Joel S Greenberger

List of Publications by Year
in descending order

277	12,092	28274	32842
papers	citations	55 h-index	100 g-index

278	278	278	11644
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inactivation of RIP3 kinase sensitizes to 15LOX/PEBP1-mediated ferroptotic death. Redox Biology, 2022, 50, 102232.	9.0	15
2	P. aeruginosa augments irradiation injury via 15-lipoxygenaseâ€“catalyzed generation of 15-HpETE-PE and induction of theft-ferroptosis. JCI Insight, 2022, 7, .	5.0	14
3	Ionizing Radiation Induces Disc Annulus Fibrosus Senescence and Matrix Catabolism via MMP-Mediated Pathways. International Journal of Molecular Sciences, 2022, 23, 4014.	4.1	8
4	Lactobacillus reuteri Releasing IL-22 (LR-IL-22) Facilitates Intestinal Radioprotection for Whole-Abdomen Irradiation (WAI) of Ovarian Cancer. Radiation Research, 2022, 198, .	1.5	9
5	Intestinal Radiation Protection and Mitigation by Second-Generation Probiotic Lactobacillus-reuteri Engineered to Deliver Interleukin-22. International Journal of Molecular Sciences, 2022, 23, 5616.	4.1	11
6	MYC Promotes Bone Marrow Stem Cell Dysfunction in Fanconi Anemia. Cell Stem Cell, 2021, 28, 33-47.e8.	11.1	31
7	Inhibition of TGFÎ²1 and TGFÎ²3 promotes hematopoiesis in Fanconi anemia. Experimental Hematology, 2021, 93, 70-84.e4.	0.4	8
8	RE: Valstar et al., â€œThe tubarial salivary glands: A potential new organ at risk for radiotherapyâ€• Radiotherapy and Oncology, 2021, 154, 312-313.	0.6	6
9	Allogeneic Adipose-Derived Stem Cells Mitigate Acute Radiation Syndrome by the Rescue of Damaged Bone Marrow Cells from Apoptosis. Stem Cells Translational Medicine, 2021, 10, 1095-1114.	3.3	8
10	Fat Grafting in Radiation-Induced Soft-Tissue Injury: A Narrative Review of the Clinical Evidence and Implications for Future Studies. Plastic and Reconstructive Surgery, 2021, 147, 819-838.	1.4	16
11	Abstract PO-081: LR-IL-22 protects the intestine to facilitate whole abdomen irradiation in ovarian cancer. , 2021, , .		0
12	Gene Therapy for Systemic or Organ Specific Delivery of Manganese Superoxide Dismutase. Antioxidants, 2021, 10, 1057.	5.1	5
13	Radiation-Induced Senescence in p16+/LUC Mouse Lung Compared to Bone Marrow Multilineage Hematopoietic Progenitor Cells. Radiation Research, 2021, 196, 235-249.	1.5	5
14	Combined injury: irradiation with skin or bone wounds in rodent models. Journal of Radiological Protection, 2021, 41, S561-S577.	1.1	2
15	Space Radiation Protection Countermeasures in Microgravity and Planetary Exploration. Life, 2021, 11, 829.	2.4	13
16	â€œLongitudinal Fecal Microbiome Study of Total Body Irradiated Mice Treated With Radiation Mitigators Identifies Bacterial Associations With Survivalâ€• Frontiers in Cellular and Infection Microbiology, 2021, 11, 715396.	3.9	5
17	Silica Induced Lung Fibrosis Is Associated With Senescence, Fgr, and Recruitment of Bone Marrow Monocyte/Macrophages. In Vivo, 2021, 35, 3053-3066.	1.3	5
18	Interferon Î² drives intestinal regeneration after radiation. Science Advances, 2021, 7, eabi5253.	10.3	20

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19	Ionizing irradiation-induced Fgr in senescent cells mediates fibrosis. Cell Death Discovery, 2021, 7, 349.	4.7	7
