

# Jin Li

## List of Publications by Year in descending order

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103  
papers

2,050  
citations

279798

23  
h-index

276875

41  
g-index

105  
all docs

105  
docs citations

105  
times ranked

2282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical characterization of TiO <sub>2</sub> nanowires flexible scaffold by nano-indentation/scratch. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 126, 105069.	3.1	3
2	Evaluating diabetic ketoacidosis <i>via</i> a MOF sensor for fluorescence imaging of phosphate and pH. Chemical Communications, 2022, 58, 3023-3026.	4.1	12
3	Roburic Acid Targets TNF to Inhibit the NF- $\kappa$ B Signaling Pathway and Suppress Human Colorectal Cancer Cell Growth. Frontiers in Immunology, 2022, 13, 853165.	4.8	8
4	Carbon ion radiotherapy triggers immunogenic cell death and sensitizes melanoma to anti-PD-1 therapy in mice. Oncoimmunology, 2022, 11, 2057892.	4.6	27
5	Nilotinib inhibits osteoclastogenesis by blocking RANKL-RANK interaction and suppressing the AKT, MAPK, and NF- $\kappa$ B signaling pathways. Biomedicine and Pharmacotherapy, 2022, 149, 112902.	5.6	7
6	Ratiometric fluorescence biosensor for imaging of protein phosphorylation levels in atherosclerosis mice. Analytica Chimica Acta, 2022, 1208, 339825.	5.4	4
7	Denoising of magnetotelluric data using K $\hat{e}$ SVD dictionary training. Geophysical Prospecting, 2021, 69, 448-473.	1.9	17
8	Improving prediction for medical institution with limited patient data: Leveraging hospital-specific data based on multicenter collaborative research network. Artificial Intelligence in Medicine, 2021, 113, 102024.	6.5	6
9	Flexible, high-strength titanium nanowire for scaffold biomimetic periodontal membrane. Biosurface and Biotribology, 2021, 7, 23-29.	1.5	0
10	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
11	First experimental constraints on WIMP couplings in the effective field theory framework from CDEX. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	8
12	(-)-Epigallocatechin-3-gallate inhibits osteoclastogenesis by blocking RANKL-RANK interaction and suppressing NF- $\kappa$ B and MAPK signaling pathways. International Immunopharmacology, 2021, 95, 107464.	3.8	15
13	DysPIA: A Novel Dysregulated Pathway Identification Analysis Method. Frontiers in Genetics, 2021, 12, 647653.	2.3	2
14	Simulation and photoelectron track reconstruction of soft X-ray polarimeter. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	11
15	Gas Convection Affecting Surface Charge and Electric Field Distribution around Tri-post Insulators in $\pm$ 800 kV GIL. IEEE Transactions on Dielectrics and Electrical Insulation, 2021, 28, 1372-1379.	2.9	23
16	Process optimization of polyphenol oxidase immobilization: Isotherm, kinetic, thermodynamic and removal of phenolic compounds. International Journal of Biological Macromolecules, 2021, 185, 792-803.	7.5	10
17	Family trio-based sequencing in 404 sporadic bilateral hearing loss patients discovers recessive and De novo genetic variants in multiple ways. European Journal of Medical Genetics, 2021, 64, 104311.	1.3	3
18	Immobilization of polyphenol oxidase on chitosan/organic rectorite composites for phenolic compounds removal. Water Science and Technology, 2021, 83, 906-921.	2.5	5

