

# Juan Li

## List of Publications by Year in descending order

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109  
papers

2,281  
citations

201674

27  
h-index

254184

43  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3354  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel benzimidazole-functionalized 2-D COF material: Synthesis and application as a selective solid-phase extractant for separation of uranium. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 211-218.	9.4	153
2	UV-Sintered Low-Temperature Solution-Processed SnO <sub>2</sub> as Robust Electron Transport Layer for Efficient Planar Heterojunction Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 21909-21920.	8.0	123
3	Simple small molecule carbon source strategy for synthesis of functional hydrothermal carbon: preparation of highly efficient uranium selective solid phase extractant. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1550-1559.	10.3	112
4	Ultrathin reduced graphene oxide/MOF nanofiltration membrane with improved purification performance at low pressure. <i>Chemosphere</i> , 2018, 204, 378-389.	8.2	94
5	Zirconium-based metal organic frameworks loaded on polyurethane foam membrane for simultaneous removal of dyes with different charges. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 267-279.	9.4	94
6	A catechol-like phenolic ligand-functionalized hydrothermal carbon: One-pot synthesis, characterization and sorption behavior toward uranium. <i>Journal of Hazardous Materials</i> , 2014, 271, 41-49.	12.4	85
7	Output Predictor-Based Active Disturbance Rejection Control for a Wind Energy Conversion System With PMSG. <i>IEEE Access</i> , 2017, 5, 5205-5214.	4.2	83
8	Structural Incorporation of Manganese into Goethite and Its Enhancement of Pb(II) Adsorption. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4719-4727.	10.0	74
9	Organic-inorganic hybrid CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> perovskite materials as channels in thin-film field-effect transistors. <i>RSC Advances</i> , 2016, 6, 16243-16249.	3.6	63
10	Multiclass analysis of 25 veterinary drugs in milk by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 257, 259-264.	8.2	57
11	Oxidative transformation of emerging organic contaminants by aqueous permanganate: Kinetics, products, toxicity changes, and effects of manganese products. <i>Water Research</i> , 2021, 203, 117513.	11.3	51
12	Simultaneous determination of main phytoecdysones and triterpenoids in <i>Radix Achyranthis Bidentatae</i> by high-performance liquid chromatography with diode array-evaporative light scattering detectors and mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 596, 264-272.	5.4	48
13	The effect of UV exposure on conventional and degradable microplastics adsorption for Pb (II) in sediment. <i>Chemosphere</i> , 2022, 286, 131777.	8.2	47
14	Carnosine Inhibits the Proliferation of Human Gastric Cancer SGC-7901 Cells through Both of the Mitochondrial Respiration and Glycolysis Pathways. <i>PLoS ONE</i> , 2014, 9, e104632.	2.5	46
15	The performance of UiO-66-NH <sub>2</sub> /graphene oxide (GO) composite membrane for removal of differently charged mixed dyes. <i>Chemosphere</i> , 2019, 237, 124517.	8.2	45
16	Glutamine synthetase plays a role in d-galactose-induced astrocyte aging in vitro and in vivo. <i>Experimental Gerontology</i> , 2014, 58, 166-173.	2.8	43
17	Soybean residue based biochar prepared by ball milling assisted alkali activation to activate peroxydisulfate for the degradation of tetracycline. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 631-641.	9.4	42
18	The Type-B Cytokinin Response Regulator ARR1 Inhibits Shoot Regeneration in an ARR12-Dependent Manner in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2020, 32, 2271-2291.	6.6	41

