# 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 | Oxidized arachidonic and adrenic PEs navigate cells to ferroptosis. Nature Chemical Biology, 2017, 13, 81-90. | 8.0 | 1,589 |
| 2 | Ageâ€related intrinsic changes in human boneâ€marrowâ€derived mesenchymal stem cells and their differentiation to osteoblasts. Aging Cell, 2008, 7, 335-343. | 6.7 | 668 |
| 3 | Two forms of transforming growth factor-Î² distinguished by multipotential haematopoietic progenitor cells. Nature, 1987, 329, 539-541. | 27.8 | 400 |
| 4 | Cytochrome c/cardiolipin relations in mitochondria: a kiss of death. Free Radical Biology and Medicine, 2009, 46, 1439-1453. | 2.9 | 382 |
| 5 | Hepatic oval cells express the hematopoietic stem cell marker thy-1 in the rat. Hepatology, 1998, 27, 433-445. | 7.3 | 351 |
| 6 | Redox lipid reprogramming commands susceptibility of macrophages and microglia to ferroptotic death. Nature Chemical Biology, 2020, 16, 278-290. | 8.0 | 299 |
| 7 | Bone Marrow Origin of Myofibroblasts in Irradiation Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 213-224. | 2.9 | 246 |
| 8 | Models for Evaluating Agents Intended for the Prophylaxis, Mitigation and Treatment of Radiation Injuries Report of an NCI Workshop, December 3â€“4, 2003. Radiation Research, 2004, 162, 711-728. | 1.5 | 230 |
| 9 | Sensitivity of corticosteroid-dependent insulin-resistant lipogenesis in marrow preadipocytes of obese-diabetic (db/db) mice. Nature, 1978, 275, 752-754. | 27.8 | 228 |
| 10 | PUMA Regulates Intestinal Progenitor Cell Radiosensitivity and Gastrointestinal Syndrome. Cell Stem Cell, 2008, 2, 576-583. | 11.1 | 199 |
| 11 | 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 |
| 12 | Pseudomonas aeruginosa utilizes host polyunsaturated phosphatidylethanolamines to trigger theft-ferroptosis in bronchial epithelium. Journal of Clinical Investigation, 2018, 128, 4639-4653. | 8.2 | 159 |
| 13 | Intratracheal injection of adenovirus containing the human MNSOD transgene protects athymic nude mice from irradiation-induced organizing alveolitis. International Journal of Radiation Oncology Biology Physics, 1999, 43, 169-181. | 0.8 | 140 |
| 14 | FANCD2 protects against bone marrow injury from ferroptosis. Biochemical and Biophysical Research Communications, 2016, 480, 443-449. | 2.1 | 136 |
| 15 | Mitochondrial Localization of Superoxide Dismutase is Required for Decreasing Radiation-Induced Cellular Damage. Radiation Research, 2003, 160, 568-578. | 1.5 | 134 |
| 16 | A mitochondrial pathway for biosynthesis of lipid mediators. Nature Chemistry, 2014, 6, 542-552. | 13.6 | 130 |
| 17 | Manganese Superoxide Dismutase (SOD2) Inhibits Radiation-Induced Apoptosis by Stabilization of the Mitochondrial Membrane. Radiation Research, 2002, 157, 568-577. | 1.5 | 128 |
| 18 | Modulation of Radiation-Induced Cytokine Elevation Associated with Esophagitis and Esophageal Stricture by Manganese Superoxide Dismutase-Plasmid/Liposome (SOD2-PL) Gene Therapy. Radiation Research, 2001, 155, 2-14. | 1.5 | 126 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Redox Gene Therapy Protects Human IB-3 Lung Epithelial Cells Against Ionizing Radiation-Induced Apoptosis. Human Gene Therapy, 1998, 9, 1381-1386. | 2.7 | 116 |
| 21 | Prevention of Radiation-Induced Oral Cavity Mucositis by Plasmid/Liposome Delivery of the Human Manganese Superoxide Dismutase (SOD2) Transgene. Radiation Research, 2003, 159, 361-370. | 1.5 | 105 |
| 22 | Mitochondrial targeting of electron scavenging antioxidants: Regulation of selective oxidation vs random chain reactionsâ˜†. Advanced Drug Delivery Reviews, 2009, 61, 1375-1385. | 13.7 | 103 |
| 23 | Manganese [correction of Magnesium] superoxide dismutase (MnSOD) plasmid/liposome pulmonary radioprotective gene therapy: Modulation of irradiation-induced mRNA for IL-I, TNF-alpha, and TGF-beta correlates with delay of organizing alveolitis/fibrosis. Biology of Blood and Marrow Transplantation, 1999, 5, 204-214. | 2.0 | 99 |
| 24 | Perfusion Enhances Functions of Bone Marrow Stromal Cells in Three-Dimensional Culture. Cell Transplantation, 1998, 7, 319-326. | 2.5 | 95 |
| 25 | Pulmonary irradiation-induced expression of VCAM-I and ICAM-I is decreased by manganese superoxide dismutase-plasmid/liposome (MnSOD-PL) gene therapy. Biology of Blood and Marrow Transplantation, 2002, 8, 175-187. | 2.0 | 91 |
| 26 | A mitochondria-targeted inhibitor of cytochrome c peroxidase mitigates radiation-induced death. Nature Communications, 2011, 2, 497. | 12.8 | 91 |
| 27 | Decreased Pulmonary Radiation Resistance of Manganese Superoxide Dismutase (MnSOD)-Deficient Mice is Corrected by Human Manganese Superoxide Dismutase-Plasmid/Liposome (SOD2-PL) Intratracheal Gene Therapy. Radiation Research, 2000, 154, 365-374. | 1.5 | 89 |
| 28 | Manganese superoxide dismutase-plasmid/liposome (MnSOD-PL) administration protects mice from esophagitis associated with fractionated radiation. International Journal of Cancer, 2001, 96, 221-231. | 5.1 | 89 |
| 29 | Bone Marrowâ€“Derived Stem Cells and Radiation Response. Seminars in Radiation Oncology, 2009, 19, 133-139. | 2.2 | 87 |