20	Higher Radiation Dose to the Immune Cells Correlates with Worse Tumor Control and Overall Survival in Patients with Stage III NSCLC: A Secondary Analysis of RTOG0617. Cancers, 2021, 13, 6193.	3.7	39
21	Fanconi Anemia Mouse Genotype-specific Mitigation of Total Body Irradiation by GS-Nitroxide JP4-039. In Vivo, 2020, 34, 33-38.	1.3	5
22	Second-generation Probiotics Producing IL-22 Increase Survival of Mice After Total Body Irradiation. In Vivo, 2020, 34, 39-50.	1.3	17
23	Pathways for Recruiting and Retaining Women and Underrepresented Minority Clinicians and Physician Scientists Into the Radiation Oncology Workforce: A Summary of the 2019 ASTRO/NCI Diversity Symposium Session at the ASTRO Annual Meeting. Advances in Radiation Oncology, 2020, 5, 798-803.	1.2	7
24	Successful use of a therapeutic trial of graduated volume and dose escalation for postoperative head and neck radiotherapy in a Fanconi anemia patient. Head and Neck, 2020, 42, E16-E22.	2.0	5
25	Redox lipid reprogramming commands susceptibility of macrophages and microglia to ferroptotic death. Nature Chemical Biology, 2020, 16, 278-290.	8.0	299
26	Redox Epiphospholipidome in Programmed Cell Death Signaling: Catalytic Mechanisms and Regulation. Frontiers in Endocrinology, 2020, 11, 628079.	3.5	16
27	Anti-Ferroptosis Drug Enhances Total-Body Irradiation Mitigation by Drugs that Block Apoptosis and Necroptosis. Radiation Research, 2020, 193, 435.	1.5	36
28	Biological Effects of Abdominal Irradiation on Intestinal Barrier Breakdown Identified By Second-Generation Probiotic, LR-IL-22. Blood, 2020, 136, 32-33.	1.4	0
29	Radioresistance of Serpinb3aâˆ’/âˆ’ Mice and Derived Hematopoietic and Marrow Stromal Cell Lines. Radiation Research, 2019, 192, 267.	1.5	3
30	Amelioration of Mucositis in Proton Therapy of Fanconi Anemia Fanca^{âˆ’/âˆ’} Mice by JP4-039. In Vivo, 2019, 33, 1757-1766.	1.3	3
31	Understanding the mechanism of radiation induced fibrosis and therapy options. , 2019, 204, 107399.		34
32	Redox (phospho)lipidomics of signaling in inflammation and programmed cell death. Journal of Leukocyte Biology, 2019, 106, 57-81.	3.3	33
33	Amelioration of Amyotrophic Lateral Sclerosis in SOD1^{G93A}Mice by M₂Microglia from Transplanted Marrow. In Vivo, 2019, 33, 675-688.	1.3	4
34	Malignant Transformation of Fanconi Anemia Complementation Group D2-deficient (Fancd2âˆ’/âˆ’) Hematopoietic Progenitor Cells by a Single HPV16 Oncogene. In Vivo, 2019, 33, 303-311.	1.3	1
35	Adipose-Derived Stem Cell Therapy Ameliorates Ionizing Irradiation Fibrosis via Hepatocyte Growth Factor-Mediated Transforming Growth Factor-Î² Downregulation and Recruitment of Bone Marrow Cells. Stem Cells, 2019, 37, 791-802.	3.2	34
36	The GS-nitroxide JP4-039 improves intestinal barrier and stem cell recovery in irradiated mice. Scientific Reports, 2018, 8, 2072.	3.3	17

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37	Development of tensile strength methodology for murine skin wound healing. MethodsX, 2018, 5, 337-344.	1.6	7
38	â€œOnly a Life Lived for Others Is Worth Livingâ€: Redox Signaling by Oxygenated Phospholipids in Cell Fate Decisions. Antioxidants and Redox Signaling, 2018, 29, 1333-1358.	5.4	33
