano</i> , 2021, 15, 5307-5315.	14.6	99
10	Sustainable wearable energy storage devices self-charged by human body bioenergy. <i>SusMat</i> , 2021, 1, 285-302.	14.9	60
11	Printable elastomeric electrodes with sweat-enhanced conductivity for wearables. <i>Science Advances</i> , 2021, 7, .	10.3	50
12	Wearable Biosupercapacitor: Harvesting and Storing Energy from Sweat. <i>Advanced Functional Materials</i> , 2021, 31, 2102915.	14.9	47
13	RGO@Cu <sub>2</sub> O@Cu Ternary Nanocomposite for High-Performance Non-Enzymatic Glucose Detection. <i>Journal of the Electrochemical Society</i> , 2021, 168, 087503.	2.9	6
14	Mechanically interlocked stretchable nanofibers for multifunctional wearable triboelectric nanogenerator. <i>Nano Energy</i> , 2020, 78, 105358.	16.0	88
15	Structural Innovations in Printed, Flexible, and Stretchable Electronics. <i>Advanced Materials Technologies</i> , 2020, 5, .	5.8	57
16	TNF- $\alpha$ /HMGB1 inflammation signalling pathway regulates pyroptosis during liver failure and acute kidney injury. <i>Cell Proliferation</i> , 2020, 53, e12829.	5.3	115
17	Ethylene was Involved in Ca <sup>2+</sup> -Regulated Na <sup>+</sup> Homeostasis, Na <sup>+</sup> Transport and Cell Ultrastructure During Adventitious Rooting in Cucumber Explants Under Salt Stress. <i>Journal of Plant Biology</i> , 2020, 63, 311-320.	2.1	4
18	Liquid Metal Based Island-Bridge Architectures for All Printed Stretchable Electrochemical Devices. <i>Advanced Functional Materials</i> , 2020, 30, 2002041.	14.9	95

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19	The expression and role of PIDD in retina after optic nerve crush. <i>Journal of Molecular Histology</i> , 2020, 51, 89-97.	2.2	2
20	The role of hydrogen sulfide in plant alleviates heavy metal stress. <i>Plant and Soil</i> , 2020, 449, 1-10.	3.7	58
21	Cu <sup>2+</sup> /Cu <sub>2</sub> O Heterogeneous Architecture for the Enhanced CO Catalytic Oxidation. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901643.	3.7	17
22	Transcriptome Analysis Reveals the Different Response to Toxic Stress in Rootstock Grafted and Non-Grafted Cucumber Seedlings. <i>International Journal of Molecular Sciences</i> , 2020, 21, 774.	4.1	17
23	Ultrathin Cu <sub>2</sub> O nanoflakes anchored Cu <sub>2</sub> O nanoarray for high-performance non-enzymatic glucose sensor. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 583-590.	2.5	6
24	Robust icephobic epoxy coating using maleic anhydride as a crosslinking agent. <i>Progress in Organic Coatings</i> , 2020, 142, 105561.	3.9	8
25	Promoting pepper ( <i>Capsicum annuum</i> ) photosynthesis via chloroplast ultrastructure and enzyme activities by optimising the ammonium to nitrate ratio. <i>Functional Plant Biology</i> , 2020, 47, 303.	2.1	8
26	Stretchable and Flexible Buckypaper-Based Lactate Biofuel Cell for Wearable Electronics. <i>Advanced Functional Materials</i> , 2019, 29, 1905785.	14.9	132
27	CuO ultrathin nanosheets decorated reduced graphene oxide as a high performance anode for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 805, 355-362.	5.5	27
28	Gegen Qinlian decoction enhances the effect of PD-1 blockade in colorectal cancer with microsatellite stability by remodelling the gut microbiota and the tumour microenvironment. <i>Cell Death and Disease</i> , 2019, 10, 415.	6.3	121
29	Exotic Hydrogen Bonding in Compressed Ammonia Hydrides. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2761-2766.	4.6	25