| 30 | Hypoxia Inhibition of Adipocytogenesis in Human Bone Marrow Stromal Cells Requires Transforming Growth Factor-Î²/Smad3 Signaling. Journal of Biological Chemistry, 2005, 280, 22688-22696. | 3.4 | 86 |
| 31 | Oxidative lipidomics of Î³-irradiation-induced intestinal injury. Free Radical Biology and Medicine, 2008, 44, 299-314. | 2.9 | 84 |
| 32 | Mitochondriaâ€targeted disruptors and inhibitors of cytochrome c/cardiolipin peroxidase complexes: A new strategy in antiâ€apoptotic drug discovery. Molecular Nutrition and Food Research, 2009, 53, 104-114. | 3.3 | 81 |
| 33 | Structural Requirements for Optimized Delivery, Inhibition of Oxidative Stress, and Antiapoptotic Activity of Targeted Nitroxides. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 1050-1060. | 2.5 | 80 |
| 34 | A Mitochondria-Targeted Nitroxide/Hemigramicidin S Conjugate Protects Mouse Embryonic Cells Against Gamma Irradiation. International Journal of Radiation Oncology Biology Physics, 2008, 70, 816-825. | 0.8 | 80 |
| 35 | Prevention of irradiation-induced esophagitis by plasmid/liposome delivery of the human manganese superoxide dismutase transgene. Radiation Oncology Investigations, 1999, 7, 204-217. | 0.9 | 77 |
| 36 | Hemigramicidinâ€“TEMPO conjugates: Novel mitochondria-targeted anti-oxidants. Biochemical Pharmacology, 2007, 74, 801-809. | 4.4 | 77 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Inhibition of CDK4/6 protects against radiation-induced intestinal injury in mice. Journal of Clinical Investigation, 2016, 126, 4076-4087. | 8.2 | 77 |
| 38 | A Mitochondria-Targeted Triphenylphosphonium-Conjugated Nitroxide Functions as a Radioprotector/Mitigator. Radiation Research, 2009, 172, 706-717. | 1.5 | 76 |
| 39 | Identification of Respiratory Complexes I and III as Mitochondrial Sites of Damage Following Exposure to Ionizing Radiation and Nitric Oxide. Nitric Oxide - Biology and Chemistry, 2001, 5, 128-136. | 2.7 | 73 |
| 40 | Oxidative Lipidomics of Î³-Radiation-Induced Lung Injury: Mass Spectrometric Characterization of Cardiolipin and Phosphatidylserine Peroxidation. Radiation Research, 2011, 175, 610. | 1.5 | 70 |
| 41 | Activation of the Nitric Oxide Synthase 2 Pathway in the Response of Bone Marrow Stromal Cells to High Doses of Ionizing Radiation. Radiation Research, 2000, 154, 73-86. | 1.5 | 69 |
| 42 | Overexpression of the transgene for manganese superoxide dismutase (MnSOD) in 32D cl 3 cells prevents apoptosis induction by TNF-Î±, IL-3 withdrawal, and ionizing radiation. Experimental Hematology, 2003, 31, 465-474. | 0.4 | 67 |
| 43 | Ionizing irradiation induces acute haematopoietic syndrome and gastrointestinal syndrome independently in mice. Nature Communications, 2014, 5, 3494. | 12.8 | 67 |
| 44 | Targeting Mitochondrial Oxidative Stress to Mitigate UV-Induced Skin Damage. Frontiers in Pharmacology, 2018, 9, 920. | 3.5 | 67 |
| 45 | Radioprotection. In Vivo, 2009, 23, 323-36. | 1.3 | 66 |
| 46 | Hemigramicidin-TEMPO conjugates: Novel mitochondria-targeted antioxidants. Critical Care Medicine, 2007, 35, S461-S467. | 0.9 | 65 |
| 47 | Mass-spectrometric analysis of hydroperoxy- and hydroxy-derivatives of cardiolipin and phosphatidylserine in cells and tissues induced by pro-apoptotic and pro-inflammatory stimuli. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2863-2872. | 2.3 | 63 |
| 48 | 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 |
| 49 | Pharmacologically blocking p53-dependent apoptosis protects intestinal stem cells and mice from radiation. Scientific Reports, 2015, 5, 8566. | 3.3 | 63 |
| 50 | Differing roles of mitochondrial nitric oxide synthase in cardiomyocytes and urothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H13-H21. | 3.2 | 62 |
| 51 | Manganese superoxide dismutase gene therapy protects against irradiation-induced cystitis. American Journal of Physiology - Renal Physiology, 2002, 283, F1304-F1312. | 2.7 | 61 |
| 52 | Radioprotection In Vitro and In Vivo by Minicircle Plasmid Carrying the Human Manganese Superoxide Dismutase Transgene. Human Gene Therapy, 2008, 19, 820-826. | 2.7 | 60 |
| 53 | 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 |
| 54 | Chapter Nineteen Oxidative Lipidomics of Programmed Cell Death. Methods in Enzymology, 2008, 442, 375-393. | 1.0 | 58 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | 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 |
| 56 | Radiosensitivity of Human Bone Marrow Granulocyte-Macrophage Progenitor Cells and Stromal Colony-Forming Cells: Effect of Dose Rate. Radiation Research, 1986, 107, 205. | 1.5 | 55 |
| 57 | Mitochondrial Targeting of a Catalase Transgene Product by Plasmid Liposomes Increases RadioresistanceIn VitroandIn Vivo. Radiation Research, 2009, 171, 588-595. | 1.5 | 53 |
| 58 | Intraoral manganese superoxide dismutase-plasmid/liposome (MnSOD-PL) radioprotective gene therapy decreases ionizing irradiation-induced murine mucosal cell cycling and apoptosis. In Vivo, 2004, 18, 401-10. | 1.3 | 53 |
| 59 | Review. Antioxidant gene therapeutic approaches to normal tissue radioprotection and tumor radiosensitization. In Vivo, 2007, 21, 141-6. | 1.3 | 53 |
