Xin Jiang

List of Publications by Year in descending order

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86 papers	2,950 citations	185998 28 h-index	189595 50 g-index
88 all docs	88 docs citations	88 times ranked	4024 citing authors

#	Article	IF	Citations
1	The role of short-chain fatty acids in intestinal barrier function, inflammation, oxidative stress, and colonic carcinogenesis. Pharmacological Research, 2021, 165, 105420.	3.1	245
2	Role of the gut microbiota in type 2 diabetes and related diseases. Metabolism: Clinical and Experimental, 2021, 117, 154712.	1.5	152
3	Sulforaphane prevents angiotensin II-induced cardiomyopathy by activation of Nrf2 via stimulating the Akt/GSK-3ÂŸ/Fyn pathway. Redox Biology, 2018, 15, 405-417.	3.9	140
4	Targeting hypoxia in the tumor microenvironment: a potential strategy to improve cancer immunotherapy. Journal of Experimental and Clinical Cancer Research, 2021, 40, 24.	3.5	137
5	Radiation-induced heart disease: a review of classification, mechanism and prevention. International Journal of Biological Sciences, 2019, 15, 2128-2138.	2.6	133
6	The role of the Nrf2/Keap1 pathway in obesity and metabolic syndrome. Reviews in Endocrine and Metabolic Disorders, 2015, 16, 35-45.	2.6	108
7	Radiation-induced skin reactions: mechanism and treatment. Cancer Management and Research, 2019, Volume 11, 167-177.	0.9	101
8	Anticancer Activity of Sulforaphane: The Epigenetic Mechanisms and the Nrf2 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	99
9	Radiation-Induced Normal Tissue Damage: Oxidative Stress and Epigenetic Mechanisms. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	1.9	92
10	Liquiritin induces apoptosis and autophagy in cisplatin (DDP)-resistant gastric cancer cells in vitro and xenograft nude mice in vivo. International Journal of Oncology, 2017, 51, 1383-1394.	1.4	83
11	Inhibitory effect of ginsenoside Rg3 on ovarian cancer metastasis. Chinese Medical Journal, 2008, 121, 1394-1397.	0.9	79
12	Intravenous delivery of adipose-derived mesenchymal stromal cells attenuates acute radiation-induced lung injury in rats. Cytotherapy, 2015, 17, 560-570.	0.3	77
13	Protective effect of FGF21 on type 1 diabetes-induced testicular apoptotic cell death probably via both mitochondrial- and endoplasmic reticulum stress-dependent pathways in the mouse model. Toxicology Letters, 2013, 219, 65-76.	0.4	75
14	Salt-inducible Kinase (SIK1) regulates HCC progression and WNT/Î²-catenin activation. Journal of Hepatology, 2016, 64, 1076-1089.	1.8	75
15	Chemopreventive activity of sulforaphane. Drug Design, Development and Therapy, 2018, Volume 12, 2905-2913.	2.0	74
16	Protection by sulforaphane from type 1 diabetes-induced testicular apoptosis is associated with the up-regulation of Nrf2 expression and function. Toxicology and Applied Pharmacology, 2014, 279, 198-210.	1.3	73
17	The anti-fibrotic effects of mesenchymal stem cells on irradiated lungs via stimulating endogenous secretion of HGF and PGE2. Scientific Reports, 2015, 5, 8713.	1.6	73
18	Inhibitory effect of ginsenoside Rg3 combined with cyclophosphamide on growth and angiogenesis of ovarian cancer. Chinese Medical Journal, 2007, 120, 584-588.	0.9	71