30	Wearable, stable, highly sensitive hydrogel-graphene strain sensors. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 475-480.	2.8	38
31	Effect of the Chinese Medicine YangZheng XiaoJi on Reducing Fatigue in Mice with Orthotopic Transplantation of Colon Cancer. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-12.	1.2	3
32	Effects of A94T and P84L Polymorphisms Within the <i>TNF-<math>\alpha</math></i> Gene on Proliferation and Activation of Hepatic Stellate Cells. <i>DNA and Cell Biology</i> , 2019, 38, 162-169.	1.9	3
33	Hub Genes and Key Pathway Identification in Colorectal Cancer Based on Bioinformatic Analysis. <i>BioMed Research International</i> , 2019, 2019, 1-13.	1.9	21
34	Facile Wearable Vapor/Liquid Amphibious Methanol Sensor. <i>ACS Sensors</i> , 2019, 4, 152-160.	7.8	41
35	Associations of the IL-17A rs2275913 and IL-17F rs763780 polymorphisms with the risk of digestive system neoplasms: A meta-analysis. <i>International Immunopharmacology</i> , 2019, 67, 248-259.	3.8	10
36	One-pot synthesis of ultrafine Ag-hydrogel composites with enhanced catalytic reduction of 4-nitrophenol. <i>Materials Letters</i> , 2019, 236, 530-533.	2.6	10

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37	<i>NOTCH1</i> Gene MicroRNA Target Variation and Ventricular Septal Defect Risk. OMICS A Journal of Integrative Biology, 2019, 23, 28-35.	2.0	6
38	A sensitive electrochemical nonenzymatic biosensor for the detection of H <sub>2</sub> O <sub>2</sub> released from living cells based on ultrathin concave Ag nanosheets. Biosensors and Bioelectronics, 2018, 106, 29-36.	10.1	88
39	Template-synthesis of hierarchical CuO nanoflowers constructed by ultrathin nanosheets and their application for non-enzymatic glucose detection. Materials Letters, 2018, 219, 134-137.	2.6	27
40	Effects of PHA-665752 and vemurafenib combination treatment on in vitro and murine xenograft growth of human colorectal cancer cells with BRAFV600E mutations. Oncology Letters, 2018, 15, 3904-3910.	1.8	9
41	Intestinal microbiota impact sepsis associated encephalopathy via the vagus nerve. Neuroscience Letters, 2018, 662, 98-104.	2.1	50
42	Exogenous Si Alleviation of Autotoxicity in Cucumber (Cucumis sativus L.) Seed Germination is Correlated with Changes in Carbohydrate Metabolism. Journal of Plant Growth Regulation, 2018, 37, 784-793.	5.1	19
43	Sweat-based wearable energy harvesting-storage hybrid textile devices. Energy and Environmental Science, 2018, 11, 3431-3442.	30.8	196
44	A Novel <i>MLH1</i> Initiation Codon Mutation (c.3G>T) in a Large Chinese Lynch Syndrome Family with Different Onset Age and mRNA Expression Level. BioMed Research International, 2018, 2018, 1-8.	1.9	2
45	Controllable in situ Synthesis of Cu <sub>2</sub> O Heterostructures with Enhanced Visible-light Photocatalytic Activity. ChemistrySelect, 2018, 3, 10641-10645.	1.5	13
46	Artesunate may inhibit liver fibrosis via the FAK/Akt/β-catenin pathway in LX-2 cells. BMC Pharmacology & Toxicology, 2018, 19, 64.	2.4	28
47	Noninvasive Transdermal Delivery System of Lidocaine Using an Acoustic Droplet Vaporization Based Wearable Patch. Small, 2018, 14, e1803266.	10.0	47
48	Highly Stable Battery Pack via Insulated, Reinforced, Buckling-Enabled Interconnect Array. Small, 2018, 14, e1800938.	10.0	35
49	Cellular hnRNP A1 Interacts with Nucleocapsid Protein of Porcine Epidemic Diarrhea Virus and Impairs Viral Replication. Viruses, 2018, 10, 127.	3.3	23
50	HER4 isoform CYT2 and its ligand NRG1III are expressed at high levels in human colorectal cancer. Oncology Letters, 2018, 15, 6629-6635.	1.8	4