| 60 | Cardiolipin-Specific Peroxidase Reactions of Cytochrome c in Mitochondria During Irradiation-Induced Apoptosis. International Journal of Radiation Oncology Biology Physics, 2007, 69, 176-186. | 0.8 | 52 |
| 61 | An NF1-like Protein Functions as a Repressor of the von Willebrand Factor Promoter. Journal of Biological Chemistry, 1996, 271, 21413-21421. | 3.4 | 49 |
| 62 | Bone Marrow Origin of Cells with Capacity for Homing and Differentiation to Esophageal Squamous Epithelium. Radiation Research, 2004, 162, 233-240. | 1.5 | 49 |
| 63 | 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 |
| 64 | 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 |
| 65 | The role of endothelial cells in tumor invasion and metastasis. Journal of Neuro-Oncology, 1995, 23, 99-108. | 2.9 | 47 |
| 66 | Ascorbate as a â€œredox sensorâ€•and protector against irradiation-induced oxidative stress in 32D CL 3 hematopoietic cells and subclones overexpressing human manganese superoxide dismutase. International Journal of Radiation Oncology Biology Physics, 2004, 58, 851-861. | 0.8 | 45 |
| 67 | Effects of MnSOD-Plasmid Liposome Gene Therapy on Antioxidant Levels in Irradiated Murine Oral Cavity Orthotopic Tumors. Radiation Research, 2007, 167, 289-297. | 1.5 | 44 |
| 68 | The mitochondria-targeted nitroxide JP4-039 augments potentially lethal irradiation damage repair. In Vivo, 2009, 23, 717-26. | 1.3 | 44 |
| 69 | Overexpression of the human manganese superoxide dismutase (MnSOD) transgene in subclones of murine hematopoietic progenitor cell line 32D cl 3 decreases irradiation-induced apoptosis but does not alter G2/M or G1/S phase cell cycle arrest. Radiation Oncology Investigations, 1999, 7, 331-342. | 0.9 | 43 |
| 70 | Modulation of Radiation-Induced Life Shortening by Systemic Intravenous MnSOD-Plasmid Liposome Gene Therapy. Radiation Research, 2008, 170, 437-443. | 1.5 | 43 |
| 71 | Gene Transfer of Human Manganese Superoxide Dismutase Protects Small Intestinal Villi From Radiation Injury. Journal of Gastrointestinal Surgery, 2003, 7, 229-236. | 1.7 | 42 |
| 72 | Significance of p53 dynamics in regulating apoptosis in response to ionizing radiation and polypharmacological strategies. Scientific Reports, 2014, 4, 6245. | 3.3 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Successful treatment of metastatic sarcomas with cyclophosphamide, adriamycin, and DTIC (CAD). Cancer, 1980, 46, 1722-1726. | 4.1 | 40 |
| 74 | Nanoassembly of Surfactants with Interfacial Drug-Interactive Motifs as Tailor-Designed Drug Carriers. Molecular Pharmaceutics, 2013, 10, 187-198. | 4.6 | 40 |
| 75 | Multimodality therapy in the management of angiosarcoma of the breast. Cancer, 1982, 50, 2000-2003. | 4.1 | 39 |
| 76 | Plasmid/liposome transfer of the human manganese superoxide dismutase transgene prevents ionizing irradiation-induced apoptosis in human esophagus organ explant culture. International Journal of Cancer, 2000, 90, 128-137. | 5.1 | 39 |
| 77 | 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 |
| 78 | Release of spleen focus-forming virus (SFFV) from differentiation inducible promyelocytic leukemia cell lines transformed in vitro by friend leukemia virus. Virology, 1980, 105, 425-435. | 2.4 | 38 |
| 79 | GS-Nitroxide (JP4-039)-Mediated Radioprotection of Human Fanconi Anemia Cell Lines. Radiation Research, 2011, 176, 603-612. | 1.5 | 37 |
| 80 | A Topical Mitochondria-Targeted Redox-Cycling Nitroxide Mitigates Oxidative Stress-Induced Skin Damage. Journal of Investigative Dermatology, 2017, 137, 576-586. | 0.7 | 37 |
| 81 | Intraesophageal Manganese Superoxide Dismutase-Plasmid Liposomes Ameliorates Novel Total-Body and Thoracic Radiation Sensitivity of NOS1<sup>â^'/â^'</sup>Mice. Radiation Research, 2010, 174, 297-312. | 1.5 | 36 |
| 82 | 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 |
| 83 | Anti-Ferroptosis Drug Enhances Total-Body Irradiation Mitigation by Drugs that Block Apoptosis and Necroptosis. Radiation Research, 2020, 193, 435. | 1.5 | 36 |
| 84 | Survival of patients with localized high-grade soft tissue sarcoma with multimodality therapy: A matched control study. Cancer, 1983, 51, 396-401. | 4.1 | 35 |
| 85 | Radioprotection of Lung and Esophagus by Overexpression of the Human Manganese Superoxide Dismutase Transgene. Military Medicine, 2002, 167, 71-73. | 0.8 | 35 |
| 86 | 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 |
| 87 | Oxidative Lipidomics of Apoptosis: Quantitative Assessment of Phospholipid Hydroperoxides in Cells and Tissues. Methods in Molecular Biology, 2010, 610, 353-374. | 0.9 | 34 |
| 88 | Understanding the mechanism of radiation induced fibrosis and therapy options. , 2019, 204, 107399. | | 34 |
| 89 | 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 |
| 90 | Intraesophageal administration of GS-nitroxide (JP4-039) protects against ionizing irradiation-induced esophagitis. In Vivo, 2010, 24, 811-9. | 1.3 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Self-renewal of factor-dependent hemopoietic progenitor cell-lines derived from long-term bone marrow cultures demonstrates significant mouse strain genotypic variation. Journal of Supramolecular Structure, 1980, 13, 501-511. | 2.3 | 33 |