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19	Self-Reporting Liposomes for Intracellular Drug Release. <i>Small</i> , 2014, 10, 1261-1265.	10.0	39
20	New Films on Old Substrates: Toward Green and Sustainable Energy Production via Recycling of Functional Components from Degraded Perovskite Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3261-3269.	6.7	39
21	Automatic Railway Traffic Object Detection System Using Feature Fusion Refine Neural Network under Shunting Mode. <i>Sensors</i> , 2018, 18, 1916.	3.8	39
22	Molecular and Clinical Characteristics of Clonal Complex 59 Methicillin-Resistant <i>Staphylococcus aureus</i> Infections in Mainland China. <i>PLoS ONE</i> , 2013, 8, e70602.	2.5	38
23	Water-assisted chemical vapor deposition synthesis of boron nitride nanotubes and their photoluminescence property. <i>Nanotechnology</i> , 2013, 24, 365605.	2.6	36
24	Multifunctional MnO <sub>2</sub> /Ag <sub>3</sub> SbS <sub>3</sub> Nanotheranostic Agent for Single-Laser-Triggered Tumor Synergistic Therapy in the NIR-II Biowindow. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4980-4994.	8.0	36
25	A novel visual-mixed-dye for LAMP and its application in the detection of foodborne pathogens. <i>Analytical Biochemistry</i> , 2019, 574, 1-6.	2.4	35
26	Long-term postoperative survival prediction in patients with colorectal liver metastasis. <i>Oncotarget</i> , 2017, 8, 79927-79934.	1.8	31
27	Hippo kinases regulate cell junctions to inhibit tumor metastasis in response to oxidative stress. <i>Redox Biology</i> , 2019, 26, 101233.	9.0	30
28	The in vivo immunomodulatory and synergistic anti-tumor activity of thymosin $\alpha$ 1-thymopentin fusion peptide and its binding to TLR2. <i>Cancer Letters</i> , 2013, 337, 237-247.	7.2	29
29	Synthesis and mesomorphic properties of 7-alkoxybezopyrano[2,3-c]pyrazol-3-one. <i>Liquid Crystals</i> , 2010, 37, 1549-1557.	2.2	24
30	Long Branched-Chain Amphiphilic Copolymers: Synthesis, Properties, and Application in Heavy Oil Recovery. <i>Energy &amp; Fuels</i> , 2018, 32, 7002-7010.	5.1	24
31	MYB94 and MYB96 additively inhibit callus formation via directly repressing LBD29 expression in <i>Arabidopsis thaliana</i> . <i>Plant Science</i> , 2020, 293, 110323.	3.6	24
32	Intermittent Hypoxia Alleviates $\beta$ -Aminopropionitrile Monofumarate Induced Thoracic Aortic Dissection in C57BL/6 Mice. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 1000-1010.	1.5	22
33	Angiopoietin-like protein 8 accelerates atherosclerosis in ApoE <sup>-/-</sup> mice. <i>Atherosclerosis</i> , 2020, 307, 63-71.	0.8	22
34	A disturbance observer enhanced composite cascade control with experimental studies. <i>International Journal of Control, Automation and Systems</i> , 2013, 11, 555-562.	2.7	21
35	Sub-millimeter surgical margin is acceptable in patients with good tumor biology after liver resection for colorectal liver metastases. <i>European Journal of Surgical Oncology</i> , 2019, 45, 1551-1558.	1.0	20
36	Undesirable role of remnant PbI <sub>2</sub> layer on low temperature processed planar perovskite solar cells. <i>RSC Advances</i> , 2016, 6, 101250-101258.	3.6	18

