William H Mcbride

List of Publications by Year
in descending order

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84	5,734	117625	76900
papers	citations	34	74
		h-index	g-index

87	87	87	7616
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CSF1R Signaling Blockade Stanches Tumor-Infiltrating Myeloid Cells and Improves the Efficacy of Radiotherapy in Prostate Cancer. Cancer Research, 2013, 73, 2782-2794.	0.9	469
2	Opportunities and challenges of radiotherapy for treating cancer. Nature Reviews Clinical Oncology, 2015, 12, 527-540.	27.6	452
3	Maximizing Tumor Immunity With Fractionated Radiation. International Journal of Radiation Oncology Biology Physics, 2012, 83, 1306-1310.	0.8	446
4	Animal Models for Medical Countermeasures to Radiation Exposure. Radiation Research, 2010, 173, 557-578.	1.5	364
5	Induction of acute phase gene expression by brain irradiation. International Journal of Radiation Oncology Biology Physics, 1995, 33, 619-626.	0.8	314
6	A Sense of Danger from Radiation1. Radiation Research, 2004, 162, 1-19.	1.5	306
7	Cytokines in Radiobiological Responses: A Review. Radiation Research, 2012, 178, 505-523.	1.5	301
8	Macrophages From Irradiated Tumors Express Higher Levels of iNOS, Arginase-I and COX-2, and Promote Tumor Growth. International Journal of Radiation Oncology Biology Physics, 2007, 68, 499-507.	0.8	206
9	Focal Irradiation and Systemic TGFÎ² Blockade in Metastatic Breast Cancer. Clinical Cancer Research, 2018, 24, 2493-2504.	7.0	201
10	Radiation and Inflammation. Seminars in Radiation Oncology, 2015, 25, 4-10.	2.2	185
11	Ionizing Radiation Activates the Nrf2 Antioxidant Response. Cancer Research, 2010, 70, 8886-8895.	0.9	176
12	T-Cell Responses to Survivin in Cancer Patients Undergoing Radiation Therapy. Clinical Cancer Research, 2008, 14, 4883-4890.	7.0	135
13	The role of the ubiquitin/proteasome system in cellular responses to radiation. Oncogene, 2003, 22, 5755-5773.	5.9	134
14	Radiotherapy Decreases Vascular Density and Causes Hypoxia with Macrophage Aggregation in TRAMP-C1 Prostate Tumors. Clinical Cancer Research, 2009, 15, 1721-1729.	7.0	117
15	Ionizing Radiation Affects Human MART-1 Melanoma Antigen Processing and Presentation by Dendritic Cells. Journal of Immunology, 2004, 173, 2462-2469.	0.8	107
16	Links between Innate Immunity and Normal Tissue Radiobiology. Radiation Research, 2010, 173, 406-417.	1.5	104
17	Compartmental responses after thoracic irradiation of mice: Strain differences. International Journal of Radiation Oncology Biology Physics, 2005, 62, 862-871.	0.8	96
18	Molecular Response to Cetuximab and Efficacy of Preoperative Cetuximab-Based Chemoradiation in Rectal Cancer. Journal of Clinical Oncology, 2009, 27, 2751-2757.	1.6	94

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19	Comparison of the Gastrointestinal Syndrome after Total-Body or Total-Abdominal Irradiation. Radiation Research, 1989, 117, 480.	1.5	83
20	High-Throughput Screening Identifies Two Classes of Antibiotics as Radioprotectors: Tetracyclines and Fluoroquinolones. Clinical Cancer Research, 2009, 15, 7238-7245.	7.0	64
21	Radiationâ€induced tissue damage and response. Journal of Pathology, 2020, 250, 647-655.	4.5	63
22	Bronchoalveolar lavage and interstitial cells have different roles in radiation-induced lung injury. International Journal of Radiation Biology, 2003, 79, 159-167.	1.8	62
23	Interleukin-4 Downregulates Interleukin-6 Production in Human Peripheral Blood Mononuclear Cells. Journal of Leukocyte Biology, 1990, 47, 475-479.	3.3	52
24	Cutaneous wound healing through paradoxical MAPK activation by BRAF inhibitors. Nature Communications, 2016, 7, 12348.	12.8	52
25	Cytokine cascades in late normal tissue radiation responses. International Journal of Radiation Oncology Biology Physics, 1995, 33, 233-234.	0.8	50
26	Protective Properties of Radio-Chemoresistant Glioblastoma Stem Cell Clones Are Associated with Metabolic Adaptation to Reduced Glucose Dependence. PLoS ONE, 2013, 8, e80397.	2.5	48
27	Defined Sensing Mechanisms and Signaling Pathways Contribute to the Global Inflammatory Gene Expression Output Elicited by Ionizing Radiation. Immunity, 2017, 47, 421-434.e3.	14.3	43
28	Protection against Radiation-Induced Bone Marrow and Intestinal Injuries by Cordyceps sinensis, a Chinese Herbal Medicine. Radiation Research, 2006, 166, 900-907.	1.5	42
29	Myelin-associated changes in mouse brain following irradiation. Radiotherapy and Oncology, 1993, 27, 229-236.	0.6	38
30	Bone morphogenetic protein 7 sensitizes O6-methylguanine methyltransferase expressing-glioblastoma stem cells to clinically relevant dose of temozolomide. Molecular Cancer, 2015, 14, 189.	19.2	38
31	Production of 13-Hydroxyoctadecadienoic Acid and Tumor Necrosis Factor-Î± by Murine Peritoneal Macrophages in Response to Irradiation. Radiation Research, 1994, 139, 103.	1.5	37
32	Combining radiation therapy with interleukin-3 gene immunotherapy. Cancer Gene Therapy, 2000, 7, 1172-1178.	4.6	37
33	Functional phenotype of macrophages depends on assay procedures. International Immunology, 2008, 20, 215-222.	4.0	36
34	Radiotherapy for genes that cause cancer. Nature Medicine, 1995, 1, 1215-1217.	30.7	34
35	Prostratin and Bortezomib are Novel Inducers of Latent Kaposi'S Sarcoma-Associated Herpesvirus. Antiviral Therapy, 2005, 10, 745-751.	1.0	34
36	Tumor-specific T helper activity can be abrogated by two distinct suppressor cell mechanisms. European Journal of Immunology, 1982, 12, 671-675.	2.9	32