39	Liquid chromatographyâ€“tandem mass spectrometric assay for the quantitation of the novel radiation protective agent and radiation mitigator JP4-039 in murine plasma. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 169-175.	2.8	7
40	Amelioration of Head and Neck Radiation-Induced Mucositis and Distant Marrow Suppression in Fancaâ€“/â€“ and Fancgâ€“/â€“ Mice by Intraoral Administration of GS-Nitroxide (JP4-039). Radiation Research, 2018, 189, 560.	1.5	17
41	Evaluation of Different Formulations and Routes for the Delivery of the Ionizing Radiation Mitigator GS-Nitroxide (JP4-039). In Vivo, 2018, 32, 1009-1023.	1.3	8
42	Targeting Mitochondrial Oxidative Stress to Mitigate UV-Induced Skin Damage. Frontiers in Pharmacology, 2018, 9, 920.	3.5	67
43	Synthesis and Evaluation of a Mitochondria-Targeting Poly(ADP-ribose) Polymerase-1 Inhibitor. ACS Chemical Biology, 2018, 13, 2868-2879.	3.4	16
44	Pseudomonas aeruginosa utilizes host polyunsaturated phosphatidylethanolamines to trigger theft-ferroptosis in bronchial epithelium. Journal of Clinical Investigation, 2018, 128, 4639-4653.	8.2	159
45	Genetic re-engineering of polyunsaturated phospholipid profile of Saccharomyces cerevisiae identifies a novel role for Cld1 in mitigating the effects of cardiolipin peroxidation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1354-1368.	2.4	16
46	Continuous One Year Oral Administration of the Radiation Mitigator, MMS350, after Total-Body Irradiation, Restores Bone Marrow Stromal Cell Proliferative Capacity and Reduces Senescence in Fanconi Anemia (Fanca-/-) Mice. Radiation Research, 2018, 191, 139.	1.5	10
47	TGF-B Inhibition Rescues Hematopoietic Defects in Fanconi Anemia. Blood, 2018, 132, SCI-29-SCI-29.	1.4	0
48	Effect of the Addition of Cetuximab to Paclitaxel, Cisplatin, and Radiation Therapy for Patients With Esophageal Cancer. JAMA Oncology, 2017, 3, 1520.	7.1	165
49	A Topical Mitochondria-Targeted Redox-Cycling Nitroxide Mitigates Oxidative Stress-Induced Skin Damage. Journal of Investigative Dermatology, 2017, 137, 576-586.	0.7	37
50	Oxidized arachidonic and adrenic PEs navigate cells to ferroptosis. Nature Chemical Biology, 2017, 13, 81-90.	8.0	1,589
51	Improved Total-Body Irradiation Survival by Delivery of Two Radiation Mitigators that Target Distinct Cell Death Pathways. Radiation Research, 2017, 189, 68.	1.5	27
52	Results of a Single Institution Experience with Dose-Escalated Chemoradiation for Locally Advanced Unresectable Non-Small Cell Lung Cancer. Frontiers in Oncology, 2017, 7, 1.	2.8	48
53	Effectiveness of Analogs of the GS-Nitroxide, JP4-039, as Total Body Irradiation Mitigators. In Vivo, 2017, 31, 39-44.	1.3	15
54	Induction of TGF-Î² by Irradiation or Chemotherapy in Fanconi Anemia (FA) Mouse Bone Marrow Î™s Modulated by Small Molecule Radiation Mitigators JP4-039 and MMS350. In Vivo, 2017, 31, 159-168.	1.3	5

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55	Reduced Competitive Repopulation Capacity of Multipotential Hematopoietic Stem Cells in the Bone Marrow of Friend Virus-infected Fv2-resistant Mice. In Vivo, 2017, 31, 313-320.	1.3	1
56	Intraoral Mitochondrial-Targeted GS-Nitroxide, JP4-039, Radioprotects Normal Tissue in Tumor-Bearing Radiosensitive Fancd2â€“/â€“ (C57BL/6) Mice. Radiation Research, 2016, 185, 134.	1.5	27