| 92 | Synergistic Effects of Hepatocyte Growth Factor on Human Cord Blood CD34 <sup>+</sup> Progenitor Cells are the Result of câ€•met Receptor Expression. Stem Cells, 1996, 14, 592-602. | 3.2 | 33 |
| 93 | Irradiated Esophageal Cells are Protected from Radiation-Induced Recombination by MnSOD Gene Therapy. Radiation Research, 2010, 173, 453-461. | 1.5 | 33 |
| 94 | 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 |
| 95 | 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 |
| 96 | 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 |
| 97 | Redox (phospho)lipidomics of signaling in inflammation and programmed cell death. Journal of Leukocyte Biology, 2019, 106, 57-81. | 3.3 | 33 |
| 98 | Radiobiologic effects of GS-nitroxide (JP4-039) on the hematopoietic syndrome. In Vivo, 2011, 25, 315-23. | 1.3 | 33 |
| 99 | Manganese superoxide dismutase-plasmid/liposome (MnSOD-PL) intratracheal gene therapy reduction of irradiation-induced inflammatory cytokines does not protect orthotopic Lewis lung carcinomas. In Vivo, 2003, 17, 13-21. | 1.3 | 33 |
| 100 | Persistent production of colony-stimulating factor (CSF-1) by cloned bone marrow stromal cell line D2XRII after X-irradiation. Journal of Cellular Physiology, 1986, 126, 407-413. | 4.1 | 32 |
| 101 | Hematopoietic Stem Cell Regeneration Enhanced by Ectopic Expression of ROS-detoxifying Enzymes in Transplant Mice. Molecular Therapy, 2013, 21, 423-432. | 8.2 | 32 |
| 102 | Role of Bone Marrow Stromal Cells in Irradiation Leukemogenesis. Acta Haematologica, 1996, 96, 1-15. | 1.4 | 31 |
| 103 | MYC Promotes Bone Marrow Stem Cell Dysfunction in Fanconi Anemia. Cell Stem Cell, 2021, 28, 33-47.e8. | 11.1 | 31 |
| 104 | Modulation of Redox Signal Transduction Pathways in the Treatment of Cancer. Antioxidants and Redox Signaling, 2001, 3, 347-359. | 5.4 | 30 |
| 105 | Increased longevity of hematopoiesis in continuous bone marrow cultures derived from NOS1 (nNOS,) Tj ETQq1 1 0.784314 rgBT /Ov<br>marrow stromal cells. Experimental Hematology, 2007, 35, 137-145. | 0.4 | 29 |
| 106 | The autophagy-inducing drug carbamazepine is a radiation protector and mitigator. International Journal of Radiation Biology, 2011, 87, 1052-1060. | 1.8 | 29 |
| 107 | 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 |
| 108 | Strategies for Discovery of Small Molecule Radiation Protectors and Radiation Mitigators. Frontiers in Oncology, 2011, 1, 59. | 2.8 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Amelioration of Radiation-Induced Pulmonary Fibrosis by a Water-Soluble Bifunctional Sulfoxide Radiation Mitigator (MMS350). Radiation Research, 2013, 180, 474. | 1.5 | 28 |
| 110 | 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 |
| 111 | Correlation of ionizing irradiation-induced late pulmonary fibrosis with long-term bone marrow culture fibroblast progenitor cell biology in mice homozygous deletion recombinant negative for endothelial cell adhesion molecules. In Vivo, 2004, 18, 1-14. | 1.3 | 28 |
| 112 | Alteration in hematopoietic stem cell seeding and proliferation by both high and low dose rate irradiation of bone marrow stromal cells in vitro. International Journal of Radiation Oncology Biology Physics, 1988, 14, 85-94. | 0.8 | 27 |
| 113 | Increased longevity of hematopoiesis in continuous bone marrow cultures and adipocytogenesis in marrow stromal cells derived from Smad3â^'/â^' mice. Experimental Hematology, 2005, 33, 353-362. | 0.4 | 27 |
| 114 | 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 |
| 115 | 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 |
| 116 | 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 |
| 117 | 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 |
| 118 | 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 |
| 119 | MnSOD-plasmid liposome gene therapy decreases ionizing irradiation-induced lipid peroxidation of the esophagus. In Vivo, 2005, 19, 997-1004. | 1.3 | 27 |
| 120 | Overexpression of manganese superoxide dismutase (MnSOD) in whole lung or alveolar type II cells of MnSOD transgenic mice does not provide intrinsic lung irradiation protection. International Journal of Cancer, 2001, 96, 11-21. | 5.1 | 26 |
| 121 | A Manganeseâ€"Porphyrin Complex Decomposes H<sub>2</sub>O<sub>2</sub>, Inhibits Apoptosis, and Acts as a Radiation Mitigator in Vivo. ACS Medicinal Chemistry Letters, 2011, 2, 814-817. | 2.8 | 26 |
| 122 | Adipocyte differentiation in Sod2â^'/â^' and Sod2+/+ murine bone marrow stromal cells is associated with low antioxidant pools. Experimental Hematology, 2005, 33, 1201-1208. | 0.4 | 25 |
| 123 | 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 |
| 124 | Necrostatin-1 rescues mice from lethal irradiation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 850-856. | 3.8 | 22 |
| 125 | Protection of esophageal multi-lineage progenitors of squamous epithelium (stem cells) from ionizing irradiation by manganese superoxide dismutase-plasmid/liposome (MnSOD-PL) gene therapy. In Vivo, 2005, 19, 965-74. | 1.3 | 22 |