51	Surfactant-free synthesis of Cu <sub>2</sub> O yolk-shell cubes decorated with Pt nanoparticles for enhanced H <sub>2</sub> O <sub>2</sub> detection. Chemical Communications, 2018, 54, 8458-8461.	4.1	36
52	Thermal and frictional properties of mesoporous silica SBA-15/phenolic resin nanocomposites. Polymer Composites, 2017, 38, E351.	4.6	12
53	Facile synthesis of novel CuO/Cu <sub>2</sub> O nanosheets on copper foil for high sensitive nonenzymatic glucose biosensor. Sensors and Actuators B: Chemical, 2017, 248, 630-638.	7.8	113
54	Morphometry analysis of basal ganglia structures in children with obstructive sleep apnea. Journal of X-Ray Science and Technology, 2017, 25, 93-99.	1.0	10

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55	A two-dimensional TiB <sub>4</sub> monolayer exhibits planar octacoordinate Ti. <i>Nanoscale</i> , 2017, 9, 17983-17990.	5.6	50
56	Zinc ion mediated synthesis of cuprous oxide crystals for non-enzymatic glucose detection. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8686-8694.	5.8	21
57	Supervoxel-based statistical analysis of diffusion tensor imaging in schizotypal personality disorder. <i>NeuroImage</i> , 2017, 163, 368-378.	4.2	6
58	Appropriate NH <sub>4</sub> <sup>+</sup> : NO <sub>3</sub> <sup>-</sup> ratio improves low light tolerance of mini Chinese cabbage seedlings. <i>BMC Plant Biology</i> , 2017, 17, 22.	3.6	30
59	Novel structures of oxygen adsorbed on a Zr(0001) surface predicted from first principles. <i>Applied Surface Science</i> , 2017, 393, 422-427.	6.1	13
60	Association between tooth loss and dementia among older people: a meta-analysis. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 953-955.	2.7	18
61	The brain effects of laser acupuncture at thirteen ghost acupoints in healthy individuals: A resting-state functional MRI investigation. <i>Computerized Medical Imaging and Graphics</i> , 2016, 54, 48-54.	5.8	11
62	Report on the sixth blind test of organic crystal structure prediction methods. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 439-459.	1.1	445
63	Facet-dependent nonenzymatic glucose sensing properties of Cu <sub>2</sub> O cubes and octahedra. <i>New Journal of Chemistry</i> , 2016, 40, 6573-6576.	2.8	35
64	Stable Lithium Argon compounds under high pressure. <i>Scientific Reports</i> , 2015, 5, 16675.	3.3	34
65	Moderate ammonium:nitrate alleviates low light intensity stress in mini Chinese cabbage seedling by regulating root architecture and photosynthesis. <i>Scientia Horticulturae</i> , 2015, 186, 143-153.	3.6	55
66	Facile hydroxyl-assisted synthesis of morphological Cu <sub>2</sub> O architectures and their shape-dependent photocatalytic performances. <i>New Journal of Chemistry</i> , 2014, 38, 4656-4660.	2.8	30
67	Copper-templated synthesis of gold microcages for sensitive surface-enhanced Raman scattering activity. <i>RSC Advances</i> , 2014, 4, 27074-27077.	3.6	7
68	Nanoparticle-aggregated CuO nanoellipsoids for high-performance non-enzymatic glucose detection. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10073.	10.3	80
69	Effect of Ta addition on mechanical properties of 7715D titanium alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 516-520.	4.2	0
70	Cagelike Diamondoid Nitrogen at High Pressures. <i>Physical Review Letters</i> , 2012, 109, 175502.	7.8	176
71	Characterization of a novel water tape containing (H <sub>2</sub> O) <sub>18</sub> clusters. <i>Inorganic Chemistry Communication</i> , 2006, 9, 691-694.	3.9	24