57	FANCD2 protects against bone marrow injury from ferroptosis. Biochemical and Biophysical Research Communications, 2016, 480, 443-449.	2.1	136
58	Necrostatin-1 rescues mice from lethal irradiation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 850-856.	3.8	22
59	TGF-Î² Inhibition Rescues Hematopoietic Stem Cell Defects and Bone Marrow Failure in Fanconi Anemia. Cell Stem Cell, 2016, 18, 668-681.	11.1	125
60	A Small Molecule Screen Exposes mTOR Signaling Pathway Involvement in Radiation-Induced Apoptosis. ACS Chemical Biology, 2016, 11, 1428-1437.	3.4	16
61	Inhibition of CDK4/6 protects against radiation-induced intestinal injury in mice. Journal of Clinical Investigation, 2016, 126, 4076-4087.	8.2	77
62	Evolution of malignant plasmacytoma cell lines from K14E7 Fancd2â^'/â^' mouse long-term bone marrow cultures. Oncotarget, 2016, 7, 68449-68472.	1.8	3
63	Radiation Resistance of Double Knockout (DKO) Smad3-/- Fancd2-/- (129/Sv) Mouse Bone Marrow Stromal Cell Lines. Blood, 2016, 128, 3901-3901.	1.4	0
64	Hyperactive Non-Canonical TGF-Î² Pathway Signaling in Fanconi Anemia Bone Marrow Stromal Cells Contributes to Growth Suppression. Blood, 2016, 128, 1039-1039.	1.4	0
65	Hemopoietic Progenitor Cells from the Bone Marrow of Serpinb3A-/- Mice Are Radioresistant. Blood, 2016, 128, 2680-2680.	1.4	0
66	Antioxidant Approaches to Management of Ionizing Irradiation Injury. Antioxidants, 2015, 4, 82-101.	5.1	17
67	Quantitative evaluation of radiation oncologistsâ€™ adaptability to lower reimbursing treatment programs. Practical Radiation Oncology, 2015, 5, 267-273.	2.1	2
68	Are We Ready for a Radiological Terrorist Attack Yet? Report From the Centers for Medical Countermeasures Against Radiation Network. International Journal of Radiation Oncology Biology Physics, 2015, 92, 504-505.	0.8	17
69	Pharmacologically blocking p53-dependent apoptosis protects intestinal stem cells and mice from radiation. Scientific Reports, 2015, 5, 8566.	3.3	63
70	Radioresistant human lung adenocarcinoma cells that survived multiple fractions of ionizing radiation are sensitive to HSP90 inhibition. Oncotarget, 2015, 6, 44306-44322.	1.8	35
71	The HSP90 Inhibitor Ganetespib Radiosensitizes Human Lung Adenocarcinoma Cells. Cancers, 2015, 7, 876-907.	3.7	20
72	Gene Therapy for Mucositis. , 2015, , 345-362.		0

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73	Radiosensitivity of Fancd2-/- mouse Bone Marrow Stromal Cells Is Altered By Abrogation of TGF-Î² Signaling. Blood, 2015, 126, 4796-4796.	1.4	0
74	DNA Cross-Linking Agent Sensitivity of Fanconi Anemia (FA) Cells Is Preserved in Double Knockout (DKO) SMAD3-/- Fancd2-/- Mouse Cell Lines. Blood, 2015, 126, 4799-4799.	1.4	0
75	Production of TGF-Î² Is Decreased in the Bone Marrow of Double Knockout (DKO) SMAD3-/- Fancd2-/- Mice. Blood, 2015, 126, 4798-4798.	1.4	0
76	Transformed Phenotype of Bone Marrow Stromal Cell Lines Derived from K14E7 Fancd2-/- mice. Blood, 2015, 126, 4795-4795.	1.4	0
77	TGF-Î² Pathway Inhibition Rescues the Function of Hematopoietic Stem and Progenitor Cells Derived from Patients with Fanconi Anemia. Blood, 2015, 126, 297-297.	1.4	0