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37	High-performance organic-inorganic hybrid perovskite thin-film field-effect transistors. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	17
38	Astragaloside IV Ameliorates Cognitive Impairment and Neuroinflammation in an Oligomeric A $\beta$ 2 Induced Alzheimer's Disease Mouse Model & via Inhibition of Microglial Activation and NADPH Oxidase Expression. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1688-1696.	1.4	17
39	Isotropic Thermoelectric Performance of Layer-Structured n-Type Bi <sub>2</sub> Te <sub>2.7</sub> Se <sub>0.3</sub> by Cu Doping. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 58781-58788.	8.0	17
40	Influences of ZnO on the Properties of SrZr <sub>0.9</sub> Y <sub>0.1</sub> O <sub>2.95</sub> Protonic Conductor. <i>Journal of the American Ceramic Society</i> , 2008, 91, 1534-1538.	3.8	16
41	An Intronless $\beta$ -amyrin Synthase Gene is More Efficient in Oleanolic Acid Accumulation than its Paralog in <i>Gentiana straminea</i> . <i>Scientific Reports</i> , 2016, 6, 33364.	3.3	16
42	The optimization of organic-inorganic perovskite films by annealing atmosphere for applications in transistors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700170.	1.8	16
43	Rapid removal of organic pollutants by a novel persulfate/brochantite system: Mechanism and implication. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 400-407.	9.4	16
44	Enhancing Near-Room-Temperature GeTe Thermoelectrics through In/Pb Co-doping. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 37273-37279.	8.0	15
45	Homeostasis Imbalance of YY2 and YY1 Promotes Tumor Growth by Manipulating Ferroptosis. <i>Advanced Science</i> , 2022, 9, e2104836.	11.2	15
46	Highly Efficient Flexible Perovskite Solar Cells with Low Temperature TiO <sub>2</sub> Layer via UV/Ozone Photo-Annealing Treatment. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800669.	1.8	14
47	Pollutant first flush identification and its implications for urban runoff pollution control: a roof and road runoff case study in Beijing, China. <i>Water Science and Technology</i> , 2021, 83, 2829-2840.	2.5	14
48	Optimization of cerebral organoids: a more qualified model for Alzheimer's disease research. <i>Translational Neurodegeneration</i> , 2021, 10, 27.	8.0	14
49	Revealing the unfavorable role of superfluous CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> grain boundary traps in perovskite solar cells on carrier collection. <i>RSC Advances</i> , 2016, 6, 83264-83272.	3.6	13
50	Development of a mass spectrometry-based pseudotargeted metabolomics strategy to analyze hormone-stimulated gastric cancer cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113041.	2.8	13
51	Impacts of typical engineering nanomaterials on the response of rhizobacteria communities and rice ( <i>Oryza sativa</i> L.) growths in waterlogged antimony-contaminated soils. <i>Journal of Hazardous Materials</i> , 2022, 430, 128385.	12.4	13
52	Enhancing perovskite TFTs performance by optimizing the interface characteristics of metal/semiconductor contact. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 445101.	2.8	12
53	Single-Cell RNA Sequencing Analysis of Chicken Anterior Pituitary: A Bird's-Eye View on Vertebrate Pituitary. <i>Frontiers in Physiology</i> , 2021, 12, 562817.	2.8	12
54	Abiotic mediation of common ions on the co-exposure of CeO <sub>2</sub> NPs with Sb (III) or Sb (V) to Glycine max (Linn.) Merrill. (Soybean): Impacts on uptake, accumulation and physiochemical characters. <i>Environmental Pollution</i> , 2020, 267, 115594.	7.5	11

