

# Jian Jian Li

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

6,146  
citations

61857

43  
h-index

69108

77  
g-index

104  
all docs

104  
docs citations

104  
times ranked

9440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatty acid oxidation fuels glioblastoma radioresistance with CD47-mediated immune evasion. <i>Nature Communications</i> , 2022, 13, 1511.	5.8	77
2	Nuclear TIGAR mediates an epigenetic and metabolic autoregulatory loop via NRF2 in cancer therapeutic resistance. <i>Acta Pharmaceutica Sinica B</i> , 2021, , .	5.7	5
3	Low-Level Saturated Fatty Acid Palmitate Benefits Liver Cells by Boosting Mitochondrial Metabolism via CDK1-SIRT3-CPT2 Cascade. <i>Developmental Cell</i> , 2020, 52, 196-209.e9.	3.1	36
4	Dual blockade of CD47 and HER2 eliminates radioresistant breast cancer cells. <i>Nature Communications</i> , 2020, 11, 4591.	5.8	81
5	Rab25-Mediated EGFR Recycling Causes Tumor Acquired Radioresistance. <i>iScience</i> , 2020, 23, 100997.	1.9	9
6	Mitigating Coronavirus-Induced Acute Respiratory Distress Syndrome by Radiotherapy. <i>iScience</i> , 2020, 23, 101215.	1.9	12
7	Cell repopulation, rewiring metabolism, and immune regulation in cancer radiotherapy. <i>Radiation Medicine and Protection</i> , 2020, 1, 24-30.	0.4	3
8	Transformable peptide nanoparticles arrest HER2 signalling and cause cancer cell death in vivo. <i>Nature Nanotechnology</i> , 2020, 15, 145-153.	15.6	159
9	Multiple Dynamics in Tumor Microenvironment Under Radiotherapy. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1263, 175-202.	0.8	5
10	ROR $\beta$ is a targetable master regulator of cholesterol biosynthesis in a cancer subtype. <i>Nature Communications</i> , 2019, 10, 4621.	5.8	81
11	Dual blockage of STAT3 and ERK1/2 eliminates radioresistant GBM cells. <i>Redox Biology</i> , 2019, 24, 101189.	3.9	35
12	Extracellular Matrix Protein Tenascin C Increases Phagocytosis Mediated by CD47 Loss of Function in Glioblastoma. <i>Cancer Research</i> , 2019, 79, 2697-2708.	0.4	48
13	Immune targets in the tumor microenvironment treated by radiotherapy. <i>Theranostics</i> , 2019, 9, 1215-1231.	4.6	96
14	CPT1A/2-Mediated FAO Enhancement is a Metabolic Target in Radioresistant Breast Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1201.	1.3	91
15	Targeted Profiling of Heat Shock Proteome in Radioresistant Breast Cancer Cells. <i>Chemical Research in Toxicology</i> , 2019, 32, 326-332.	1.7	14
16	Cyclin B1/CDK1-regulated mitochondrial bioenergetics in cell cycle progression and tumor resistance. <i>Cancer Letters</i> , 2019, 443, 56-66.	3.2	107
17	Low level saturated fatty acid palmitate benefits liver cells by boosting mitochondrial homeostasis via CDK1-SIRT3-CPT2 cascade. <i>Free Radical Biology and Medicine</i> , 2018, 128, S96.	1.3	0
18	Combined STAT3 and ERK1/2 inhibition synergizes with radiation to eliminate radioresistant glioblastoma cells. <i>Free Radical Biology and Medicine</i> , 2018, 128, S76-S77.	1.3	0