78	A Mobile Alert System for Preparing the Delivery of Radiation Mitigators. In Vivo, 2015, 29, 505-13.	1.3	0
79	Ionizing irradiation induces acute haematopoietic syndrome and gastrointestinal syndrome independently in mice. Nature Communications, 2014, 5, 3494.	12.8	67
80	Can Radiosensitivity Associated with Defects in DNA Repair be Overcome by Mitochondrial-Targeted Antioxidant Radioprotectors. Frontiers in Oncology, 2014, 4, 24.	2.8	9
81	Gene Therapy in Radiotherapy of Cancer. , 2014, , 123-133.		2
82	Design and Synthesis of a Mitochondria-Targeted Mimic of Glutathione Peroxidase, MitoEbselen-2, as a Radiation Mitigator. ACS Medicinal Chemistry Letters, 2014, 5, 1304-1307.	2.8	33
83	Amelioration of Radiation-Induced Oral Cavity Mucositis and Distant Bone Marrow Suppression in Fanconi Anemia Fancd2â€“/â€“ (FVB/N) Mice by Intraoral GS-Nitroxide JP4-039. Radiation Research, 2014, 182, 35.	1.5	27
84	Radiologic Differences between Bone Marrow Stromal and Hematopoietic Progenitor Cell Lines from Fanconi Anemia (Fancd2â€“/â€“) Mice. Radiation Research, 2014, 181, 76.	1.5	36
85	A mitochondrial pathway for biosynthesis of lipid mediators. Nature Chemistry, 2014, 6, 542-552.	13.6	130
86	Significance of p53 dynamics in regulating apoptosis in response to ionizing radiation and polypharmacological strategies. Scientific Reports, 2014, 4, 6245.	3.3	41
87	Combination Mitigators, GS-Nitroxide JP4-039 and water Soluble Oxetanyl Sulfoxide MMS350 Improve Survival of Lethally Irradiated Mice. Blood, 2014, 124, 2751-2751.	1.4	2
88	Bioengineering of Irradiated Normal Tissues by Bone Marrow Stem Cells. Medical Radiology, 2014, , 191-203.	0.1	0
89	Intraoral Mitochondrial-Targeted GS Nitroxide JP4-039 Ameliorates Radiation-Induced Mucositis in Orthotopic Tumor-Bearing Fanconi Anemia (FA) (Fancd2-/-) Mice.. Blood, 2014, 124, 5961-5961.	1.4	0
90	Improved survival of mice after total body irradiation with 10 MV photon, 2400 MU/min SRS beam. In Vivo, 2014, 28, 1-12.	1.3	16

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91	Differences in irradiated lung gene transcription between fibrosis-prone C57BL/6NHsd and fibrosis-resistant C3H/HeNHsd mice. In Vivo, 2014, 28, 147-71.	1.3	28
92	Esophageal radioprotection by swallowed JP4-039/F15 in thoracic-irradiated mice with transgenic lung tumors. In Vivo, 2014, 28, 435-40.	1.3	9
93	Organ-specific responses of total body irradiated doxycycline-inducible manganese superoxide dismutase Tet/Tet mice. In Vivo, 2014, 28, 1033-43.	1.3	0
94	Improved longevity of hematopoiesis in long-term bone marrow cultures and reduced irradiation-induced pulmonary fibrosis in Toll-like receptor-4 deletion recombinant-negative mice. In Vivo, 2014, 28, 441-8.	1.3	3
95	Improved hematopoiesis in GS-nitroxide (JP4-039)-treated mouse long-term bone marrow cultures and radioresistance of derived bone marrow stromal cell lines. In Vivo, 2014, 28, 699-708.	1.3	9
96	Effects of the bifunctional sulfoxide MMS350, a radiation mitigator, on hematopoiesis in long-term bone marrow cultures and on radioresistance of marrow stromal cell lines. In Vivo, 2014, 28, 457-65.	1.3	4