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19	Insulin-Producing Cells Differentiated from Human Bone Marrow Mesenchymal Stem Cells In Vitro Ameliorate Streptozotocin-Induced Diabetic Hyperglycemia. PLoS ONE, 2016, 11, e0145838.	1.1	57
20	ER Stress and Autophagy Dysfunction Contribute to Fatty Liver in Diabetic Mice. International Journal of Biological Sciences, 2015, 11, 559-568.	2.6	54
21	Targeting the BDNF/TrkB pathway for the treatment of tumors (Review). Oncology Letters, 2019, 17, 2031-2039.	0.8	54
22	The role of NLRP3 inflammasome activation in radiation damage. Biomedicine and Pharmacotherapy, 2019, 118, 109217.	2.5	50
23	TAM Receptors Support Neural Stem Cell Survival, Proliferation and Neuronal Differentiation. PLoS ONE, 2014, 9, e115140.	1.1	49
24	Radiationâ€induced myocardial fibrosis: Mechanisms underlying its pathogenesis and therapeutic strategies. Journal of Cellular and Molecular Medicine, 2020, 24, 7717-7729.	1.6	45
25	The Protective Effect of FGF21 on Diabetes-Induced Male Germ Cell Apoptosis Is Associated With Up-Regulated Testicular AKT and AMPK/Sirt1/PGC-1Î± Signaling. Endocrinology, 2015, 156, 1156-1170.	1.4	42
26	Advances in pathogenic mechanisms and management of radiation-induced fibrosis. Biomedicine and Pharmacotherapy, 2020, 121, 109560.	2.5	38
27	Effect of Early Nutrition Intervention on Advanced Nasopharyngeal Carcinoma Patients Receiving Chemoradiotherapy. Journal of Cancer, 2019, 10, 3650-3656.	1.2	36
28	Therapeutic potential of PACAP for neurodegenerative diseases. Cellular and Molecular Biology Letters, 2015, 20, 265-78.	2.7	33
29	Role and toxicity of radiation therapy in neuroblastoma patients: A literature review. Critical Reviews in Oncology/Hematology, 2020, 149, 102924.	2.0	32
30	Transplantation of Bone Marrow Mesenchymal Stem Cells Prevents Radiation-Induced Artery Injury by Suppressing Oxidative Stress and Inflammation. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13.	1.9	27
31	Antitumor activity of ginsenoside Rg3 in melanoma through downregulation of the ERK and Akt pathways. International Journal of Oncology, 2019, 54, 2069-2079.	1.4	27
32	Vascular normalization in immunotherapy: A promising mechanisms combined with radiotherapy. Biomedicine and Pharmacotherapy, 2021, 139, 111607.	2.5	27
33	Status of Treatment and Prophylaxis for Radiation-Induced Oral Mucositis in Patients With Head and Neck Cancer. Frontiers in Oncology, 2021, 11, 642575.	1.3	26
34	Sulforaphane-Mediated Nrf2 Activation Prevents Radiation-Induced Skin Injury through Inhibiting the Oxidative-Stress-Activated DNA Damage and NLRP3 Inflammasome. Antioxidants, 2021, 10, 1850.	2.2	26
35	The Roles of Fibroblast Growth Factors in the Testicular Development and Tumor. Journal of Diabetes Research, 2013, 2013, 1-8.	1.0	25
36	Sulforaphane prevents angiotensin IIâ€induced cardiomyopathy by activation of Nrf2 through epigenetic modification. Journal of Cellular and Molecular Medicine, 2021, 25, 4408-4419.	1.6	24