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19	Unique Photochemo-Immuno-Nanoplatform against Orthotopic Xenograft Oral Cancer and Metastatic Syngeneic Breast Cancer. <i>Nano Letters</i> , 2018, 18, 7092-7103.	4.5	59
20	Cancer Stem Cells and Tumor Microenvironment in Radiotherapy. <i>Cancer Treatment and Research</i> , 2017, , 191-221.	0.2	0
21	Nanoparticles for live cell microscopy: A surface-enhanced Raman scattering perspective. <i>Scientific Reports</i> , 2017, 7, 4471.	1.6	43
22	Abstract LB-226: Dual inhibition of CD47 and HER2 to radiosensitize breast cancer cells. , 2017, , .		0
23	Very low doses of ionizing radiation and redox associated modifiers affect survivin-associated changes in radiation sensitivity. <i>Free Radical Biology and Medicine</i> , 2016, 99, 110-119.	1.3	12
24	Reprogramming metabolism by histone methyltransferase NSD2 drives endocrine resistance via coordinated activation of pentose phosphate pathway enzymes. <i>Cancer Letters</i> , 2016, 378, 69-79.	3.2	64
25	All-trans retinoic acids induce differentiation and sensitize a radioresistant breast cancer cells to chemotherapy. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 113.	3.7	49
26	Abstract 3043: Survivin-mediated radio-sensitization response in p53 mutant tumor cells. , 2016, , .		0
27	CDK1 Enhances Mitochondrial Bioenergetics for Radiation-Induced DNA Repair. <i>Cell Reports</i> , 2015, 13, 2056-2063.	2.9	83
28	Tumor Cells Switch to Mitochondrial Oxidative Phosphorylation under Radiation via mTOR-Mediated Hexokinase II Inhibition - A Warburg-Reversing Effect. <i>PLoS ONE</i> , 2015, 10, e0121046.	1.1	98
29	SIRT3 Enhances Glycolysis and Proliferation in SIRT3-Expressing Gastric Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0129834.	1.1	79
30	MKP1 mediates resistance to therapy in HER2-positive breast tumors. <i>Molecular and Cellular Oncology</i> , 2015, 2, e997518.	0.3	8
31	Profiling Global Kinome Signatures of the Radioresistant MCF-7/C6 Breast Cancer Cells Using MRM-based Targeted Proteomics. <i>Journal of Proteome Research</i> , 2015, 14, 193-201.	1.8	33
32	CDK4-mediated MnSOD activation and mitochondrial homeostasis in radioadaptive protection. <i>Free Radical Biology and Medicine</i> , 2015, 81, 77-87.	1.3	34
33	NF $\kappa$ B and Survivin-Mediated Radio-Adaptive Response. <i>Radiation Research</i> , 2015, 183, 391-397.	0.7	13
34	Enhanced anti-colon cancer immune responses with modified eEF2-derived peptides. <i>Cancer Letters</i> , 2015, 369, 112-123.	3.2	10
35	CDK1-Mediated SIRT3 Activation Enhances Mitochondrial Function and Tumor Radioresistance. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2090-2102.	1.9	87
36	The network of epithelial $\rightarrow$ mesenchymal transition: potential new targets for tumor resistance. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 1697-1713.	1.2	118

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37	Anthropomorphic Phantoms for Confirmation of Linear Accelerator-Based Small Animal Irradiation. <i>Cureus</i> , 2015, 7, e254.	0.2	14
38	Long-Term Live Cell Imaging of Breast Cancer Stem Cell Biomarkers Using Nanoparticle Labels. , 2015, , .		0
39	Hyaluronan-CD44 Interaction Promotes Oncogenic Signaling, microRNA Functions, Chemoresistance, and Radiation Resistance in Cancer Stem Cells Leading to Tumor Progression. <i>Advances in Cancer Research</i> , 2014, 123, 255-275.	1.9	110
40	Mitochondrial MKP1 Is a Target for Therapy-Resistant HER2-Positive Breast Cancer Cells. <i>Cancer Research</i> , 2014, 74, 7498-7509.	0.4	45
41	Autologous Tumor Lysate-Pulsed Dendritic Cell Immunotherapy with Cytokine-Induced Killer Cells Improves Survival in Gastric and Colorectal Cancer Patients. <i>PLoS ONE</i> , 2014, 9, e93886.	1.1	81
42	Breast cancer adaptive resistance: HER2 and cancer stem cell repopulation in a heterogeneous tumor society. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1-14.	1.2	60
43	Breast cancer stem cells: Multiple capacities in tumor metastasis. <i>Cancer Letters</i> , 2014, 349, 1-7.	3.2	156
44	Cyclin B1/Cdk1 Coordinates Mitochondrial Respiration for Cell-Cycle G2/M Progression. <i>Developmental Cell</i> , 2014, 29, 217-232.	3.1	292
45	Cell Cycle Regulators Guide Mitochondrial Activity in Radiation-Induced Adaptive Response. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1463-1480.	2.5	36
46	Kinesin Family Deregulation Coordinated by Bromodomain Protein ANCCA and Histone Methyltransferase MLL for Breast Cancer Cell Growth, Survival, and Tamoxifen Resistance. <i>Molecular Cancer Research</i> , 2014, 12, 539-549.	1.5	152
47	MnSOD in Oxidative Stress Response-Potential Regulation via Mitochondrial Protein Influx. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1599-1617.	2.5	250
48	Blocking the formation of radiation-induced breast cancer stem cells. <i>Oncotarget</i> , 2014, 5, 3743-3755.	0.8	92
49	Abstract 2812: The clinical effects of dendritic cell and cytokine-induced killer cell therapy for lung cancer after surgery. , 2014, , .		0
50	Abstract 5107: The role of PERIOD2 for radioprotection against ionizing radiation in mice bone marrow. , 2014, , .		0
51	Abstract 3025: HER2/Stat3 signaling mediated radioresistance in U87 glioma cancer cells through suppressed apoptosis and enhanced glycolysis. , 2014, , .		0
52	Abstract 861: Survivin-mediated adaptive response: a risk factor for IGRT. , 2014, , .		0
53	Abstract 3029: MKP1-mediated survival of HER2 positive breast cancer stem cells. , 2014, , .		0
54	A Survivin-Associated Adaptive Response in Radiation Therapy. <i>Cancer Research</i> , 2013, 73, 4418-4428.	0.4	45

