Deborah E Citrin

List of Publications by Year
in descending order

128	9,149	76196 40	40881 93
papers	citations	h-index	g-index

131	131	131	12999
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Durable Complete Responses in Heavily Pretreated Patients with Metastatic Melanoma Using T-Cell Transfer Immunotherapy. Clinical Cancer Research, 2011, 17, 4550-4557.	3.2	1,823
2	Adoptive Cell Therapy for Patients With Metastatic Melanoma: Evaluation of Intensive Myeloablative Chemoradiation Preparative Regimens. Journal of Clinical Oncology, 2008, 26, 5233-5239.	0.8	1,210
3	Radioprotectors and Mitigators of Radiation-Induced Normal Tissue Injury. Oncologist, 2010, 15, 360-371.	1.9	393
4	Increased intensity lymphodepletion and adoptive immunotherapyâ€"how far can we go?. Nature Clinical Practice Oncology, 2006, 3, 668-681.	4.3	318
5	Recent Developments in Radiotherapy. New England Journal of Medicine, 2017, 377, 1065-1075.	13.9	313
6	Clonally expanded CD4 ⁺ T cells can produce infectious HIV-1 in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1883-1888.	3.3	302
7	Randomized, Prospective Evaluation Comparing Intensity of Lymphodepletion Before Adoptive Transfer of Tumor-Infiltrating Lymphocytes for Patients With Metastatic Melanoma. Journal of Clinical Oncology, 2016, 34, 2389-2397.	0.8	293
8	CD8+ Enriched â€œYoungâ€•Tumor Infiltrating Lymphocytes Can Mediate Regression of Metastatic Melanoma. Clinical Cancer Research, 2010, 16, 6122-6131.	3.2	269
9	Inhibition of Bcl-2/xl With ABT-263 Selectively Kills Senescent Type II Pneumocytes and Reverses Persistent Pulmonary Fibrosis Induced by Ionizing Radiation in Mice. International Journal of Radiation Oncology Biology Physics, 2017, 99, 353-361.	0.4	172
10	Early responses to adenoviral-mediated transfer of the aquaporin-1 cDNA for radiation-induced salivary hypofunction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19403-19407.	3.3	167
11	Advances in 4D Medical Imaging and 4D Radiation Therapy. Technology in Cancer Research and Treatment, 2008, 7, 67-81.	0.8	159
12	Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. Journal of the National Cancer Institute, 2021, 113, 1285-1298.	3.0	156
13	Impacting tumor cell-fate by targeting the inhibitor of apoptosis protein survivin. Molecular Cancer, 2011, 10, 35.	7.9	130
14	Role of Type II Pneumocyte Senescence in Radiation-Induced Lung Fibrosis. Journal of the National Cancer Institute, 2013, 105, 1474-1484.	3.0	128
15	A Chemical Perspective on the Interplay Between NO, Reactive Oxygen Species, and Reactive Nitrogen Oxide Species. Annals of the New York Academy of Sciences, 2002, 962, 195-206.	1.8	126
16	In vitro and In vivo Radiation Sensitization of Human Tumor Cells by a Novel Checkpoint Kinase Inhibitor, AZD7762. Clinical Cancer Research, 2010, 16, 2076-2084.	3.2	125
17	Comparison of the reactivity of nitric oxide and nitroxyl with heme proteins. Journal of Inorganic Biochemistry, 2003, 93, 52-60.	1.5	114
18	Combining precision radiotherapy with molecular targeting and immunomodulatory agents: a guideline by the American Society for Radiation Oncology. Lancet Oncology, The, 2018, 19, e240-e251.	5.1	108