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55	Reduced defects and enhanced Vbi in perovskite absorbers through synergetic passivating effect using 4-methoxyphenylacetic acid. <i>Journal of Power Sources</i> , 2022, 518, 230734.	7.8	11
56	Biodegradable Microplastics Affect the Wheatgrass Traits, Fe Plaque Development Involved in Sb Accumulation, and Microbial Community Functions in Antimony-Contaminated Riparian Wetlands. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5847-5858.	6.7	11
57	NeuroD1 promotes tumor cell proliferation and tumorigenesis by directly activating the pentose phosphate pathway in colorectal carcinoma. <i>Oncogene</i> , 2021, 40, 6736-6747.	5.9	10
58	Acoustic Droplet Vitrification Method for High-Efficiency Preservation of Rare Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 12950-12959.	8.0	9
59	Matrine ameliorates cognitive deficits via inhibition of microglia mediated neuroinflammation in an Alzheimer's disease mouse model. <i>Die Pharmazie</i> , 2020, 75, 344-347.	0.5	9
60	Effects of high-boiling-point additive 2-Bromonaphthalene on polymer solar cells fabricated in ambient air. <i>Polymer Bulletin</i> , 2017, 74, 4515-4524.	3.3	8
61	Simultaneous determination of 24 free amino acids in MGC803 cells by hydrophilic interaction liquid chromatography with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1132, 121792.	2.3	7
62	Evaluating the metabolic functional profiles of the microbial community and alfalfa (Medicago) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 sediments. <i>Journal of Hazardous Materials</i> , 2021, 420, 126593.	12.4	7
63	BaZr0.9Y0.1O2.95/Na2SO4 composite with enhanced protonic conductivity. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009, 24, 269-272.	1.0	6
64	Effect of incorporation of highly ordered Ge:H nanoparticles on the performance of perovskite solar cells. <i>Micro and Nano Letters</i> , 2018, 13, 1111-1116.	1.3	6
65	Simultaneous determination of the novel anti-tumor candidate drug MDH-7 and 5-fluorouracil in rat plasma by LC-MS/MS: Application to pharmacokinetic interactions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 235-240.	2.3	6
66	Regulation of Pituitary Cocaine- and Amphetamine-Regulated Transcript Expression and Secretion by Hypothalamic Gonadotropin-Releasing Hormone in Chickens. <i>Frontiers in Physiology</i> , 2019, 10, 882.	2.8	6
67	Characterization of genomic alterations in Chinese colorectal cancer patients with liver metastases. <i>Journal of Translational Medicine</i> , 2021, 19, 313.	4.4	6
68	35.4: A 2.1-inch AMOLED Display Based on Metal-Induced Laterally Crystallized Polycrystalline Silicon Technology. <i>Digest of Technical Papers SID International Symposium</i> , 2004, 35, 1128.	0.3	5
69	The Effect of Annealing Pressure on Perovskite Films and Its Thin-Film Field-Effect Transistors' Performance. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900434.	1.8	5
70	Effect of Ti3C2Tx/PEDOT:PSS modified-separators on the electrochemical performance of Li-S batteries. <i>RSC Advances</i> , 2020, 10, 40276-40283.	3.6	5
71	Poor guideline adherence in type 1 diabetes education in real-world clinical practice: Evidence from a multicentre, national survey. <i>Patient Education and Counseling</i> , 2021, 104, 2740-2747.	2.2	5
72	In Situ Microreaction Platform Based on Acoustic Droplet Manipulation for Ultra-High-Precision Multiplex Bioassay. <i>Analytical Chemistry</i> , 2022, 94, 6347-6354.	6.5	5

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73	Crystallization of $^{114}\text{c-Si}$ on plastic substrate by using a pulsed double-frequency YAG laser. <i>Optoelectronics Letters</i> , 2008, 4, 213-216.	0.8	4
74	Synthesis and characterization of new aromatic esters based on 4,16-pregnadiene-6,20-dione skeleton. <i>Chemistry Central Journal</i> , 2010, 4, 18.	2.6	4
75	Hollow fiber membrane separation process in the presence of gaseous and particle impurities for post-combustion CO <sub>2</sub> capture. <i>International Journal of Green Energy</i> , 2017, 14, 15-23.	3.8	4
76	Correlating annealing temperature of ZnO nanoparticle electron transport layer with performance of inverted polymer solar cells. <i>Polymer Bulletin</i> , 2018, 75, 4397-4408.	3.3	4
77	Maximum power point tracking control using combined predictive controller for a wind energy conversion system with permanent magnet synchronous generator. , 2018, , .		4
78	Thin Film of TiO <sub>2</sub> ZnO Binary Mixed Nanoparticles as Electron Transport Layers in Low-Temperature Processed Perovskite Solar Cells. <i>Nano</i> , 2020, 15, 2050036.	1.0	4
79	Preparation and characterization of pH-responsive microgel using arabinoxylan from wheat bran for BSA delivery. <i>Food Chemistry</i> , 2021, 342, 128220.	8.2	4
80	Dimensional structure regulation of organic-inorganic hybrid perovskite and its application in thin film transistors. <i>Nanotechnology</i> , 2021, 32, 395704.	2.6	4
81	Development of a model to predict pathologic response to chemotherapy in patients with colorectal liver metastases. <i>Journal of Gastrointestinal Oncology</i> , 2021, 12, 1498-1508.	1.4	4
82	Surface-enhanced Raman spectroscopy analysis of mast cell degranulation induced by low-intensity laser. <i>IET Nanobiotechnology</i> , 2019, 13, 983-988.	3.8	4
83	Complicated curve association of body weight at diagnosis with C-peptide in children and adults with new-onset type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2020, 36, e3285.	4.0	3
84	The prognostic impact of resection margin status varies according to the genetic and morphological evaluation (GAME) score for colorectal liver metastasis. <i>Journal of Surgical Oncology</i> , 2021, 124, 619-626.	1.7	3
85	Investigation of 3D and 2D/3D heterojunction perovskite-based phototransistors. <i>Applied Physics Letters</i> , 2022, 120, 263501.	3.3	3
86	Design and application of automatic crude oil blending for refinery plants. , 2014, , .		2
87	Synthesis and characterization of biodegradable linear-hyperbranched barbell-like poly(ethylene Terephthalate). <i>Polymer International</i> , 2014, 63, 244-251.	3.1	2
88	A combined anti-disturbance strategy of DC-DC converter. , 2017, , .		2
89	An automated structured education intervention based on a smartphone app in Chinese patients with type 1 diabetes: a protocol for a single-blinded randomized controlled trial. <i>Trials</i> , 2020, 21, 944.	1.6	2
90	Post-annealing of solution-based metal-induced laterally crystallized poly-Si with triple-frequency YAG laser. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 351-354.	2.2	1