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55	A Manganese Superoxide Dismutase (SOD2)-Mediated Adaptive Response. <i>Radiation Research</i> , 2013, 179, 115-124.	0.7	29
56	Comparing radiation toxicities across species: An examination of radiation effects in <i>Mus musculus</i> and <i>Peromyscus leucopus</i> . <i>International Journal of Radiation Biology</i> , 2013, 89, 391-400.	1.0	6
57	CyclinB1/Cdk1 phosphorylates mitochondrial antioxidant MnSOD in cell adaptive response to radiation stress. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 166-175.	1.5	67
58	The role of radiotherapy-resistant stem cells in breast cancer recurrence. <i>Breast Cancer Management</i> , 2013, 2, 89-92.	0.2	15
59	Enhanced radiation response in radioresistant MCF-7 cells by targeting peroxiredoxin II. <i>Breast Cancer: Targets and Therapy</i> , 2013, 5, 87.	1.0	8
60	Abstract 4963: The dynamic change of CD47 expression promotes tumor burden, metastases and resistance of breast cancer cells to radiotherapy.. <i>Cancer Research</i> , 2013, 73, 4963-4963.	0.4	10
61	Abstract 74: Mitochondrial MKP1-mediated radioresistance in breast cancer stem cells.. , 2013, , .		0
62	Abstract 444: Mitochondrial metabolism and phosphorylation of Stat3 in radioresistant cancer stem cells isolated from glioma U87 cells.. , 2013, , .		0
63	Molecular mechanisms and treatment of radiation-induced lung fibrosis. <i>Current Drug Targets</i> , 2013, 14, 1347-56.	1.0	98
64	Cancer Stem Cells and Radiotherapy. <i>Medical Radiology</i> , 2012, , 49-57.	0.0	0
65	Manganese superoxide dismutase interacts with a large scale of cellular and mitochondrial proteins in low-dose radiation-induced adaptive radioprotection. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1838-1847.	1.3	31
66	HER2-Associated Radioresistance of Breast Cancer Stem Cells Isolated from HER2-Negative Breast Cancer Cells. <i>Clinical Cancer Research</i> , 2012, 18, 6634-6647.	3.2	183
67	mTOR Switches Aerobic Glycolysis to Oxidative Phosphorylation in Cellular Bioenergetics Under Radiation. <i>Free Radical Biology and Medicine</i> , 2012, 53, S46.	1.3	0
68	Phosphorylation of MnSOD Protein at Serine-106 by Mitochondrial CyclinD1/CDK4 Enhances MnSOD Enzymatic Activity in Radiation-Induced Adaptive Response. <i>Free Radical Biology and Medicine</i> , 2012, 53, S110.	1.3	0
69	Potential use of nucleic acid-based agents in the sensitization of nasopharyngeal carcinoma to radiotherapy. <i>Cancer Letters</i> , 2012, 323, 1-10.	3.2	20
70	Abstract 5724: HER2-mediated resistance of breast cancer stem cells in HER2-negative/low breast cancer. , 2012, , .		0
71	SOD2-Mediated Effects Induced by WR1065 and Low-Dose Ionizing Radiation on Micronucleus Formation in RKO Human Colon Carcinoma Cells. <i>Radiation Research</i> , 2011, 175, 57-65.	0.7	18
72	Germline Stem Cell Gene PIWIL2 Mediates DNA Repair through Relaxation of Chromatin. <i>PLoS ONE</i> , 2011, 6, e27154.	1.1	46