| 126 | Activation of NO donors in mitochondria: Peroxidase metabolism of (2â€hydroxyaminoâ€vinyl)â€triphenylâ€phosphonium by cytochrome c releases NO and protects cells against apoptosis. FEBS Letters, 2008, 582, 725-728. | 2.8 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | 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 |
| 128 | Results of multifield conformal radiation therapy of nonsmall-cell lung carcinoma using multileaf collimation beams. Radiation Oncology Investigations, 1999, 7, 297-308. | 0.9 | 20 |
| 129 | The HSP90 Inhibitor Ganetespib Radiosensitizes Human Lung Adenocarcinoma Cells. Cancers, 2015, 7, 876-907. | 3.7 | 20 |
| 130 | Interferon Î² drives intestinal regeneration after radiation. Science Advances, 2021, 7, eabi5253. | 10.3 | 20 |
| 131 | Reduced irradiation pulmonary fibrosis and stromal cell migration in Smad3-/- marrow chimeric mice. In Vivo, 2006, 20, 573-82. | 1.3 | 20 |
| 132 | Bone marrow stromal proteoglycan heterogeneity: Phenotypic variability between cell lines and the effects of glucocorticoid. Journal of Cellular Physiology, 1988, 136, 182-187. | 4.1 | 19 |
| 133 | Extended self-renewal capacity of pluripotent hemopoietic stem cells: Association with persistent friend spleen focus-forming virus. Cell, 1982, 31, 731-738. | 28.9 | 18 |
| 134 | Synthetic Protection Short Interfering RNA Screen Reveals Glyburide as a Novel Radioprotector. Radiation Research, 2009, 172, 414. | 1.5 | 18 |
| 135 | Blastogenesis of Large Granular Lymphocytes in Nonlymphoid Organs. Journal of Leukocyte Biology, 1988, 43, 492-501. | 3.3 | 17 |
| 136 | Are mitochondrial reactive oxygen species required for autophagy?. Biochemical and Biophysical Research Communications, 2011, 412, 55-60. | 2.1 | 17 |
| 137 | Antioxidant Approaches to Management of Ionizing Irradiation Injury. Antioxidants, 2015, 4, 82-101. | 5.1 | 17 |
| 138 | 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 |
| 139 | The GS-nitroxide JP4-039 improves intestinal barrier and stem cell recovery in irradiated mice. Scientific Reports, 2018, 8, 2072. | 3.3 | 17 |
| 140 | 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 |
| 141 | Second-generation Probiotics Producing IL-22 Increase Survival of Mice After Total Body Irradiation. In Vivo, 2020, 34, 39-50. | 1.3 | 17 |
| 142 | In vitro differentiation capacity of esophageal progenitor cells with capacity for homing and repopulation of the ionizing irradiation-damaged esophagus. In Vivo, 2004, 18, 675-85. | 1.3 | 17 |
| 143 | A Small Molecule Screen Exposes mTOR Signaling Pathway Involvement in Radiation-Induced Apoptosis. ACS Chemical Biology, 2016, 11, 1428-1437. | 3.4 | 16 |
| 144 | Synthesis and Evaluation of a Mitochondria-Targeting Poly(ADP-ribose) Polymerase-1 Inhibitor. ACS Chemical Biology, 2018, 13, 2868-2879. | 3.4 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | 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 |
| 146 | Redox Epiphospholipidome in Programmed Cell Death Signaling: Catalytic Mechanisms and Regulation. Frontiers in Endocrinology, 2020, 11, 628079. | 3.5 | 16 |
| 147 | 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 |
| 148 | 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 |
| 149 | Overexpression of the MnSOD Transgene Product Protects Cryopreserved Bone Marrow Hematopoietic Progenitor Cells from Ionizing Radiation. Radiation Research, 2007, 168, 560-566. | 1.5 | 15 |
| 150 | Regulation of the Anaphase-promoting Complexâ€“Separase Cascade by Transforming Growth Factor-Î² Modulates Mitotic Progression in Bone Marrow Stromal Cells. Molecular Biology of the Cell, 2008, 19, 5446-5455. | 2.1 | 15 |
| 151 | Radioprotection by shortâ€term oxidative preconditioning: Role of manganese superoxide dismutase. FEBS Letters, 2009, 583, 3437-3442. | 2.8 | 15 |
| 152 | Effectiveness of Analogs of the GS-Nitroxide, JP4-039, as Total Body Irradiation Mitigators. In Vivo, 2017, 31, 39-44. | 1.3 | 15 |
| 153 | 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 |
| 154 | Inactivation of RIP3 kinase sensitizes to 15LOX/PEBP1-mediated ferroptotic death. Redox Biology, 2022, 50, 102232. | 9.0 | 15 |
| 155 | Effect of EGFR antagonists gefitinib (Iressa) and C225 (Cetuximab) on MnSOD-plasmid liposome transgene radiosensitization of a murine squamous cell carcinoma cell line. In Vivo, 2006, 20, 791-6. | 1.3 | 15 |
| 156 | Conditional Radioresistance of tet-Inducible Manganese Superoxide Dismutase Bone Marrow Stromal Cell Lines. Radiation Research, 2013, 180, 189. | 1.5 | 14 |
| 157 | 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 |
| 158 | Role of stromal and hematopoietic stem cells in Friend spleen focus forming virus effects in continuous bone marrow culture. Leukemia Research, 1983, 7, 621-636. | 0.8 | 13 |
| 159 | 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 |
| 160 | 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 |
| 161 | Space Radiation Protection Countermeasures in Microgravity and Planetary Exploration. Life, 2021, 11, 829. | 2.4 | 13 |
| 162 | Increased Adipocytogenesis and Hematopoiesis in Long-Term Bone Marrow Cultures from SMAD3â^'/â^' Mice.. Blood, 2004, 104, 1298-1298. | 1.4 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Increased Radioresistance, G2/M Checkpoint Inhibition, and Impaired Migration of Bone Marrow Stromal Cell Lines Derived from Smad3â^'/â^'Mice. Radiation Research, 2006, 165, 671-677. | 1.5 | 12 |