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91	The influence of Si precursor on poly-Si crystallized by YAG laser. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 620-623.	0.8	1
92	Preparation and electrochemical properties of SrCe <sub>0.4</sub> Zr <sub>0.4</sub> Yb <sub>0.2</sub> O <sub>2.9</sub> electrolyte. <i>Bulletin of Materials Science</i> , 2012, 35, 957-960.	1.7	1
93	Synthesis and characterization of new phenyl esters derived from 16-dehydropregnenolone acetate (16-DPA). <i>Research on Chemical Intermediates</i> , 2013, 39, 3887-3893.	2.7	1
94	The design of robust MIMO neural network disturbance observer for multi-variable system. , 2014, , .		1
95	Zirconium-mediated selective synthesis of 1,4-dialkyl(aryl)-hexa-substituted benzenes from two silyl-substituted alkynes and one internal alkyne. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 366-372.	2.6	1
96	Saikosaponins: A Review of Structures and Pharmacological Activities. <i>Natural Product Communications</i> , 2022, 17, 1934578X2210949.	0.5	1
97	P-60: The Performance Enhancement of the 2%YAG Laser-Crystallized Poly-Si Using a Back-side Self-Heating Layer of a-Si. <i>Digest of Technical Papers SID International Symposium</i> , 2010, 41, 1466.	0.3	0
98	Hydrogen passivation for the performance enhancement of poly-Si crystallized by double-frequency YAG laser. <i>Optoelectronics Letters</i> , 2010, 6, 288-290.	0.8	0
99	Metal induced crystallization of a-Si using a nano-layer of silicon oxide mask (MMIC). <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 608-611.	0.8	0
100	Ni-Si oxide as an inducing crystallization source for making poly-Si. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 612-615.	0.8	0
101	P-67: Investigation on the Hydrogen-Assisted Al Induced Metal Crystallization Poly-Si. <i>Digest of Technical Papers SID International Symposium</i> , 2011, 42, 1355-1357.	0.3	0
102	Study on the adsorption of Methylene blue by fly ash modified with activated sludge. , 2011, , .		0
103	A Study of the Post-hydrogenation Passivation Mechanism of Crystallized Poly-Si Films. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1321, 185.	0.1	0
104	The Role of H-Plasma in Aluminum Induced Crystallization of Amorphous Silicon. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1321, 191.	0.1	0
105	The role of H-plasma on aluminum-induced crystallization of amorphous silicon. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 116, 851-855.	2.3	0
106	Zirconium-mediated selective synthesis of quinoline derivatives. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 621-624.	2.6	0
107	Numerical Simulation of the Influence of the Gap State of a-Si:H on the Characteristics of a-Si:H p-i-n/OLED Coupling Device. <i>Materials Research Society Symposia Proceedings</i> , 2003, 762, 18181.	0.1	0
108	Thin film transistor based on two-dimensional organic-inorganic hybrid perovskite. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 198102.	0.5	0

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109	Saikogenin F From <i>Bupleurum smithii</i> Ameliorates Learning and Memory Impairment via Antiinflammation Effect in an Alzheimer's Disease Mouse Model. <i>Natural Product Communications</i> , 2022, 17, 1934578X2211110.	0.5	0