97	Increased hematopoiesis in long-term bone marrow cultures and reduced irradiation-induced pulmonary fibrosis in Von Willebrand factor homologous deletion recombinant mice. In Vivo, 2014, 28, 449-56.	1.3	4
98	Effects of mouse genotype on bone wound healing and irradiation-induced delay of healing. In Vivo, 2014, 28, 189-96.	1.3	7
99	Nanoassembly of Surfactants with Interfacial Drug-Interactive Motifs as Tailor-Designed Drug Carriers. Molecular Pharmaceutics, 2013, 10, 187-198.	4.6	40
100	Amelioration of Radiation-Induced Pulmonary Fibrosis by a Water-Soluble Bifunctional Sulfoxide Radiation Mitigator (MMS350). Radiation Research, 2013, 180, 474.	1.5	28
101	Conditional Radioresistance of tet-Inducible Manganese Superoxide Dismutase Bone Marrow Stromal Cell Lines. Radiation Research, 2013, 180, 189.	1.5	14
102	Evaluation of potential ionizing irradiation protectors and mitigators using clonogenic survival of human umbilical cord blood hematopoietic progenitor cells. Experimental Hematology, 2013, 41, 957-966.	0.4	13
103	Synthesis of analogs of the radiation mitigator JP4-039 and visualization of BODIPY derivatives in mitochondria. Organic and Biomolecular Chemistry, 2013, 11, 4147.	2.8	29
104	Hematopoietic Stem Cell Regeneration Enhanced by Ectopic Expression of ROS-detoxifying Enzymes in Transplant Mice. Molecular Therapy, 2013, 21, 423-432.	8.2	32
105	Pharmacologic Profiling of Phosphoinositide 3-Kinase Inhibitors as Mitigators of Ionizing Radiationâ€"Induced Cell Death. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 669-680.	2.5	13
106	Disruption of the PI3K axis abrogates ionizing radiationâ€induced cell death. FASEB Journal, 2013, 27, 1181.7.	0.5	0
107	Radiosensitivity of Human Inducible Pluripotential Stem Cells (iPSCs). FASEB Journal, 2013, 27, 530.1.	0.5	0
108	Pulmonary Irradiation Fibrosis Is Preceded By Increased Endothelial Cell Gene Expression. Blood, 2013, 122, 5569-5569.	1.4	0

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109	Intraoral GS-Nitroxide (JP4-039) Reduces Local Mucositis and Distant Marrow Suppression Toxicities In Head and Neck Irradiated Fancd2-/- (FVB/N) Mice. Blood, 2013, 122, 5559-5559.	1.4	0
110	Increased longevity of hematopoiesis in continuous marrow cultures and radiation resistance of marrow stromal and hematopoietic progenitor cells from caspase-1 homozygous recombinant-negative (knockout) mice. In Vivo, 2013, 27, 419-30.	1.3	3
111	Effects of thoracic irradiation on pulmonary endothelial compared to alveolar type-II cells in fibrosis-prone C57BL/6NTac mice. In Vivo, 2013, 27, 291-7.	1.3	11
112	Radioresistance of bone marrow stromal and hematopoietic progenitor cell lines derived from Nrf2-/- homozygous deletion recombinant-negative mice. In Vivo, 2013, 27, 571-82.	1.3	7
113	Do Carbamazepine, Gabapentin, or Other Anticonvulsants Exert Sufficient Radioprotective Effects to Alter Responses From Trigeminal Neuralgia Radiosurgery?. International Journal of Radiation Oncology Biology Physics, 2012, 83, e501-e506.	0.8	11
114	Identification of Druggable Targets for Radiation Mitigation Using a Small Interfering RNA Screening Assay. Radiation Research, 2012, 178, 150.	1.5	12
115	Oxidized phospholipids as biomarkers of tissue and cell damage with a focus on cardiolipin. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2413-2423.	2.6	57