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19	Ionizing radiation downregulates estradiol synthesis via endoplasmic reticulum stress and inhibits the proliferation of estrogen receptor-positive breast cancer cells. <i>Cell Death and Disease</i> , 2021, 12, 1029.	6.3	4
20	Carbon ion radiotherapy boosts anti-tumour immune responses by inhibiting myeloid-derived suppressor cells in melanoma-bearing mice. <i>Cell Death Discovery</i> , 2021, 7, 332.	4.7	16
21	Ionizing Radiation Upregulates Glutamine Metabolism and Induces Cell Death via Accumulation of Reactive Oxygen Species. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-22.	4.0	22
22	Structural and property changes of silk fibroin determined by an immunoassay during an artificial aging process. <i>Analytical Letters</i> , 2020, 53, 385-398.	1.8	0
23	Mutations in TOMM70 lead to multi-OXPHOS deficiencies and cause severe anemia, lactic acidosis, and developmental delay. <i>Journal of Human Genetics</i> , 2020, 65, 231-240.	2.3	23
24	Comparison of backslopping and two-stage fermentation methods for koumiss powder production based on chemical composition and nutritional properties. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1822-1826.	3.5	12
25	Caffeine Targets G6PDH to Disrupt Redox Homeostasis and Inhibit Renal Cell Carcinoma Proliferation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 556162.	3.7	5
26	Ellagic acid blocks RANKL-RANK interaction and suppresses RANKL-induced osteoclastogenesis by inhibiting RANK signaling pathways. <i>Chemico-Biological Interactions</i> , 2020, 331, 109235.	4.0	16
27	Immobilized polyphenol oxidase: Preparation, optimization and oxidation of phenolic compounds. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 233-244.	7.5	17
28	COX6B2 drives metabolic reprogramming toward oxidative phosphorylation to promote metastasis in pancreatic ductal cancer cells. <i>Oncogenesis</i> , 2020, 9, 51.	4.9	39
29	Network pharmacology strategy for revealing the pharmacological mechanism of pharmacokinetic target components of San-Ye-Tang-Zhi-Qing formula for the treatment of type 2 diabetes mellitus. <i>Journal of Ethnopharmacology</i> , 2020, 260, 113044.	4.1	12
30	A multicenter random forest model for effective prognosis prediction in collaborative clinical research network. <i>Artificial Intelligence in Medicine</i> , 2020, 103, 101814.	6.5	44
31	Association between mitochondrial DNA haplogroup variation and coronary artery disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 960-966.	2.6	3
32	Oxidation derivative of (-)-epigallocatechin-3-gallate (EGCG) inhibits RANKL-induced osteoclastogenesis by suppressing RANK signaling pathways in RAW 264.7 cells. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109237.	5.6	22
33	Migrant population is more vulnerable to the effect of air pollution on preterm birth: Results from a birth cohort study in seven Chinese cities. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 1047-1053.	4.3	19
34	Tailored monoclonal antibody as recognition probe of immunosensor for ultrasensitive detection of silk fibroin and use in the study of archaeological samples. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111709.	10.1	12
35	Interactions between $\beta$ -cyclodextrin and tea catechins, and potential anti-osteoclastogenesis activity of the $\beta$ -epigallocatechin-3-gallate- $\beta$ -cyclodextrin complex. <i>RSC Advances</i> , 2019, 9, 28006-28018.	3.6	5
36	Robust negative differential resistance and abnormal magnetoresistance effects in heteroatom-substituted zigzag $\beta$ -graphyne nanoribbon homojunctions. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1359-1369.	5.5	11