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19	Mesenchymal stem cells inhibit cutaneous radiation-induced fibrosis by suppressing chronic inflammation. Stem Cells, 2013, 31, 2231-2241.	1.4	93
20	In vitro and In vivo Radiosensitization with AZD6244 (ARRY-142886), an Inhibitor of Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase 1/2 Kinase. Clinical Cancer Research, 2009, 15, 3050-3057.	3.2	85
21	Heme Proteins and Nitric Oxide (NO): The Neglected, Eloquent Chemistry in NO Redox Signaling and Regulation. Antioxidants and Redox Signaling, 2003, 5, 307-317.	2.5	80
22	Application of a Macromolecular Contrast Agent for Detection of Alterations of Tumor Vessel Permeability Induced by Radiation. Clinical Cancer Research, 2004, 10, 7712-7720.	3.2	80
23	The Role of Radiation Therapy in the Management of Sarcomas. Surgical Clinics of North America, 2008, 88, 629-646.	0.5	77
24	Multimodal management of muscle-invasive bladder cancer. Current Problems in Cancer, 2014, 38, 80-108.	1.0	76
25	Mechanisms of Normal Tissue Injury From Irradiation. Seminars in Radiation Oncology, 2017, 27, 316-324.	1.0	76
26	Guide for the use of nitric oxide (NO) donors as probes of the chemistry of NO and related redox species in biological systems. Methods in Enzymology, 2002, 359, 84-105.	0.4	66
27	Cellular senescence and radiation-induced pulmonary fibrosis. Translational Research, 2019, 209, 14-21.	2.2	66
28	A dosimetric analysis of dose escalation using two intensity-modulated radiation therapy techniques in locally advanced pancreatic carcinoma. International Journal of Radiation Oncology Biology Physics, 2006, 65, 274-283.	0.4	62
29	IL-13 is a therapeutic target in radiation lung injury. Scientific Reports, 2016, 6, 39714.	1.6	62
30	Craniospinal Irradiation With Spinal IMRT to Improve Target Homogeneity. International Journal of Radiation Oncology Biology Physics, 2007, 68, 1402-1409.	0.4	61
31	Clinical impact of PSMA-based 18Fâ€“DCFBC PET/CT imaging in patients with biochemically recurrent prostate cancer after primary local therapy. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 4-11.	3.3	57
32	Quercetin Inhibits Radiation-Induced Skin Fibrosis. Radiation Research, 2013, 180, 205.	0.7	56
33	Immune Checkpoint Blockade in Combination with Stereotactic Body Radiotherapy in Patients with Metastatic Pancreatic Ductal Adenocarcinoma. Clinical Cancer Research, 2020, 26, 2318-2326.	3.2	54
34	Mammalian Target of Rapamycin Inhibition With Rapamycin Mitigates Radiation-Induced Pulmonary Fibrosis in a Murine Model. International Journal of Radiation Oncology Biology Physics, 2016, 96, 857-866.	0.4	50
35	Urine Analysis and Protein Networking Identify Met as a Marker of Metastatic Prostate Cancer. Clinical Cancer Research, 2009, 15, 4292-4298.	3.2	45
36	Recent Developments in Radiotherapy. New England Journal of Medicine, 2017, 377, 2200-2201.	13.9	45

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37	Determination of cytokine protein levels in oral secretions in patients undergoing radiotherapy for head and neck malignancies. Radiation Oncology, 2012, 7, 64.	1.2	44
38	Long-Term Outcomes and Toxicity of Concurrent Paclitaxel and Radiotherapy for Locally Advanced Head-and-Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2009, 74, 1040-1046.	0.4	43
39	Clinical biomarkers of angiogenesis inhibition. Cancer and Metastasis Reviews, 2008, 27, 415-434.	2.7	42
40	PARP-1 inhibition with or without ionizing radiation confers reactive oxygen species-mediated cytotoxicity preferentially to cancer cells with mutant TP53. Oncogene, 2018, 37, 2793-2805.	2.6	42
41	Inverse treatment planning based on MRI for HDR prostate brachytherapy. International Journal of Radiation Oncology Biology Physics, 2005, 61, 1267-1275.	0.4	41
42	Combining radiotherapy and angiogenesis inhibitors: Clinical trial design. International Journal of Radiation Oncology Biology Physics, 2006, 64, 15-25.	0.4	40
43	Enhancement of 5-Fluorouracil-induced In Vitro and In Vivo Radiosensitization with MEK Inhibition. Clinical Cancer Research, 2011, 17, 5038-5047.	3.2	40
44	A Prospective Comparison of ¹⁸F-Sodium Fluoride PET/CT and PSMA-Targeted ¹⁸F-DCFBC PET/CT in Metastatic Prostate Cancer. Journal of Nuclear Medicine, 2018, 59, 1665-1671.	2.8	40
45	Surgical management of melanoma brain metastases in patients treated with immunotherapy. Journal of Neurosurgery, 2011, 115, 30-36.	0.9	38
46	¹⁸F-DCFPyL PET/CT Imaging in Patients with Biochemically Recurrent Prostate Cancer After Primary Local Therapy. Journal of Nuclear Medicine, 2020, 61, 881-889.	2.8	38
47	Localization of Sclerotic-type Chronic Graft-vs-Host Disease to Sites of Skin Injury. Archives of Dermatology, 2011, 147, 1081.	1.7	37
48	Performing Nondiagnostic Research Biopsies in Irradiated Tissue: A Review of Scientific, Clinical, and Ethical Considerations. Journal of Clinical Oncology, 2008, 26, 3987-3994.	0.8	36
49	Trimodality Therapy in Bladder Cancer. Urologic Clinics of North America, 2015, 42, 169-180.	0.8	36
50	Hyperpolarized [1-13C]-Pyruvate Magnetic Resonance Spectroscopic Imaging of Prostate Cancer In Vivo Predicts Efficacy of Targeting the Warburg Effect. Clinical Cancer Research, 2018, 24, 3137-3148.	3.2	36
51	Comparison of T2 and FLAIR imaging for target delineation in high grade gliomas. Radiation Oncology, 2010, 5, 5.	1.2	35
52	Altering the Response to Radiation: Sensitizers and Protectors. Seminars in Oncology, 2014, 41, 848-859.	0.8	35
53	Targeting loss of the Hippo signaling pathway in NF2-deficient papillary kidney cancers. Oncotarget, 2018, 9, 10723-10733.	0.8	35
54	In vivo tumor imaging in mice with near-infrared labeled endostatin. Molecular Cancer Therapeutics, 2004, 3, 481-8.	1.9	35