116	Dysregulated inÂvitro hematopoiesis, radiosensitivity, proliferation, and osteoblastogenesis with marrow from SAMP6 mice. Experimental Hematology, 2012, 40, 499-509.	0.4	6
117	Mitochondria targeting of nonâ€peroxidizable triphenylphosphonium conjugated oleic acid protects mouse embryonic cells against apoptosis: Role of cardiolipin remodeling. FEBS Letters, 2012, 586, 235-241.	2.8	27
118	Pulmonary Endothelial Cell Irradiation Damage Signaling Initiates Late Fibrosis. Blood, 2012, 120, 4682-4682.	1.4	0
119	Serial Imaging of Luciferase Positive Bone Marrow Stromal Cell Migration to Form Radiation Pulmonary Fibrosis. Blood, 2012, 120, 4734-4734.	1.4	0
120	Diminished Oxidative Stress Responses in Bone Marrow Stromal Cell Lines Derived From Fanconi Anemia (Fanc-D2â^'/â^') Mice. Blood, 2012, 120, 4398-4398.	1.4	0
121	Repopulation of the irradiation damaged lung with bone marrow-derived cells. In Vivo, 2012, 26, 9-18.	1.3	10
122	Ionizing irradiation protection and mitigation of murine cells by carbamazepine is p53 and autophagy independent. In Vivo, 2012, 26, 341-54.	1.3	3
123	The zebrafish--Danio rerio--is a useful model for measuring the effects of small-molecule mitigators of late effects of ionizing irradiation. In Vivo, 2012, 26, 889-97.	1.3	9
124	Antioxidant-Chemoprevention Diet Ameliorates Late Effects of Total-Body Irradiation and Supplements Radioprotection by MnSOD-Plasmid Liposome Administration. Radiation Research, 2011, 175, 759-765.	1.5	49
125	l-Arginine is a Radioprotector for Hematopoietic Progenitor Cells. Radiation Research, 2011, 177, 792.	1.5	6
126	The autophagy-inducing drug carbamazepine is a radiation protector and mitigator. International Journal of Radiation Biology, 2011, 87, 1052-1060.	1.8	29

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127	A Manganeseâ€“Porphyrin Complex Decomposes H₂O₂, Inhibits Apoptosis, and Acts as a Radiation Mitigator in Vivo. ACS Medicinal Chemistry Letters, 2011, 2, 814-817.	2.8	26
128	Oxidative Lipidomics of Î³-Radiation-Induced Lung Injury: Mass Spectrometric Characterization of Cardiolipin and Phosphatidylserine Peroxidation. Radiation Research, 2011, 175, 610.	1.5	70
129	The Use of 3,5,4â€²-Tri-O-acetylresveratrol as a Potential Prodrug for Resveratrol Protects Mice from Î³-Irradiation-Induced Death. ACS Medicinal Chemistry Letters, 2011, 2, 270-274.	2.8	33
130	Are mitochondrial reactive oxygen species required for autophagy?. Biochemical and Biophysical Research Communications, 2011, 412, 55-60.	2.1	17
131	A mitochondria-targeted inhibitor of cytochrome c peroxidase mitigates radiation-induced death. Nature Communications, 2011, 2, 497.	12.8	91
132	GS-Nitroxide (JP4-039)-Mediated Radioprotection of Human Fanconi Anemia Cell Lines. Radiation Research, 2011, 176, 603-612.	1.5	37
133	Two Strategies for the Development of Mitochondrion-Targeted Small Molecule Radiation Damage Mitigators. International Journal of Radiation Oncology Biology Physics, 2011, 80, 860-868.	0.8	63
134	A Phase I Study of Concurrent Chemotherapy (Paclitaxel and Carboplatin) and Thoracic Radiotherapy with Swallowed Manganese Superoxide Dismutase Plasmid Liposome Protection in Patients with Locally Advanced Stage III Non-Small-Cell Lung Cancer. Human Gene Therapy, 2011, 22, 336-342.	2.7	60