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37	The in-capillary- 2,2-azinobis-(3-ethylbenzothiazoline-6-sulfonic acid)-sweeping micellar electrokinetic chromatography - Diode array detector method for screening and quantifying trace natural antioxidants from Schisandra chinensis. <i>Journal of Chromatography A</i> , 2019, 1593, 147-155.	3.7	14
38	An in vitro comparison of the antioxidant activities of chitosan and green synthesized gold nanoparticles. <i>Carbohydrate Polymers</i> , 2019, 211, 161-172.	10.2	80
39	Spin-filtering and tunneling magnetoresistance effects in 6,6,12-graphyne-based molecular magnetic tunnel junctions. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2734-2742.	2.8	6
40	Expression of Zea mays transglutaminase in <i>Pichia pastoris</i> under different promoters and its impact on properties of acidified milk protein concentrate gel. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4518-4523.	3.5	7
41	Effect of caffeine on ovariectomy-induced osteoporosis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108650.	5.6	35
42	Anti-glycation and anti-hardening effects of microencapsulated mulberry polyphenols in high-protein-sugar ball models through binding with some glycation sites of whey proteins. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 10-19.	7.5	33
43	Size controllable one step synthesis of gold nanoparticles using carboxymethyl chitosan. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 770-783.	7.5	27
44	Study on cosmogenic activation in germanium detectors for future tonne-scale CDEX experiment. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	15
45	Performances of a prototype point-contact germanium detector immersed in liquid nitrogen for light dark matter search. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	11
46	Synthesis and Spectroscopy of Benzylamine-Substituted BODIPYs for Bioimaging. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2561-2571.	2.4	14
47	Simultaneous determination of columbianetin- $\beta$ -D-glucopyranoside and columbianetin in a biological sample by high-performance liquid chromatography with fluorescence detection and identification of other columbianetin- $\beta$ -D-glucopyranoside metabolites by ultra high-performance liquid chromatography coupled with quadrupole-time of flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 221-231.	2.8	9
48	A green ionic liquid-based vortex-forced MSPD method for the simultaneous determination of 5-HMF and iridoid glycosides from <i>Fructus Corni</i> by ultra-high performance liquid chromatography. <i>Food Chemistry</i> , 2018, 244, 190-196.	8.2	52
49	Oil geochemistry derived from the Qinjiatun-Qikeshu oilfields: insight from light hydrocarbons. <i>Acta Geochimica</i> , 2018, 37, 433-440.	1.7	1
50	Non-ionic detergent Triton X-114 Based vortex- synchronized matrix solid-phase dispersion method for the simultaneous determination of six compounds with various polarities from <i>Forsythiae Fructus</i> by ultra high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 59-66.	2.8	15
51	Modulate the direct-current and alternating-current transport properties of magnetic $\beta$ -graphyne heterojunctions by chemical modification. <i>Journal of Applied Physics</i> , 2018, 124, 084501.	2.5	2
52	Simultaneous determination of eight flavonoids in plasma using LC-MS/MS and application to a pharmacokinetic study after oral administration of <i>Pollen Typhae</i> extract to rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1044-1045, 158-165.	2.3	20
53	Prenatal exposure to drinking water disinfection by-products and DNA methylation in cord blood. <i>Science of the Total Environment</i> , 2017, 586, 313-318.	8.0	19
54	Engineering coenzyme A-dependent pathway from <i>Clostridium saccharobutylicum</i> in <i>Escherichia coli</i> for butanol production. <i>Bioresource Technology</i> , 2017, 235, 140-148.	9.6	5

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55	Seawater desalination with solar-energy-integrated vacuum membrane distillation system. <i>Journal of Water Reuse and Desalination</i> , 2017, 7, 16-24.	2.3	6
56	One pot synthesis of gold nanoparticles using chitosan with varying degree of deacetylation and molecular weight. <i>Carbohydrate Polymers</i> , 2017, 178, 105-114.	10.2	51
57	The China Jinping Underground Laboratory and Its Early Science. <i>Annual Review of Nuclear and Particle Science</i> , 2017, 67, 231-251.	10.2	73
58	New Discoveries of the Influence of Sedimentary Environment on Rearranged Hopanes in Source Rocks. <i>Acta Geologica Sinica</i> , 2017, 91, 747-748.	1.4	2
59	First results on $^{76}\text{Ge}$ neutrinoless double beta decay from CDEX-1 experiment. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017, 60, 1.	5.1	16
60	The design of time projection chamber for fission cross-section measurements. , 2016, , .		1
61	Metal-Free and Versatile Synthetic Routes to Natural and Synthetic Prodiginines from Boron Dipyrin. <i>Organic Letters</i> , 2016, 18, 5696-5699.	4.6	24
62	Synthesis, structure and properties of thiophene-fused BODIPYs and azaBODIPYs as near-infrared agents. <i>New Journal of Chemistry</i> , 2016, 40, 5966-5975.	2.8	31
63	High intensity ultrasound modified ovalbumin: Structure, interface and gelation properties. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 302-309.	8.2	193
64	Play or learn: European and American and Chinese kindergartners' perceptions about the conflict. <i>British Journal of Educational Psychology</i> , 2016, 86, 57-74.	2.9	9
65	A honeycomb composite of mollusca shell matrix and calcium alginate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 100-106.	5.0	11
66	Epidural Tube: A Useful Device in Sialendoscopy Operations. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 552-555.	1.2	7
67	Synthesis of ZnO and Ag Hybrids and Their Gas-Sensing Performance toward Ethanol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 8947-8953.	3.7	70
68	Cryogenic THGEM GPM for the readout of scintillation light from liquid argon. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 774, 120-126.	1.6	6
69	Conformation-Restricted Partially and Fully Fused BODIPY Dimers as Highly Stable Near-Infrared Fluorescent Dyes. <i>Organic Letters</i> , 2015, 17, 5360-5363.	4.6	61
70	SnS nanostructures prepared by simple film technique: catalyst-free vacuum thermal evaporation. <i>Micro and Nano Letters</i> , 2014, 9, 34-36.	1.3	1
71	A Correlation Study of Caffeine Content with Theobromine Content, cSNPs, and Transcriptional Expression of Three Genes in Tea Plants. <i>Crop Science</i> , 2014, 54, 1124-1132.	1.8	5
72	Introduction to the CDEX experiment. <i>Frontiers of Physics</i> , 2013, 8, 412-437.	5.0	80