| 164 | Identification of Druggable Targets for Radiation Mitigation Using a Small Interfering RNA Screening Assay. Radiation Research, 2012, 178, 150. | 1.5 | 12 |
| 165 | Antioxidant Therapeutic Approaches Toward Amelioration of the Pulmonary Pathophysiological Damaging Effects of Ionizing Irradiation. Current Respiratory Medicine Reviews, 2007, 3, 29-37. | 0.2 | 11 |
| 166 | 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 |
| 167 | Amelioration of radiation esophagitis by orally administered p53/Mdm2/Mdm4 inhibitor (BEB55) or GS-nitroxide. In Vivo, 2011, 25, 841-8. | 1.3 | 11 |
| 168 | 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 |
| 169 | Radioprotection of lung and esophagus by overexpression of the human manganese superoxide dismutase transgene. Military Medicine, 2002, 167, 71-3. | 0.8 | 11 |
| 170 | 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 |
| 171 | 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 |
| 172 | Repopulation of the irradiation damaged lung with bone marrow-derived cells. In Vivo, 2012, 26, 9-18. | 1.3 | 10 |
| 173 | The pathophysiology and management of spine metastasis from lung cancer. Journal of Neuro-Oncology, 1995, 23, 109-120. | 2.9 | 9 |
| 174 | Can Radiosensitivity Associated with Defects in DNA Repair be Overcome by Mitochondrial-Targeted Antioxidant Radioprotectors. Frontiers in Oncology, 2014, 4, 24. | 2.8 | 9 |
| 175 | Bone Marrow Small Molecule Radioprotectors.. Blood, 2007, 110, 4096-4096. | 1.4 | 9 |
| 176 | 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 |
| 177 | Esophageal radioprotection by swallowed JP4-039/F15 in thoracic-irradiated mice with transgenic lung tumors. In Vivo, 2014, 28, 435-40. | 1.3 | 9 |
| 178 | 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 |
| 179 | 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 |
| 180 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Inhibition of TGFÎ²1 and TGFÎ²3 promotes hematopoiesis in Fanconi anemia. Experimental Hematology, 2021, 93, 70-84.e4. | 0.4 | 8 |
| 182 | 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 |
| 183 | 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 |
| 184 | The presence of the Rb c-box peptide in the cytoplasm inhibits p210bcr-abl transforming function. Oncogene, 1999, 18, 1589-1595. | 5.9 | 7 |
| 185 | Development of tensile strength methodology for murine skin wound healing. MethodsX, 2018, 5, 337-344. | 1.6 | 7 |
| 186 | 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 |
| 187 | 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 |
| 188 | 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 |
| 189 | Effects of mouse genotype on bone wound healing and irradiation-induced delay of healing. In Vivo, 2014, 28, 189-96. | 1.3 | 7 |
| 190 | Ionizing irradiation-induced Fgr in senescent cells mediates fibrosis. Cell Death Discovery, 2021, 7, 349. | 4.7 | 7 |
| 191 | Multipotential hemopoietic cell lines isolated from stem cell cultures infected with friend virus complex (MuLV + F-SFFV) show presence of MuLV but not F-SFFV. Leukemia Research, 1986, 10, 187-193. | 0.8 | 6 |
| 192 | Leucocyte Alkaline Phosphatase Elevation in Human Acute Leukaemia Derived Cell Lines Cultured in Diffusion Chambers. Scandinavian Journal of Haematology, 1977, 19, 242-254. | 0.0 | 6 |
| 193 | l-Arginine is a Radioprotector for Hematopoietic Progenitor Cells. Radiation Research, 2011, 177, 792. | 1.5 | 6 |
| 194 | Dysregulated inÂvitro hematopoiesis, radiosensitivity, proliferation, and osteoblastogenesis with marrow from SAMP6 mice. Experimental Hematology, 2012, 40, 499-509. | 0.4 | 6 |
| 195 | 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 |
| 196 | Friend virus-infected long-term bone marrow cultures produce colony stimulating factor dependent and independent granulocyte-macrophage progenitor cells for over four years in vitro. Leukemia Research, 1987, 11, 51-61. | 0.8 | 5 |
| 197 | Effects of gammaâ€irradiation on the Mâ€CSFâ€promoter linked to a chloramphenicol aminoacyl transferase reporter gene expressed in a clonal murine bone marrow stromal cell line. Stem Cells, 1994, 12, 87-94. | 3.2 | 5 |
| 198 | Fanconi Anemia Mouse Genotype-specific Mitigation of Total Body Irradiation by GS-Nitroxide JP4-039. In Vivo, 2020, 34, 33-38. | 1.3 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | 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 |
| 200 | Gene Therapy for Systemic or Organ Specific Delivery of Manganese Superoxide Dismutase. Antioxidants, 2021, 10, 1057. | 5.1 | 5 |
| 201 | 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 |
| 202 | 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 |
| 203 | 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 |
| 204 | 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 |
| 205 | Amelioration of Amyotrophic Lateral Sclerosis in SOD1<sup>G93A</sup>Mice by M<sub>2</sub>Microglia from Transplanted Marrow. In Vivo, 2019, 33, 675-688. | 1.3 | 4 |