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37	Progress and prospect in tumor treating fields treatment of glioblastoma. Biomedicine and Pharmacotherapy, 2021, 141, 111810.	2.5	21
38	Effects of Zn deficiency, antioxidants, and low-dose radiation on diabetic oxidative damage and cell death in the testis. Toxicology Mechanisms and Methods, 2013, 23, 42-47.	1.3	20
39	Effects of early nutritional intervention on oral mucositis in patients with radiotherapy for head and neck cancer. QJM - Monthly Journal of the Association of Physicians, 2020, 113, 37-42.	0.2	20
40	Immunotherapy Advances in Locally Advanced and Recurrent/Metastatic Head and Neck Squamous Cell Carcinoma and Its Relationship With Human Papillomavirus. Frontiers in Immunology, 2021, 12, 652054.	2.2	20
41	Stepwise preconditioning enhances mesenchymal stem cell-based cartilage regeneration through epigenetic modification. Osteoarthritis and Cartilage, 2017, 25, 1541-1550.	0.6	18
42	Prospective Application of Ferroptosis in Hypoxic Cells for Tumor Radiotherapy. Antioxidants, 2022, 11, 921.	2.2	18
43	TheMagnoliaBioactive Constituent 4-O-Methylhonokiol Protects against High-Fat Diet-Induced Obesity and Systemic Insulin Resistance in Mice. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10.	1.9	16
44	Low dose radiation prevents doxorubicin-induced cardiotoxicity. Oncotarget, 2018, 9, 332-345.	0.8	16
45	Application of auto-planning in radiotherapy for breast cancer after breast-conserving surgery. Scientific Reports, 2020, 10, 10927.	1.6	13
46	The Effects of Early Nutritional Intervention on Oral Mucositis and Nutritional Status of Patients With Head and Neck Cancer Treated With Radiotherapy. Frontiers in Oncology, 2020, 10, 595632.	1.3	13
47	Research progress on mechanism and imaging of temporal lobe injury induced by radiotherapy for head and neck cancer. European Radiology, 2022, 32, 319-330.	2.3	13
48	YAP/TAZ: a promising target for squamous cell carcinoma treatment . Cancer Management and Research, 2019, Volume 11, 6245-6252.	0.9	12
49	Role of human papillomavirus in laryngeal squamous cell carcinoma: A metaâ€analysis of cohort study. Cancer Medicine, 2020, 9, 204-214.	1.3	12
50	Feasibility of Immunohistochemical p16 Staining in the Diagnosis of Human Papillomavirus Infection in Patients With Squamous Cell Carcinoma of the Head and Neck: A Systematic Review and Meta-Analysis. Frontiers in Oncology, 2020, 10, 524928.	1.3	12
51	Advances in radiotherapy and comprehensive treatment of high-grade glioma: immunotherapy and tumor-treating fields. Journal of Cancer, 2021, 12, 1094-1104.	1.2	12
52	Mechanism and Protection of Radiotherapy Induced Sensorineural Hearing Loss for Head and Neck Cancer. BioMed Research International, 2021, 2021, 1-10.	0.9	12
53	Medical prevention and treatment of radiation-induced carotid injury. Biomedicine and Pharmacotherapy, 2020, 131, 110664.	2.5	11
54	Mechanism, Prevention, and Treatment of Radiation-Induced Salivary Gland Injury Related to Oxidative Stress. Antioxidants, 2021, 10, 1666.	2.2	11

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55	Efficacy and safety of systemic treatments for patients with recurrent/metastatic head and neck squamous cell carcinoma: A systematic review and network meta-analysis. Pharmacological Research, 2021, 173, 105866.	3.1	10
56	Molecular mechanisms underlying increased radiosensitivity in human papillomavirus-associated oropharyngeal squamous cell carcinoma. International Journal of Biological Sciences, 2020, 16, 1035-1043.	2.6	9
57	A Bioadhesive Barrier-Forming Oral Liquid Gel Improved Oral Mucositis and Nutritional Status in Patients With Head and Neck Cancers Undergoing Radiotherapy: A Retrospective Single Center Study. Frontiers in Oncology, 2021, 11, 617392.	1.3	9
58	An indispensable tool: Exosomes play a role in therapy for radiation damage. Biomedicine and Pharmacotherapy, 2021, 137, 111401.	2.5	9
59	5-aza-2â€²-deoxycytidine promotes migration of acute monocytic leukemia cells via activation of CCL2-CCR2-ERK signaling pathway. Molecular Medicine Reports, 2017, 16, 1417-1424.	1.1	7
60	Numerical Simulations of femtosecond-laser-induced dynamic alignment of molecules in the high-frequency off-resonance regime. Laser Physics, 2006, 16, 1672-1680.	0.6	6
61	Iterative type I polyketide synthases involved in enediyne natural product biosynthesis. IUBMB Life, 2014, 66, 587-595.	1.5	6
62	Preventive effect of non-mitogenic acidic fibroblast growth factor on diabetes-induced testicular cell death. Reproductive Toxicology, 2014, 49, 136-144.	1.3	6
63	p62 Promotes the Mitochondrial Localization of p53 through Its UBA Domain and Participates in Regulating the Sensitivity of Ovarian Cancer Cells to Cisplatin. International Journal of Molecular Sciences, 2022, 23, 3290.	1.8	6
64	Role of neurotrophin in the taste system following gustatory nerve injury. Metabolic Brain Disease, 2015, 30, 605-613.	1.4	5
65	Alveolar soft part sarcoma of the right calf. Medicine (United States), 2020, 99, e18952.	0.4	5
66	Targeting miR-148b-5p Inhibits Immunity Microenvironment and Gastric Cancer Progression. Frontiers in Immunology, 2021, 12, 590447.	2.2	5
67	Evaluation of Risk Factors for Laryngeal Squamous Cell Carcinoma: A Single-Center Retrospective Study. Frontiers in Oncology, 2021, 11, 606010.	1.3	4
68	Efficacy and Safety of Apatinib in Advanced Hepatocellular Carcinoma: A Multicenter Real World Retrospective Study. Frontiers in Pharmacology, 2022, 13, .	1.6	4
69	Altered fractionation radiotherapy with or without chemotherapy in the treatment of head and neck cancer: a network meta-analysis. OncoTargets and Therapy, 2018, Volume 11, 5465-5483.	1.0	3
70	Large-cell neuroendocrine carcinoma of nasal cavity and paranasal sinuses after successful curative therapy: a case report and literature review . OncoTargets and Therapy, 2019, Volume 12, 2975-2980.	1.0	3
71	Accelerated Hyperfractionated Radiotherapy versus Conventional Fractionation Radiotherapy for Head and Neck Cancer: A Meta-Analysis of Randomized Controlled Trials. Journal of Oncology, 2019, 2019, 1-9.	0.6	3
72	Epithelialâ€“myoepithelial carcinoma of the parotid gland with primary lung cancer. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	3