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73	A clustering algorithm based on local competition and double-weight communication-energy-consumption for wireless sensor networks. , 2013, , .		2
74	Design of the tourism service WebGIS based on Silverlight. , 2013, , .		0
75	Adsorption and flocculation of bentonite by chitosan with varying degree of deacetylation and molecular weight. International Journal of Biological Macromolecules, 2013, 62, 4-12.	7.5	29
76	The characteristics of signals from nTPC and its application in background suppression. , 2013, , .		0
77	Measurement of cosmic ray flux in the China JinPing underground laboratory. Chinese Physics C, 2013, 37, 086001.	3.7	74
78	Study of VUV detector based on thinner THGEM for CDEX. , 2012, , .		1
79	A fast neutron spectrometer based on GEM-TPC. , 2012, , .		3
80	On Impact of the Different Models of Generation System to Power System Dynamic Security Region. , 2011, , .		0
81	The simulation studies of PC-HPGe detector. , 2011, , .		0
82	A cryogenic ultra-low noise CMOS preamplifier for point-contact HPGe detectors. , 2011, , .		2
83	Why attend school? Chinese immigrant and European American preschoolers' views and outcomes.. Developmental Psychology, 2010, 46, 1637-1650.	1.6	19
84	Q impact of load characteristic on dynamic security region of power system. , 2010, , .		2
85	Design of low phase noise LC VCO for UHF RFID reader. , 2009, , .		1
86	Mexican-American Studentsâ€™ Perceptions of Teachersâ€™ Expectations: Do Perceptions Differ Depending on Student Achievement Levels?. Urban Review, 2008, 40, 210-225.	1.6	15
87	Building and using a social network: Nurture for low-income Chinese American adolescents' learning. New Directions for Child and Adolescent Development, 2008, 2008, 9-25.	2.2	35
88	Performance study of a GEM-TPC prototype using cosmic rays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 596, 305-310.	1.6	9
89	Design of the Online Integral Dose Monitor System for BESIII EMC. Journal of Nuclear Science and Technology, 2008, 45, 253-255.	1.3	0
90	Studies on RPC position resolution with different surface resistivity of high voltage provider. , 2008, , .		3

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91	The influence of GEM readout detector gain on the spatial resolution of a GEM-TPC prototype. , 2008, , .		0
92	Study on the space dispersion of induced charge of resistive plate chamber. , 2008, , .		3
93	Immunoregulatory and Anti-Tumor Effects of <i>Polysaccharopeptide</i> and <i>Astragalus polysaccharides</i> on Tumor-Bearing Mice. Immunopharmacology and Immunotoxicology, 2008, 30, 771-782.	2.4	77
94	Study of a TPC prototype with GEM readout. , 2007, , .		2
95	A Multi-Channel Front-End ASIC for Pixellated Detectors. , 2006, , .		1
96	FETs Array Readout of GEM Detector. , 2006, , .		1
97	Self in Learning: Chinese Adolescents' Goals and Sense of Agency. Child Development, 2006, 77, 482-501.	3.0	72
98	Learning as a Task or a Virtue: U.S. and Chinese Preschoolers Explain Learning.. Developmental Psychology, 2004, 40, 595-605.	1.6	89
99	The core of Confucian learning.. American Psychologist, 2003, 58, 146-147.	4.2	101
100	SCINTILLATION CRYSTAL DETECTOR FOR LOW ENERGY NEUTRINO PHYSICS. , 2002, , .		0
101	RESEARCH PROGRAM OF THE TEXONO COLLABORATION: STATUS AND HIGHLIGHTS. , 2002, , .		0
102	SCINTILLATION CRYSTAL DETECTOR FOR LOW ENERGY NEUTRINO PHYSICS. Modern Physics Letters A, 2000, 15, 2011-2016.	1.2	13
103	Development of a new low-cost instrument for dynamic friction coefficient measurement of yarns based on the entanglement method. Journal of the Textile Institute, 0, , 1-12.	1.9	0