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73	Identification of Piwil2-Like (PL2L) Proteins that Promote Tumorigenesis. PLoS ONE, 2010, 5, e13406.	1.1	73
74	Effects of radiation on tumor hemodynamics and NF-kappaB in breast tumors. , 2010, , .		0
75	Cyclin B1/Cdk1 Phosphorylation of Mitochondrial p53 Induces Anti-Apoptotic Response. PLoS ONE, 2010, 5, e12341.	1.1	49
76	Proapoptotic Function of Integrin $\beta$ 3 in Human Hepatocellular Carcinoma Cells. Clinical Cancer Research, 2009, 15, 60-69.	3.2	37
77	NF- $\kappa$ B-Mediated <i>HER2</i> Overexpression in Radiation-Adaptive Resistance. Radiation Research, 2009, 171, 9-21.	0.7	148
78	Coactivation of ATM/ERK/NF- $\kappa$ B in the low-dose radiation-induced radioadaptive response in human skin keratinocytes. Free Radical Biology and Medicine, 2009, 46, 1543-1550.	1.3	42
79	NF- $\kappa$ B-mediated adaptive resistance to ionizing radiation. Free Radical Biology and Medicine, 2008, 44, 1-13.	1.3	200
80	Mitogen-activated Protein Kinase Phosphatase-1 Represses c-Jun NH2-terminal Kinase-mediated Apoptosis via NF- $\kappa$ B Regulation. Journal of Biological Chemistry, 2008, 283, 21011-21023.	1.6	40
81	Maintenance of Manganese Superoxide Dismutase ( <i>SOD2</i> )-Mediated Delayed Radioprotection Induced by Repeated Administration of the Free Thiol Form of Amifostine. Radiation Research, 2008, 169, 495-505.	0.7	32
82	ATM-NF- $\kappa$ B Connection as a Target for Tumor Radiosensitization. Current Cancer Drug Targets, 2007, 7, 335-342.	0.8	61
83	Nuclear Factor- $\kappa$ B and Manganese Superoxide Dismutase Mediate Adaptive Radioresistance in Low-Dose Irradiated Mouse Skin Epithelial Cells. Cancer Research, 2007, 67, 3220-3228.	0.4	93
84	Therapeutic effects of alpha-lipoic acid on bleomycin-induced pulmonary fibrosis in rats. International Journal of Molecular Medicine, 2007, 19, 865-73.	1.8	19
85	The role of NBS1 in the modulation of PIKK family proteins ATM and ATR in the cellular response to DNA damage. Cancer Letters, 2006, 243, 9-15.	3.2	35
86	Mutual regulation of c-Jun and ATF2 by transcriptional activation and subcellular localization. EMBO Journal, 2006, 25, 1058-1069.	3.5	96
87	Nuclear Factor- $\kappa$ B p65 Inhibits Mitogen-Activated Protein Kinase Signaling Pathway in Radioresistant Breast Cancer Cells. Molecular Cancer Research, 2006, 4, 945-955.	1.5	83
88	HER-2 and NF-kappaB as the targets for therapy-resistant breast cancer. Anticancer Research, 2006, 26, 4235-43.	0.5	51
89	The Role of Peroxiredoxin II in Radiation-Resistant MCF-7 Breast Cancer Cells. Cancer Research, 2005, 65, 10338-10346.	0.4	91
90	Co-activation of ERK, NF- $\kappa$ B, and GADD45 $\beta$ in Response to Ionizing Radiation. Journal of Biological Chemistry, 2005, 280, 12593-12601.	1.6	65

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91	p53 Activation in Chronic Radiation-Treated Breast Cancer Cells. <i>Cancer Research</i> , 2004, 64, 221-228.	0.4	30
92	Expression of ErbB2 enhances radiation-induced NF- $\kappa$ B activation. <i>Oncogene</i> , 2004, 23, 535-545.	2.6	87
93	Metabolic oxidation/reduction reactions and cellular responses to ionizing radiation: A unifying concept in stress response biology. <i>Cancer and Metastasis Reviews</i> , 2004, 23, 311-322.	2.7	584
94	Delayed Radioprotection by NF- $\kappa$ B-Mediated Induction of Sod2 (MnSOD) in SA-NH Tumor Cells after Exposure to Clinically Used Thiol-Containing Drugs. <i>Radiation Research</i> , 2004, 162, 536-546.	0.7	74
95	Response of cyclin B1 to ionizing radiation: regulation by NF- $\kappa$ B and mitochondrial antioxidant enzyme MnSOD. <i>Anticancer Research</i> , 2004, 24, 2657-63.	0.5	29
96	BZLF1 controlled by family repeat domain induces lytic cytotoxicity in Epstein-Barr virus-positive tumor cells. <i>Anticancer Research</i> , 2004, 24, 67-74.	0.5	8
97	Manganese Superoxide Dismutase-Mediated Gene Expression in Radiation-Induced Adaptive Responses. <i>Molecular and Cellular Biology</i> , 2003, 23, 2362-2378.	1.1	263
98	The role of NF- $\kappa$ B in the regulation of cell stress responses. <i>International Immunopharmacology</i> , 2002, 2, 1509-1520.	1.7	298
99	STAT3 activation is required for interleukin-6 induced transformation in tumor-promotion sensitive mouse skin epithelial cells. <i>Oncogene</i> , 2002, 21, 3949-3960.	2.6	40
100	Relationship between thermal tolerance and protein degradation in temperature-sensitive mouse cells. <i>Journal of Cellular Physiology</i> , 1992, 151, 310-317.	2.0	5
101	Circadian Protein PERIOD 2 Regulates Adaptive Radioprotection via PER2/pGSK3 $\beta$ - $\beta$ -Catenin/Per2 Loop. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0