| 206 | Increased Engraftment of Bone Marrow Progenitors of Esophageal Stem Cells by Intraesophageal Administration of Manganese Superoxide Dismutase Plasmid/Liposomes (MnSOD-PL) 24 hr before Irradiation.. Blood, 2007, 110, 3695-3695. | 1.4 | 4 |
| 207 | Druggable Genome siRNA-Screening Identifies Glybenclamide as a Radioprotector against Total Body Irradiation. Blood, 2008, 112, 504-504. | 1.4 | 4 |
| 208 | Investigation of the effects of aging on homologous recombination in long-term bone marrow cultures. In Vivo, 2009, 23, 669-77. | 1.3 | 4 |
| 209 | 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 |
| 210 | 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 |
| 211 | Effect of the irradiated microenvironment on the expression and retrotransposition of intracisternal type A particles in hematopoietic cells. Experimental Hematology, 2000, 28, 680-689. | 0.4 | 3 |
| 212 | Radioresistance of Serpinb3aâ^'/â^' Mice and Derived Hematopoietic and Marrow Stromal Cell Lines. Radiation Research, 2019, 192, 267. | 1.5 | 3 |
| 213 | Amelioration of Mucositis in Proton Therapy of Fanconi Anemia Fanca<sup>â^'/â^'</sup> Mice by JP4-039. In Vivo, 2019, 33, 1757-1766. | 1.3 | 3 |
| 214 | Evolution of malignant plasmacytoma cell lines from K14E7 Fancd2â^'/â^' mouse long-term bone marrow cultures. Oncotarget, 2016, 7, 68449-68472. | 1.8 | 3 |
| 215 | Ionizing irradiation protection and mitigation of murine cells by carbamazepine is p53 and autophagy independent. In Vivo, 2012, 26, 341-54. | 1.3 | 3 |
| 216 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | 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 |
| 218 | 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 |
| 219 | Increased formation of diacylglycerol in tumor cells that are resistant to ionizing radiations. Radiation Oncology Investigations, 1994, 2, 20-24. | 0.9 | 2 |
| 220 | Gene Therapy in Radiotherapy of Cancer. , 2014, , 123-133. | | 2 |
| 221 | Quantitative evaluation of radiation oncologistsâ€™ adaptability to lower reimbursing treatment programs. Practical Radiation Oncology, 2015, 5, 267-273. | 2.1 | 2 |
| 222 | Combined injury: irradiation with skin or bone wounds in rodent models. Journal of Radiological Protection, 2021, 41, S561-S577. | 1.1 | 2 |
| 223 | 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 |
| 224 | Virus and Cell Requirements for Friend Virus Granulocytic Leukemogenesis in Long-Term Bone Marrow Cultures of NIH Swiss [N:NIH(S)] Mice<xref ref-type="fn" rid="FN2">2</xref><xref ref-type="fn" rid="FN3">3</xref>. Journal of the National Cancer Institute, 0, , . | 6.3 | 1 |
| 225 | Expression of the transcriptional activator tax protein of human T-cell leukemia virus type I increases the radiosensitivity of a mouse fibroblast cell line to ionizing radiation. Radiation Oncology Investigations, 1993, 1, 131-136. | 0.9 | 1 |
| 226 | Overexpression of a synthetic phosphotyrosine protein phosphatase gene increases radiosensitivity in vitro of normal and transformed murine NIH/3T3 fibroblasts. Radiation Oncology Investigations, 1996, 4, 1-8. | 0.9 | 1 |
| 227 | Malignant Transformation of Fanconi Anemia Complementation Group D2-deficient (Fancd2â^'/â^') Hematopoietic Progenitor Cells by a Single HPV16 Oncogene. In Vivo, 2019, 33, 303-311. | 1.3 | 1 |
| 228 | A Mitochondrially Targeted Nitroxide JP4-039 Protects and Mitigates against Total Body Irradiation Induced Hematopoietic Syndrome. Blood, 2008, 112, 4721-4721. | 1.4 | 1 |
| 229 | Mitigation of Irradiation Induced Potentially Lethal Damage (PLD) in Hematopoietic Cells by Mitochondrial Localized GS-Nitroxide, JP4-039. Blood, 2008, 112, 4725-4725. | 1.4 | 1 |
| 230 | Intravenous Administration of Manganese Superoxide Dismutase-Plasmid Liposomes (MnSOD-PL) in a Mouse Model Protects Against Whole Body Irradiation.. Blood, 2007, 110, 2600-2600. | 1.4 | 1 |
| 231 | 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 |
| 232 | Abstract PO-081: LR-IL-22 protects the intestine to facilitate whole abdomen irradiation in ovarian cancer. , 2021, , . | | 0 |
| 233 | Decreased Total Body Irradiation (TBI)-Induced Apoptosis in Murine Hematopoietic Side Population Cells Compared to Non-Side Population Cells.. Blood, 2004, 104, 4241-4241. | 1.4 | 0 |
| 234 | Adipocyte Differentiation of SOD2â^'/â^' Mouse Bone Marrow Stromal Cells Is Associated with Decreased Antioxidant Reserves and Is Reversed by the Antioxidant WR2721 (Amifostine).. Blood, 2004, 104, 2342-2342. | 1.4 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | Two Cellular Components of Bone Marrow Origin Contribute to Pulmonary Irradiation Fibrosis.. Blood, 2005, 106, 1401-1401. | 1.4 | 0 |
| 236 | Absence of nNOS Increases Longevity of Long Term Bone Marrow Cultures and Radiation Resistance.. Blood, 2005, 106, 4197-4197. | 1.4 | 0 |
| 237 | Expression of the Smad3 Transgene Restores Radiosensitivity and Migratory Capacity to a Smad3â^'/â^' Clonal Bone Marrow Stromal Cell Line.. Blood, 2005, 106, 4307-4307. | 1.4 | 0 |
| 238 | Development of New Small Molecule Bone Marrow Radioprotectors.. Blood, 2005, 106, 4196-4196. | 1.4 | 0 |
| 239 | Thalidomide Sensitizes 32D cl 3 Hematopoietic Progenitor Cells to Ionizing Irradiation.. Blood, 2005, 106, 5139-5139. | 1.4 | 0 |
