Juliann G Kiang

List of Publications by Year
in descending order

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Version: 2024-02-01

45 papers	5,877 citations	304602 22 h-index	243529 44 g-index
46 all docs	46 docs citations	46 times ranked	15038 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Wound Trauma Increases Radiation-Induced Mortality by Activation of iNOS Pathway and Elevation of Cytokine Concentrations and Bacterial Infection. Radiation Research, 2010, 173, 319-332.	0.7	101
3	Radiation: a poly-traumatic hit leading to multi-organ injury. Cell and Bioscience, 2019, 9, 25.	2.1	80
4	Biology of hypoxia. Chinese Journal of Physiology, 2006, 49, 223-33.	0.4	56
5	Inducible heat shock protein 70 kD and inducible nitric oxide synthase in hemorrhage/resuscitation-induced injury. Cell Research, 2004, 14, 450-459.	5.7	51
6	Wound trauma alters ionizing radiation dose assessment. Cell and Bioscience, 2012, 2, 20.	2.1	51
7	Ciprofloxacin Modulates Cytokine/Chemokine Profile in Serum, Improves Bone Marrow Repopulation, and Limits Apoptosis and Autophagy in Ileum after Whole Body Ionizing Irradiation Combined with Skin-Wound Trauma. PLoS ONE, 2013, 8, e58389.	1.1	50
8	Upâ€regulation of autophagy in small intestine Paneth cells in response to totalâ€body Î³â€irradiation. Journal of Pathology, 2009, 219, 242-252.	2.1	45
9	Pegylated G-CSF Inhibits Blood Cell Depletion, Increases Platelets, Blocks Splenomegaly, and Improves Survival after Whole-Body Ionizing Irradiation but Not after Irradiation Combined with Burn. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10.	1.9	45
10	Skin Injuries Reduce Survival and Modulate Corticosterone, C-Reactive Protein, Complement Component 3, IgM, and Prostaglandin E₂after Whole-Body Reactor-Produced Mixed Field (n +<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (id="M1 Medicine and Cellular Longevity, 2013, 2013, 1-10.	1.9	34
11	Ghrelin Therapy Improves Survival after Whole-Body Ionizing Irradiation or Combined with Burn or Wound: Amelioration of Leukocytopenia, Thrombocytopenia, Splenomegaly, and Bone Marrow Injury. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-12.	1.9	33
12	Inhibition of Inducible Nitric-Oxide Synthase Protects Human T Cells from Hypoxia-Induced Apoptosis. Molecular Pharmacology, 2008, 73, 738-747.	1.0	32
13	Geldanamycin Analog 17-DMAG Inhibits iNOS and Caspases in Gamma-Irradiated Human T Cells. Radiation Research, 2009, 172, 321-330.	0.7	32
14	Ciprofloxacin Increases Survival after Ionizing Irradiation Combined Injury. Health Physics, 2014, 106, 720-726.	0.3	28
15	Hemorrhage enhances cytokine, complement component 3, and caspase-3, and regulates microRNAs associated with intestinal damage after whole-body gamma-irradiation in combined injury. PLoS ONE, 2017, 12, e0184393.	1.1	28
16	Hemorrhage Exacerbates Radiation Effects on Survival, Leukocytopenia, Thrombopenia, Erythropenia, Bone Marrow Cell Depletion and Hematopoiesis, and Inflammation-Associated microRNAs Expression in Kidney. PLoS ONE, 2015, 10, e0139271.	1.1	27
17	Ciprofloxacin Enhances Stress Erythropoiesis in Spleen and Increases Survival after Whole-Body Irradiation Combined with Skin-Wound Trauma. PLoS ONE, 2014, 9, e90448.	1.1	27
18	Geldanamycin Analog 17-DMAG Limits Apoptosis in Human Peripheral Blood Cells by Inhibition of p53 Activation and its Interaction with Heat-Shock Protein 90 kDa after Exposure to Ionizing Radiation. Radiation Research, 2011, 176, 333-345.	0.7	25