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55	Mass spectrometry in cancer biomarker research: a case for immunodepletion of abundant blood-derived proteins from clinical tissue specimens. Biomarkers in Medicine, 2014, 8, 269-286.	0.6	34
56	Implications for Tumor Control During Protection of Normal Tissues With Antioxidants. Journal of Clinical Oncology, 2005, 23, 5455-5457.	0.8	33
57	Molecular and Clinical Responses in a Pilot Study of Gefitinib With Paclitaxel and Radiation in Locally Advanced Head-and-Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2010, 77, 447-454.	0.4	33
58	Parameters Favorable to Intraprostatic Radiation Dose Escalation in Men With Localized Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2011, 80, 614-620.	0.4	33
59	Truncated Plasminogen Activator Inhibitor-1 Protein Protects From Pulmonary Fibrosis Mediated by Irradiation in a Murine Model. International Journal of Radiation Oncology Biology Physics, 2016, 94, 1163-1172.	0.4	33
60	Biology of Radiation-Induced Lung Injury. Seminars in Radiation Oncology, 2021, 31, 155-161.	1.0	32
61	A Pilot Feasibility Study of TNFeradeâ„¢ Biologic with Capecitabine and Radiation Therapy Followed by Surgical Resection for the Treatment of Rectal Cancer. Oncology, 2010, 79, 382-388.	0.9	29
62	Mature enteroendocrine cells contribute to basal and pathological stem cell dynamics in the small intestine. American Journal of Physiology - Renal Physiology, 2018, 315, G495-G510.	1.6	29
63	Evaluation of the fullerene compound DF-1 as a radiation protector. Radiation Oncology, 2010, 5, 34.	1.2	28
64	Peptidases released by necrotic cells control CD8+ T cell cross-priming. Journal of Clinical Investigation, 2013, 123, 4755-4768.	3.9	28
65	A dosimetric comparison of four treatment planning methods for high grade glioma. Radiation Oncology, 2009, 4, 45.	1.2	26
66	Accuracy of 3D volumetric image registration based on CT, MR and PET/CT phantom experiments. Journal of Applied Clinical Medical Physics, 2008, 9, 17-36.	0.8	25
67	Inhibition of radiation-induced skin fibrosis with imatinib. International Journal of Radiation Biology, 2013, 89, 162-170.	1.0	25
68	In vivo tumor imaging using a near-infraredâ€“labeled endostatin molecule. International Journal of Radiation Oncology Biology Physics, 2004, 58, 536-541.	0.4	24
69	A pilot safety trial investigating a vector-based vaccine targeting carcinoembryonic antigen in combination with radiotherapy in patients with gastrointestinal malignancies metastatic to the liver. Expert Opinion on Biological Therapy, 2011, 11, 1409-1418.	1.4	24
70	Evaluating Biochemically Recurrent Prostate Cancer: Histologic Validation of ¹⁸F-DCFPyL PET/CT with Comparison to Multiparametric MRI. Radiology, 2020, 296, 564-572.	3.6	24
71	Quantitative prediction of respiratory tidal volume based on the external torso volume change: a potential volumetric surrogate. Physics in Medicine and Biology, 2009, 54, 1963-1978.	1.6	23
72	Long-term Tumor Adaptation after Radiotherapy: Therapeutic Implications for Targeting Integrins in Prostate Cancer. Molecular Cancer Research, 2018, 16, 1855-1864.	1.5	23