135	Strategies for Discovery of Small Molecule Radiation Protectors and Radiation Mitigators. Frontiers in Oncology, 2011, 1, 59.	2.8	28
136	Dysregulated Bone Wound Repair and Marrow Functions in Senescence Accelerated Mice (SAMP6),. Blood, 2011, 118, 3415-3415.	1.4	0
137	Ionizing Irradiation Protection and Mitigation by Carbamazepine Is p53 and Autophagy Independent,. Blood, 2011, 118, 3400-3400.	1.4	0
138	Hematopoietic Stem Cell Repopulation Modulated by ROS-Detoxifying Enzymes,. Blood, 2011, 118, 4172-4172.	1.4	0
139	Radiobiologic effects of GS-nitroxide (JP4-039) on the hematopoietic syndrome. In Vivo, 2011, 25, 315-23.	1.3	33
140	Amelioration of radiation esophagitis by orally administered p53/Mdm2/Mdm4 inhibitor (BEB55) or GS-nitroxide. In Vivo, 2011, 25, 841-8.	1.3	11
141	Role of the esophageal vagus neural pathway in ionizing irradiation-induced seizures in nitric oxide synthase-1 homologous recombinant negative NOS1-/- mice. In Vivo, 2011, 25, 861-9.	1.3	3
142	Oxidative Lipidomics of Apoptosis: Quantitative Assessment of Phospholipid Hydroperoxides in Cells and Tissues. Methods in Molecular Biology, 2010, 610, 353-374.	0.9	34
143	Irradiated Esophageal Cells are Protected from Radiation-Induced Recombination by MnSOD Gene Therapy. Radiation Research, 2010, 173, 453-461.	1.5	33
144	Intraesophageal Manganese Superoxide Dismutase-Plasmid Liposomes Ameliorates Novel Total-Body and Thoracic Radiation Sensitivity of NOS1^{â^'/â^'}Mice. Radiation Research, 2010, 174, 297-312.	1.5	36

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145	Carbamazepine Is a Radioprotector and Radiation Damage Mitigator for Murine Hematopoietic Cell Line 32D Cl 3. Blood, 2010, 116, 4772-4772.	1.4	0
146	Effects of Sublethal Irradiation on Murine Bone Marrow. Blood, 2010, 116, 2243-2243.	1.4	0
147	Effectiveness of combined modality radiotherapy of orthotopic human squamous cell carcinomas in Nu/Nu mice using cetuximab, tirapazamine and MnSOD-plasmid liposome gene therapy. In Vivo, 2010, 24, 1-8.	1.3	24
148	Small molecule GS-nitroxide ameliorates ionizing irradiation-induced delay in bone wound healing in a novel murine model. In Vivo, 2010, 24, 377-85.	1.3	21
149	Screening of antimicrobial agents for in vitro radiation protection and mitigation capacity, including those used in supportive care regimens for bone marrow transplant recipients. In Vivo, 2010, 24, 9-19.	1.3	15
150	Intraesophageal administration of GS-nitroxide (JP4-039) protects against ionizing irradiation-induced esophagitis. In Vivo, 2010, 24, 811-9.	1.3	34
151	Bone Marrowâ€“Derived Stem Cells and Radiation Response. Seminars in Radiation Oncology, 2009, 19, 133-139.	2.2	87
152	Mitochondriaâ€targeted (2â€hydroxyaminoâ€vinyl)â€triphenylâ€phosphonium releases NO and protects mouse embryonic cells against irradiationâ€induced apoptosis. FEBS Letters, 2009, 583, 1945-1950.	2.8	27
153	Radioprotection by shortâ€term oxidative preconditioning: Role of manganese superoxide dismutase. FEBS Letters, 2009, 583, 3437-3442.	2.8	15
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