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19	Radioprotective effects of oral 17-dimethylaminoethylamino-17-demethoxygeldanamycin in mice: bone marrow and small intestine. Cell and Bioscience, 2013, 3, 36.	2.1	25
20	Circulating Cytokine/Chemokine Concentrations Respond to Ionizing Radiation Doses but not Radiation Dose Rates: Granulocyte-Colony Stimulating Factor and Interleukin-18. Radiation Research, 2018, 189, 634-643.	0.7	25
21	Ghrelin, a novel therapy, corrects cytokine and NF-Î°B-AKT-MAPK network and mitigates intestinal injury induced by combined radiation and skin-wound trauma. Cell and Bioscience, 2020, 10, 63.	2.1	25
22	Brain Damage and Patterns of Neurovascular Disorder after Ionizing Irradiation. Complications in Radiotherapy and Radiation Combined Injury. Radiation Research, 2021, 196, 1-16.	0.7	25
23	Effects of Low-to-Moderate Doses of Gamma Radiation on Mouse Hematopoietic System. Radiation Research, 2018, 190, 612.	0.7	24
24	Autophagy and mitochondrial remodelling in mouse mesenchymal stromal cells challenged with Staphylococcus epidermidis. Journal of Cellular and Molecular Medicine, 2015, 19, 1133-1150.	1.6	23
25	Combined Therapy of Pegylated G-CSF and Alxn4100TPO Improves Survival and Mitigates Acute Radiation Syndrome after Whole-Body Ionizing Irradiation Alone and Followed by Wound Trauma. Radiation Research, 2017, 188, 556-570.	0.7	23
26	Geldanamycin prevents hemorrhage-induced ATP loss by overexpressing inducible HSP70 and activating pyruvate dehydrogenase. American Journal of Physiology - Renal Physiology, 2006, 291, G117-G127.	1.6	20
27	Bone Marrow Mesenchymal Stem Cells Increase Survival after Ionizing Irradiation Combined with Wound Trauma: Characterization and Therapy. Journal of Cell Science & Therapy, 2014, 05, .	0.3	20
28	Ciprofloxacin as a potential radio-sensitizer to tumor cells and a radio-protectant for normal cells: differential effects on Î³-H2AX formation, p53 phosphorylation, Bcl-2 production, and cell death. Molecular and Cellular Biochemistry, 2014, 393, 133-143.	1.4	20
29	Adult Mesenchymal Stem Cells and Radiation Injury. Health Physics, 2016, 111, 198-203.	0.3	20
30	Ghrelin Therapy Decreases Incidents of Intracranial Hemorrhage in Mice after Whole-Body Ionizing Irradiation Combined with Burn Trauma. International Journal of Molecular Sciences, 2017, 18, 1693.	1.8	19
31	Radiation Combined Injury: DNA Damage, Apoptosis, and Autophagy. Adaptive Medicine, 2010, 2, 1-10.	0.1	18
32	Geldanamycin inhibits hemorrhage-induced increases in caspase-3 activity: role of inducible nitric oxide synthase. Journal of Applied Physiology, 2007, 103, 1045-1055.	1.2	17
33	From tangled banks to toxic bunnies; a reflection on the issues involved in developing an ecosystem approach for environmental radiation protection. International Journal of Radiation Biology, 2022, 98, 1185-1200.	1.0	17
34	Thrombopoietin Receptor Agonist Mitigates Hematopoietic Radiation Syndrome and Improves Survival after Whole-Body Ionizing Irradiation Followed by Wound Trauma. Mediators of Inflammation, 2017, 2017, 1-13.	1.4	16
35	Captopril Increases Survival after Whole-Body Ionizing Irradiation but Decreases Survival when Combined with Skin-Burn Trauma in Mice. Radiation Research, 2015, 184, 273-279.	0.7	14
36	Ghrelin therapy mitigates bone marrow injury and splenocytopenia by sustaining circulating G-CSF and KC increases after irradiation combined with wound. Cell and Bioscience, 2018, 8, 27.	2.1	13

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37	Ciprofloxacin Therapy Results in Mitigation of ATP Loss after Irradiation Combined with Wound Trauma: Preservation of Pyruvate Dehydrogenase and Inhibition of Pyruvate Dehydrogenase Kinase 1. Radiation Research, 2015, 183, 684-692.	0.7	12
38	A review of the impact on the ecosystem after ionizing irradiation: wildlife population. International Journal of Radiation Biology, 2022, 98, 1054-1062.	1.0	12
39	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.	0.7	11
40	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, .	0.7	9
41	Skin wound trauma, following high-dose radiation exposure, amplifies and prolongs skeletal tissue loss. Bone, 2015, 81, 487-494.	1.4	7
42	Co-Therapy of Pegylated G-CSF and Ghrelin for Enhancing Survival After Exposure to Lethal Radiation. Frontiers in Pharmacology, 2021, 12, 628018.	1.6	7
43	Celebrating 60 Years of Accomplishments of the Armed Forces Radiobiology Research Institute1. Radiation Research, 2021, 196, 129-146.	0.7	4
44	Exacerbation of Mild Hypoxia on Acute Radiation Syndrome and Subsequent Mortality. Adaptive Medicine, 2017, 8, 28-33.	0.1	4
45	Mesenchymal stem cells and exosomes in tissue regeneration and remodeling. , 2021, , 159-185.		0