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37	NF-Î²B, Cytokines, Proteasomes, and Low-Dose Radiation Exposure. Military Medicine, 2002, 167, 66-67.	0.8	32
38	Baseline T cell dysfunction by single cell network profiling in metastatic breast cancer patients. , 2019, 7, 177.		32
39	The effect of single doses of radiation on mouse spinal cord. International Journal of Radiation Oncology Biology Physics, 1992, 22, 57-63.	0.8	31
40	Marrow-Derived Stromal Cell Delivery on Fibrin Microbeads Can Correct Radiation-Induced Wound-Healing Deficits. Journal of Investigative Dermatology, 2013, 133, 553-561.	0.7	31
41	Integration of Epidermal Growth Factor Receptor Inhibitors with Preoperative Chemoradiation. Clinical Cancer Research, 2010, 16, 2709-2714.	7.0	29
42	High throughput screening of small molecule libraries for modifiers of radiation responses. International Journal of Radiation Biology, 2011, 87, 839-845.	1.8	29
43	Identification of miRNA signatures associated with radiation-induced late lung injury in mice. PLoS ONE, 2020, 15, e0232411.	2.5	29
44	Current Status and Recommendations for the Future ofÂResearch, Teaching, and Testing in the Biological Sciences of Radiation Oncology: Report of the American Society for Radiation Oncology Cancer Biology/Radiation Biology Task Force, Executive Summary. International Journal of Radiation Oncology Biology Physics, 2014, 88, 11-17.	0.8	26
45	Plasticity of Myeloid Cells during Oral Barrier Wound Healing and the Development of Bisphosphonate-related Osteonecrosis of the Jaw. Journal of Biological Chemistry, 2016, 291, 20602-20616.	3.4	26
46	Properties of an Antigenic Polysaccharide from Corynebacterium parvum. Journal of Bacteriology, 1974, 120, 24-30.	2.2	23
47	In vitro and in vivo evaluation of the radiosensitizing effect of a selective FGFR inhibitor (JNJ-42756493) for rectal cancer. BMC Cancer, 2015, 15, 946.	2.6	21
48	NF-kappa B, cytokines, proteasomes, and low-dose radiation exposure. Military Medicine, 2002, 167, 66-7.	0.8	20
49	Modifying Radiation Damage. Current Drug Targets, 2010, 11, 1352-1365.	2.1	19
50	Cordyceps sinensis Health Supplement Enhances Recovery from Taxol-Induced Leukopenia. Experimental Biology and Medicine, 2008, 233, 447-455.	2.4	18
51	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
52	Small lipidated anti-obesity compounds derived from neuromedin U. European Journal of Medicinal Chemistry, 2015, 101, 616-626.	5.5	17
53	Defenses against Pro-oxidant Forces - Maintenance of Cellular and Genomic Integrity and Longevity. Radiation Research, 2018, 190, 331.	1.5	17
54	The Aftermath of Surviving Acute Radiation Hematopoietic Syndrome and its Mitigation. Radiation Research, 2019, 191, 323.	1.5	17

