

# 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	High intensity ultrasound modified ovalbumin: Structure, interface and gelation properties. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 302-309.	8.2	193
2	The core of Confucian learning.. <i>American Psychologist</i> , 2003, 58, 146-147.	4.2	101
3	Learning as a Task or a Virtue: U.S. and Chinese Preschoolers Explain Learning.. <i>Developmental Psychology</i> , 2004, 40, 595-605.	1.6	89
4	Introduction to the CDEX experiment. <i>Frontiers of Physics</i> , 2013, 8, 412-437.	5.0	80
5	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
6	Immunoregulatory and Anti-Tumor Effects of <i>Polysaccharopeptide</i> and <i>Astragalus polysaccharides</i> on Tumor-Bearing Mice. <i>Immunopharmacology and Immunotoxicology</i> , 2008, 30, 771-782.	2.4	77
7	Measurement of cosmic ray flux in the China JinPing underground laboratory. <i>Chinese Physics C</i> , 2013, 37, 086001.	3.7	74
8	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
9	Self in Learning: Chinese Adolescents' Goals and Sense of Agency. <i>Child Development</i> , 2006, 77, 482-501.	3.0	72
10	Synthesis of ZnO&agrave;Ag Hybrids and Their Gas-Sensing Performance toward Ethanol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 8947-8953.	3.7	70
11	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
12	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
13	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
14	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
15	COX6B2 drives metabolic reprogramming toward oxidative phosphorylation to promote metastasis in pancreatic ductal cancer cells. <i>Oncogenesis</i> , 2020, 9, 51.	4.9	39
16	Calibration strategy of the JUNO experiment. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	39
17	Building and using a social network: Nurture for low-income Chinese American adolescents' learning. <i>New Directions for Child and Adolescent Development</i> , 2008, 2008, 9-25.	2.2	35
18	Effect of caffeine on ovariectomy-induced osteoporosis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108650.	5.6	35

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19	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
20	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
21	Adsorption and flocculation of bentonite by chitosan with varying degree of deacetylation and molecular weight. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 4-12.	7.5	29
22	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
23	Carbon ion radiotherapy triggers immunogenic cell death and sensitizes melanoma to anti-PD-1 therapy in mice. <i>Oncolmmunology</i> , 2022, 11, 2057892.	4.6	27
24	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
25	Mutations in TOMM70 lead to multi-OXPPOS deficiencies and cause severe anemia, lactic acidosis, and developmental delay. <i>Journal of Human Genetics</i> , 2020, 65, 231-240.	2.3	23
26	Gas Convection Affecting Surface Charge and Electric Field Distribution around Tri-post Insulators in $\pm 800$ kV GIL. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2021, 28, 1372-1379.	2.9	23
27	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
28	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
29	Simultaneous determination of eight flavonoids in plasma using LC-MS/MS and application to a pharmacokinetic study after oral administration of Pollen Typhae 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
30	Why attend school? Chinese immigrant and European American preschoolers' views and outcomes. <i>Developmental Psychology</i> , 2010, 46, 1637-1650.	1.6	19
31	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
32	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
33	Immobilized polyphenol oxidase: Preparation, optimization and oxidation of phenolic compounds. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 233-244.	7.5	17
34	Denosing of magnetotelluric data using $\text{K}^2$ -SVD dictionary training. <i>Geophysical Prospecting</i> , 2021, 69, 448-473.	1.9	17
35	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
36	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

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37	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
38	Mexican-American Students's™ Perceptions of Teachers's™ Expectations: Do Perceptions Differ Depending on Student Achievement Levels?. <i>Urban Review</i> , 2008, 40, 210-225.	1.6	15
39	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
40	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
41	(-)-Epigallocatechin-3-gallate inhibits osteoclastogenesis by blocking RANKL's RANK interaction and suppressing NF- $\kappa$ B and MAPK signaling pathways. <i>International Immunopharmacology</i> , 2021, 95, 107464.	3.8	15
42	Synthesis and Spectroscopy of Benzylamine's Substituted BODIPYs for Bioimaging. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2561-2571.	2.4	14
43	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 <i>Schisandra chinensis</i> . <i>Journal of Chromatography A</i> , 2019, 1593, 147-155.	3.7	14
44	SCINTILLATION CRYSTAL DETECTOR FOR LOW ENERGY NEUTRINO PHYSICS. <i>Modern Physics Letters A</i> , 2000, 15, 2011-2016.	1.2	13
45	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
46	Comparison of backslopping and two's 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
47	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
48	Evaluating diabetic ketoacidosis <i>via</i> a MOF sensor for fluorescence imaging of phosphate and pH. <i>Chemical Communications</i> , 2022, 58, 3023-3026.	4.1	12
49	A honeycomb composite of mollusca shell matrix and calcium alginate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 100-106.	5.0	11
50	Robust negative differential resistance and abnormal magnetoresistance effects in heteroatom-substituted zigzag $\text{I}^3$ -graphyne nanoribbon homojunctions. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1359-1369.	5.5	11
51	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
52	Simulation and photoelectron track reconstruction of soft X-ray polarimeter. <i>Nuclear Science and Techniques/Hewuli</i> , 2021, 32, 1.	3.4	11
53	Process optimization of polyphenol oxidase immobilization: Isotherm, kinetic, thermodynamic and removal of phenolic compounds. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 792-803.	7.5	10
54	Performance study of a GEM-TPC prototype using cosmic rays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 596, 305-310.	1.6	9

