Mang Xiao

List of Publications by Year
in descending order

22 papers	521 citations	687363 13 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	512 citing authors

#	Article	IF	Citations
1	Pharmacological Countermeasures for the Acute Radiation Syndrome. Current Molecular Pharmacology, 2009, 2, 122-133.	1.5	74
2	Â-tocotrienol protects mouse and human hematopoietic progenitors from Â-irradiation through extracellular signal-regulated kinase/mammalian target of rapamycin signaling. Haematologica, 2010, 95, 1996-2004.	3.5	61
3	Circulating Interleukin-18 as a Biomarker of Total-Body Radiation Exposure in Mice, Minipigs, and Nonhuman Primates (NHP). PLoS ONE, 2014, 9, e109249.	2.5	55
4	Micro-RNA30c Negatively Regulates REDD1 Expression in Human Hematopoietic and Osteoblast Cells after Gamma-Irradiation. PLoS ONE, 2012, 7, e48700.	2.5	39
5	5-Androstenediol Promotes Survival of Î³-Irradiated Human Hematopoietic Progenitors through Induction of Nuclear Factor-Î°B Activation and Granulocyte Colony-Stimulating Factor Expression. Molecular Pharmacology, 2007, 72, 370-379.	2.3	38
6	Delta-Tocotrienol Suppresses Radiation-Induced MicroRNA-30 and Protects Mice and Human CD34+ Cells from Radiation Injury. PLoS ONE, 2015, 10, e0122258.	2.5	33
7	Delta-Tocotrienol Protects Mice from Radiation-Induced Gastrointestinal Injury. Radiation Research, 2013, 180, 649-657.	1.5	31
8	MicroRNA-30 inhibits antiapoptotic factor Mcl-1 in mouse and human hematopoietic cells after radiation exposure. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 708-720.	4.9	28
9	Role of NF-Î°B in hematopoietic niche function of osteoblasts after radiation injury. Experimental Hematology, 2009, 37, 52-64.	0.4	26
10	Effects of Low-to-Moderate Doses of Gamma Radiation on Mouse Hematopoietic System. Radiation Research, 2018, 190, 612.	1.5	24
11	The Role of Proinflammatory Cytokine Interleukin-18 in Radiation Injury. Health Physics, 2016, 111, 212-217.	0.5	22
12	Circulating IL-18 Binding Protein (IL-18BP) and IL-18 as Dual Biomarkers of Total-Body Irradiation in Mice. Radiation Research, 2016, 185, 375-383.	1.5	17
13	IL-18 binding protein (IL-18BP) as a novel radiation countermeasure after radiation exposure in mice. Scientific Reports, 2020, 10, 18674.	3.3	16
14	Urine Interleukin-18 (IL-18) as a Biomarker of Total-Body Irradiation: A Preliminary Study in Nonhuman Primates. Radiation Research, 2017, 188, 325.	1.5	11
15	PEG-G-CSF and L-Citrulline Combination Therapy for Mitigating Skin Wound Combined Radiation Injury in a Mouse Model. Radiation Research, 2021, 196, 113-127.	1.5	11
16	Identifying Circulating and Lung Tissue Cytokines Associated with Thoracic Irradiation and AEOL 10150 Treatment in a Nonhuman Primate Model. Radiation Research, 2020, 194, 81.	1.5	9
17	Female Mice are More Resistant to the Mixed-Field (67% Neutron + 33% Gamma) Radiation-Induced Injury in Bone Marrow and Small Intestine than Male Mice due to Sustained Increases in G-CSF and the Bcl-2/Bax Ratio and Lower miR-34a and MAPK Activation. Radiation Research, 2022, 198, .	1.5	9
18	AEOL 10150 Alleviates Radiation-induced Innate Immune Responses in Non-human Primate Lung Tissue. Health Physics, 2021, 121, 331-344.	0.5	6

#	Article	IF	Citations
19	GATA-type transcription factors play a vital role in radiation sensitivity of Cryptococcus neoformans by regulating the gene expression of specific amino acid permeases. Scientific Reports, 2019, 9, 6385.	3.3	4
20	Celebrating 60 Years of Accomplishments of the Armed Forces Radiobiology Research Institute1. Radiation Research, 2021, 196, 129-146.	1.5	4
21	Effects of 5-Androstenediol on Survival, Clonogenicity, and Expression of IL-6 and NFKB in Irradiated Human Osteoblast and Hematopoietic CD34+ Cells.. Blood, 2005, 106, 4269-4269.	1.4	2
22	Measuring radiation-induced DNA damage in Cryptococcus neoformans and Saccharomyces cerevisiae using long range quantitative PCR. PLoS ONE, 2018, 13, e0207071.	2.5	1