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73	Research progress on mechanism and dosimetry of brainstem injury induced by intensity-modulated radiotherapy, proton therapy, and heavy ion radiotherapy. European Radiology, 2020, 30, 5011-5020.	2.3	3
74	A meta-analysis of tumor necrosis factor-Î±-308 G>A polymorphism in gastric cancer. Asian Biomedicine, 2020, 14, 91-96.	0.2	3
75	Essential role of Nrf2 in sulforaphane-induced protection against angiotensin II-induced aortic injury. Life Sciences, 2022, 306, 120780.	2.0	3
76	Clinical value of three-dimensional conformal radiation therapy for postoperation cervix cancer. Chinese-German Journal of Clinical Oncology, 2008, 7, 237-240.	0.1	2
77	Diagenesis and High Quality Reservoir Forecast of the Qingshankou Sandstones in the Southern Songliao Basin of Northeast China. Petroleum Science and Technology, 2014, 32, 2038-2048.	0.7	2
78	Low-Dose Radiation Prevents Chemotherapy-Induced Cardiotoxicity. Current Stem Cell Reports, 2019, 5, 82-91.	0.7	1
79	Technical Note: Induced radioactivity in stereotactic body radiation therapy with a flatteningâ€filterâ€free 10 MV beam model. Medical Physics, 2021, 48, 2010-2017.	1.6	1
80	Prolonged survival following everolimus combined with temozolomide for metastatic malignant melanoma with FBXW7 mutation: a case report and literature review. Annals of Palliative Medicine, 2021, 10, 8340-8345.	0.5	1
81	Abstract 80: Activation of Nrf2 by Sulforaphane via the AKT/GSK-3Î²/Fyn Pathway Prevents Angiotensin II-induced Cardiomyopathy. Circulation Research, 2015, 117, .	2.0	1
82	Sulforaphane Prevents Angiotensin II-Induced Cardiomyopathy by Activation of Nrf2 Through Epigenetic Modification. SSRN Electronic Journal, 0, , .	0.4	1
83	Radiotherapy of granulomatosis with polyangiitis occurring in the eyelid. Medicine (United States), 2021, 100, e22794.	0.4	0
84	Efficacy and safety of systemic treatments for patients with recurrent/metastatic head and neck squamous cell carcinoma: A systematic review and network meta-analysis.. Journal of Clinical Oncology, 2021, 39, e18001-e18001.	0.8	0
85	Effect of early nutrition intervention on advanced nasopharyngeal carcinoma patients receiving chemoradiotherapy.. Journal of Clinical Oncology, 2019, 37, e17504-e17504.	0.8	0
86	Systematic quantitative evaluation of Plan-IQ for intensity-modulated radiation therapy after modified radical mastectomy. Scientific Reports, 2021, 11, 21879.	1.6	0