| 240 | Pretreatment of the Esophagus with Manganese Superoxide Dismutase Plasmid/Liposome Complex (MnSOD-PL) before Irradiation Results in Increased Migration and Proliferation of Marrow-Derived Stem Cell Progenitors in the Esophageal Squamous Epithelium.. Blood, 2006, 108, 5478-5478. | 1.4 | 0 |
| 241 | Transfection of Bone Marrow Cells In Vitro or In Vivo Prior to Cryopreservation with Manganese Superoxide Dismutase (MnSOD-PL) Protects Frozen Cells from Ionizing Irradiation.. Blood, 2006, 108, 5151-5151. | 1.4 | 0 |
| 242 | Neuronal/Mitochondrial Nitric Oxide Synthase Homologous Deletion Recombinant Negative Mice (NOS1 â^'/â^') Long-Term Bone Marrow Cultures (LTBMCs) Demonstrate Increased Longevity and Radioresistance of Derived Cell Lines.. Blood, 2006, 108, 1355-1355. | 1.4 | 0 |
| 243 | Intravenous Injection of Manganese Superoxide Dismutase Plasmid/Liposome Complexes (MnSOD-PL) Protects the Bone Marrow from Irradiation Damage.. Blood, 2006, 108, 5476-5476. | 1.4 | 0 |
| 244 | Increased Radioresistance of 32Dcl3 Murine Hematopoietic Progenitor Cells by Mitochondrial Targeting of a Catalase Transgene Product.. Blood, 2007, 110, 5139-5139. | 1.4 | 0 |
| 245 | Minicircle Plasmid Containing the Human Manganese Superoxide Dismutase (MnSOD) Transgene Confers Radioprotection to Hematopoietic Progenitor Cell Line 32Dcl3.. Blood, 2007, 110, 5138-5138. | 1.4 | 0 |
| 246 | Selective colonic irradiation induces urinary bladder overactivity. FASEB Journal, 2009, 23, 939.5. | 0.5 | 0 |
| 247 | Modulation of Neuronal Nitric Oxide Synthase (NOS1) Sensitized NOS1 -/- Mice to Total Body Irradiaton.. Blood, 2009, 114, 4597-4597. | 1.4 | 0 |
| 248 | Impaired Osseous Wound Healing Following Ionizing Irradiation Is Ameliorated by Mitochondrial Targeted Nitroxide JP4-039.. Blood, 2009, 114, 4576-4576. | 1.4 | 0 |
| 249 | Homing and Engraftment of Bone Marrow Derived Cells in Irradiated Mouse Lungs.. Blood, 2009, 114, 4600-4600. | 1.4 | 0 |
| 250 | Carbamazepine Is a Radioprotector and Radiation Damage Mitigator for Murine Hematopoietic Cell Line 32D Cl 3. Blood, 2010, 116, 4772-4772. | 1.4 | 0 |
| 251 | Effects of Sublethal Irradiation on Murine Bone Marrow. Blood, 2010, 116, 2243-2243. | 1.4 | 0 |
| 252 | Dysregulated Bone Wound Repair and Marrow Functions in Senescence Accelerated Mice (SAMP6),. Blood, 2011, 118, 3415-3415. | 1.4 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | Ionizing Irradiation Protection and Mitigation by Carbamazepine Is p53 and Autophagy Independent,. Blood, 2011, 118, 3400-3400. | 1.4 | 0 |
| 254 | Hematopoietic Stem Cell Repopulation Modulated by ROS-Detoxifying Enzymes,. Blood, 2011, 118, 4172-4172. | 1.4 | 0 |
| 255 | Pulmonary Endothelial Cell Irradiation Damage Signaling Initiates Late Fibrosis. Blood, 2012, 120, 4682-4682. | 1.4 | 0 |
| 256 | Serial Imaging of Luciferase Positive Bone Marrow Stromal Cell Migration to Form Radiation Pulmonary Fibrosis. Blood, 2012, 120, 4734-4734. | 1.4 | 0 |
| 257 | 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 |
| 258 | Disruption of the PI3K axis abrogates ionizing radiationâ€induced cell death. FASEB Journal, 2013, 27, 1181.7. | 0.5 | 0 |
| 259 | Radiosensitivity of Human Inducible Pluripotential Stem Cells (iPSCs). FASEB Journal, 2013, 27, 530.1. | 0.5 | 0 |
| 260 | Bioengineering of Irradiated Normal Tissues by Bone Marrow Stem Cells. Medical Radiology, 2014, , 191-203. | 0.1 | 0 |
| 261 | Pulmonary Irradiation Fibrosis Is Preceded By Increased Endothelial Cell Gene Expression. Blood, 2013, 122, 5569-5569. | 1.4 | 0 |
| 262 | 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 |
| 263 | 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 |
| 264 | Gene Therapy for Mucositis. , 2015, , 345-362. | | 0 |
| 265 | Radiosensitivity of Fancd2-/- mouse Bone Marrow Stromal Cells Is Altered By Abrogation of TGF-Î² Signaling. Blood, 2015, 126, 4796-4796. | 1.4 | 0 |
| 266 | 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 |
| 267 | 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 |
| 268 | Transformed Phenotype of Bone Marrow Stromal Cell Lines Derived from K14E7 Fancd2-/- mice. Blood, 2015, 126, 4795-4795. | 1.4 | 0 |
| 269 | 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 |
| 270 | Radiation Resistance of Double Knockout (DKO) Smad3-/- Fancd2-/- (129/Sv) Mouse Bone Marrow Stromal Cell Lines. Blood, 2016, 128, 3901-3901. | 1.4 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | 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 |
| 272 | Hemopoietic Progenitor Cells from the Bone Marrow of Serpinb3A-/- Mice Are Radioresistant. Blood, 2016, 128, 2680-2680. | 1.4 | 0 |
| 273 | TGF-B Inhibition Rescues Hematopoietic Defects in Fanconi Anemia. Blood, 2018, 132, SCI-29-SCI-29. | 1.4 | 0 |
| 274 | Organ-specific responses of total body irradiated doxycycline-inducible manganese superoxide dismutase Tet/Tet mice. In Vivo, 2014, 28, 1033-43. | 1.3 | 0 |
| 275 | 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 |
| 276 | A Mobile Alert System for Preparing the Delivery of Radiation Mitigators. In Vivo, 2015, 29, 505-13. | 1.3 | 0 |
| 277 | Radioprotective Gene Therapy: Current Status and Future Goals. , 0, , 341-375. | | 0 |