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55	Modification of Tumor Microenvironment by Cytokine Gene Transfer. Acta OncolÃ³gica, 1995, 34, 447-451.	1.8	15
56	5-Aminoimidazole-4-Carboxamide Riboside Enhances Effect of Ionizing Radiation in PC3 Prostate Cancer Cells. International Journal of Radiation Oncology Biology Physics, 2011, 81, 1515-1523.	0.8	15
57	Tumor Size Mattersâ€"Understanding Concomitant Tumor Immunity in the Context of Hypofractionated Radiotherapy with Immunotherapy. Cancers, 2020, 12, 714.	3.7	15
58	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
59	4-(Nitrophenylsulfonyl)piperazines mitigate radiation damage to multiple tissues. PLoS ONE, 2017, 12, e0181577.	2.5	14
60	Changes in Imaging and Cognition in Juvenile Rats After Whole-Brain Irradiation. International Journal of Radiation Oncology Biology Physics, 2016, 96, 470-478.	0.8	13
61	Irradiation to Improve the Response to Immunotherapeutic Agents in Glioblastomas. Advances in Radiation Oncology, 2019, 4, 268-282.	1.2	13
62	Small Azurin Derived Peptide Targets Ephrin Receptors for Radiotherapy. International Journal of Peptide Research and Therapeutics, 2011, 17, 247-257.	1.9	11
63	Novel dimeric Smac analogs as prospective anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1452-1457.	2.2	11
64	Interleukin 32 expression in human melanoma. Journal of Translational Medicine, 2019, 17, 113.	4.4	11
65	Effect of Nicotinamide and Pentoxifylline on Normal Tissue and fsa Tumor Oxygenation. Acta OncolÃ³gica, 1995, 34, 391-395.	1.8	10
66	Factors affecting tumor 18â€‰F-FDG uptake in longitudinal mouse PET studies. EJNMMI Research, 2013, 3, 51.	2.5	10
67	A perspective on the impact of radiation therapy on the immune rheostat. British Journal of Radiology, 2017, 90, 20170272.	2.2	9
68	A Fork in the Road: Choosing the Path of Relevance. International Journal of Radiation Oncology Biology Physics, 2015, 92, 214-216.	0.8	8
69	Bridged Analogues for p53-Dependent Cancer Therapy Obtained by S-Alkylation. International Journal of Peptide Research and Therapeutics, 2016, 22, 67-81.	1.9	8
70	1-[(4-Nitrophenyl)sulfonyl]-4-phenylpiperazine increases the number of Peyerâ€™s patch-associated regenerating crypts in the small intestines after radiation injury. Radiotherapy and Oncology, 2019, 132, 8-15.	0.6	8
71	Timeâ€Dependent Measurement of Nrf2â€Regulated Antioxidant Response to Ionizing Radiation Toward Identifying Potential Protein Biomarkers for Acute Radiation Injury. Proteomics - Clinical Applications, 2019, 13, e1900035.	1.6	7
72	Integration of adenovirus thymidine kinase suicide-gene therapy with surgery and radiation therapy for malignant glioma. Future Oncology, 2012, 8, 17-20.	2.4	6

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73	Are animal models a necessity for acute radiation syndrome drug discovery?. Expert Opinion on Drug Discovery, 2019, 14, 511-515.	5.0	6
74	The Treatment of Patients with Metastatic Melanoma and Renal Cell Cancer Using In Vitro Expanded and Genetically-Engineered (Neomycin Phosphotransferase) Bulk, CD8(+) and/or CD4(+) Tumor Infiltrating Lymphocytes and Bulk, CD8(+) and/or CD4(+) Peripheral Blood Leukocytes in Combination with Recombinant Interleukin-2 Alone, or with Recombinant Interleukin-2 and Recombinant Alpha Interferon. Human Gene Therapy, 1992, 3, 411-430.	2.7	5
75	Active Combination Therapy of Bortezomib (Velcade) and Ibritumomab Tiuxetan (Zevalin) in an In Vivo Diffuse Large B-Cell Lymphoma Model.. Blood, 2005, 106, 2406-2406.	1.4	5
76	What's new in photoimmunology?. Photodermatology Photoimmunology and Photomedicine, 2004, 20, 126-128.	1.5	4
77	Lipid-conjugated Smac analogues. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4419-4427.	2.2	4
78	Classes of Drugs that Mitigate Radiation Syndromes. Frontiers in Pharmacology, 2021, 12, 666776.	3.5	4
79	If It Seems Too Good to Be Trueâ€¦. International Journal of Radiation Oncology Biology Physics, 2019, 103, 305-307.	0.8	3
80	Weak Magnetic Fields Enhance the Efficacy of Radiation Therapy. Advances in Radiation Oncology, 2021, 6, 100645.	1.2	3
81	Subverting misconceptions about radiation therapy. Nature Immunology, 2016, 17, 345-345.	14.5	2
82	Radiobiology of Subclinical Disease. Frontiers of Radiation Therapy and Oncology, 1994, 28, 46-50.	1.4	1
83	Position of lipidation influences anticancer activity of Smac analogs. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1628-1635.	2.2	0
84	A Small Molecule Inhibitor of Protein Tyrosine Phosphatase-Sigma (PTPÏƒ) Promotes Hematopoietic Stem Cell (HSC) Regeneration. Blood, 2016, 128, 822-822.	1.4	0