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55	Play or learn: European&American and Chinese kindergartners' perceptions about the conflict. <i>British Journal of Educational Psychology</i> , 2016, 86, 57-74.	2.9	9
56	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
57	First experimental constraints on WIMP couplings in the effective field theory framework from CDEX. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	8
58	Roburic Acid Targets TNF to Inhibit the NF- $\kappa$ B Signaling Pathway and Suppress Human Colorectal Cancer Cell Growth. <i>Frontiers in Immunology</i> , 2022, 13, 853165.	4.8	8
59	Epidural Tube: A Useful Device in Sialendoscopy Operations. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 552-555.	1.2	7
60	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
61	Niloticin inhibits osteoclastogenesis by blocking RANKL&RANK interaction and suppressing the AKT, MAPK, and NF- $\kappa$ B signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112902.	5.6	7
62	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
63	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
64	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
65	Improving prediction for medical institution with limited patient data: Leveraging hospital-specific data based on multicenter collaborative research network. <i>Artificial Intelligence in Medicine</i> , 2021, 113, 102024.	6.5	6
66	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
67	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
68	Interactions between $\beta$ -cyclodextrin and tea catechins, and potential anti-osteoclastogenesis activity of the ( $\alpha$ )-epigallocatechin-3-gallate& $\beta$ -cyclodextrin complex. <i>RSC Advances</i> , 2019, 9, 28006-28018.	3.6	5
69	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
70	Immobilization of polyphenol oxidase on chitosan/organic rectorite composites for phenolic compounds removal. <i>Water Science and Technology</i> , 2021, 83, 906-921.	2.5	5
71	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
72	Ratiometric fluorescence biosensor for imaging of protein phosphorylation levels in atherosclerosis mice. <i>Analytica Chimica Acta</i> , 2022, 1208, 339825.	5.4	4

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73	Studies on RPC position resolution with different surface resistivity of high voltage provider. , 2008, , .		3
74	Study on the space dispersion of induced charge of resistive plate chamber. , 2008, , .		3
75	A fast neutron spectrometer based on GEM-TPC. , 2012, , .		3
76	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
77	Association between mitochondrial DNA haplogroup variation and coronary artery disease. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 960-966.	2.6	3
78	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
79	Study of a TPC prototype with GEM readout. , 2007, , .		2
80	Q impact of load characteristic on dynamic security region of power system. , 2010, , .		2
81	A cryogenic ultra-low noise CMOS preamplifier for point-contact HPCe detectors. , 2011, , .		2
82	A clustering algorithm based on local competition and double-weight communication-energy-consumption for wireless sensor networks. , 2013, , .		2
83	New Discoveries of the Influence of Sedimentary Environment on Rearranged Hopanes in Source Rocks. Acta Geologica Sinica, 2017, 91, 747-748.	1.4	2
84	Modulate the direct-current and alternating-current transport properties of magnetic <sup>13</sup> C-graphyne heterojunctions by chemical modification. Journal of Applied Physics, 2018, 124, 084501.	2.5	2
85	DysPIA: A Novel Dysregulated Pathway Identification Analysis Method. Frontiers in Genetics, 2021, 12, 647653.	2.3	2
86	A Multi-Channel Front-End ASIC for Pixellated Detectors. , 2006, , .		1
87	FETs Array Readout of GEM Detector. , 2006, , .		1
88	Design of low phase noise LC VCO for UHF RFID reader. , 2009, , .		1
89	Study of VUV detector based on thinner THGEM for CDEX. , 2012, , .		1
90	SnS nanostructures prepared by simple film technique: catalyst-free vacuum thermal evaporation. Micro and Nano Letters, 2014, 9, 34-36.	1.3	1

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91	The design of time projection chamber for fission cross-section measurements. , 2016, , .		1
92	Oil geochemistry derived from the Qinjiatunâ€“Qikeshu oilfields: insight from light hydrocarbons. Acta Geochimica, 2018, 37, 433-440.	1.7	1
93	Design of the Online Integral Dose Monitor System for BESIII EMC. Journal of Nuclear Science and Technology, 2008, 45, 253-255.	1.3	0
94	The influence of GEM readout detector gain on the spatial resolution of a GEM-TPC prototype. , 2008, , .		0
95	On Impact of the Different Models of Generation System to Power System Dynamic Security Region. , 2011, , .		0
96	The simulation studies of PC-HPGe detector. , 2011, , .		0
97	Design of the tourism service WebGIS based on Silverlight. , 2013, , .		0
98	The characteristics of signals from nTPC and its application in background suppression. , 2013, , .		0
99	Structural and property changes of silk fibroin determined by an immunoassay during an artificial aging process. Analytical Letters, 2020, 53, 385-398.	1.8	0
100	Flexible, highâ€“strength titanium nanowire for scaffold biomimetic periodontal membrane. Biosurface and Biotribology, 2021, 7, 23-29.	1.5	0
101	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
102	SCINTILLATION CRYSTAL DETECTOR FOR LOW ENERGY NEUTRINO PHYSICS. , 2002, , .		0
103	RESEARCH PROGRAM OF THE TEXONO COLLABORATION: STATUS AND HIGHLIGHTS. , 2002, , .		0