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73	Multiparametric MRI for the detection of local recurrence of prostate cancer in the setting of biochemical recurrence after low dose rate brachytherapy. Diagnostic and Interventional Radiology, 2018, 24, 46-53.	0.7	21
74	IGF-1 Receptor Signaling Regulates Type II Pneumocyte Senescence and Resulting Macrophage Polarization in Lung Fibrosis. International Journal of Radiation Oncology Biology Physics, 2021, 110, 526-538.	0.4	21
75	Transforming Growth Factor Alpha is a Critical Mediator of Radiation Lung Injury. Radiation Research, 2014, 182, 350.	0.7	20
76	A novel analytical approach to the prediction of respiratory diaphragm motion based on external torso volume change. Physics in Medicine and Biology, 2009, 54, 4113-4130.	1.6	19
77	Thrombotic microangiopathy in metastatic melanoma patients treated with adoptive cell therapy and total body irradiation. Cancer, 2014, 120, 1426-1432.	2.0	18
78	Hepatoid adenocarcinoma of the lung metastasizing to the tonsil. Molecular and Clinical Oncology, 2017, 6, 705-707.	0.4	17
79	Ferumoxytol-Enhanced MR Lymphography for Detection of Metastatic Lymph Nodes in Genitourinary Malignancies: A Prospective Study. American Journal of Roentgenology, 2020, 214, 105-113.	1.0	17
80	MEK1/2 inhibition enhances the radiosensitivity of cancer cells by downregulating survival and growth signals mediated by EGFR ligands. International Journal of Oncology, 2013, 42, 2028-2036.	1.4	16
81	Postâ€collection,preâ€measurement variables affecting VEGF levels in urine biospecimens. Journal of Cellular and Molecular Medicine, 2008, 12, 343-350.	1.6	15
82	Association of pro-inflammatory soluble cytokine receptors early during hepatocellular carcinoma stereotactic radiotherapy with liver toxicity. Npj Precision Oncology, 2020, 4, 17.	2.3	15
83	Targeting Protein Arginine Methyltransferase 5 Suppresses Radiation-induced Neuroendocrine Differentiation and Sensitizes Prostate Cancer Cells to Radiation. Molecular Cancer Therapeutics, 2022, 21, 448-459.	1.9	13
84	Urinary aHGF, IGFBP3 and OPN as diagnostic and prognostic biomarkers for prostate cancer. Biomarkers in Medicine, 2013, 7, 831-841.	0.6	12
85	12-Lipoxygenase is a Critical Mediator of Type II Pneumocyte Senescence, Macrophage Polarization and Pulmonary Fibrosis after Irradiation. Radiation Research, 2019, 192, 367.	0.7	12
86	Comparison of the Chemical Biology of NO and HNO: An Inorganic Perspective. Progress in Inorganic Chemistry, 2005, , 349-384.	3.0	11
87	Pattern of failure in prostate cancer previously treated with radical prostatectomy and post-operative radiotherapy: a secondary analysis of two prospective studies using novel molecular imaging techniques. Radiation Oncology, 2021, 16, 32.	1.2	11
88	Early observed transient prostate-specific antigen elevations on a pilot study of external beam radiation therapy and fractionated MRI guided High Dose Rate brachytherapy boost. Radiation Oncology, 2006, 1, 28.	1.2	9
89	Radiation Modifiers. Hematology/Oncology Clinics of North America, 2019, 33, 1041-1055.	0.9	9
90	Development of a 3D CNN-based AI Model for Automated Segmentation of the Prostatic Urethra. Academic Radiology, 2022, 29, 1404-1412.	1.3	9

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91	A pilot study of immune checkpoint inhibition in combination with radiation therapy in patients with metastatic pancreatic cancer.. Journal of Clinical Oncology, 2017, 35, e15786-e15786.	0.8	8
92	Optical imaging of mice in oncologic research. Expert Review of Anticancer Therapy, 2004, 4, 857-864.	1.1	7
93	Role of Early Postradiation Magnetic Resonance Imaging Scans in Children With Diffuse Intrinsic Pontine Glioma. International Journal of Radiation Oncology Biology Physics, 2012, 83, 1252-1256.	0.4	7
94	Radioprotection as a Method to Enhance the Therapeutic Ratio of Radiotherapy. Cancer Drug Discovery and Development, 2017, , 79-102.	0.2	7
95	Mithramycin A Enhances Tumor Sensitivity to Mitotic Catastrophe Resulting From DNA Damage. International Journal of Radiation Oncology Biology Physics, 2018, 100, 344-352.	0.4	7
96	Cancer Informationâ€“Seeking Practices Among the Hispanic Population: Data From the Health Information National Trends Survey 2007. Hispanic Health Care International, 2015, 13, 70-76.	0.5	6
97	Correction of motionâ€induced misalignment in coâ€registered PET/CT and MRI (T1/T2/FLAIR) head images for stereotactic radiosurgery. Journal of Applied Clinical Medical Physics, 2011, 12, 58-67.	0.8	5
98	Biomarkers of radiation injury and response. , 2014, , 673-687.		5
99	Unilateral Cervical Polyneuropathies following Concurrent Bortezomib, Cetuximab, and Radiotherapy for Head and Neck Cancer. Case Reports in Otolaryngology, 2016, 2016, 1-5.	0.1	5
100	A phase I trial of lenalidomide and radiotherapy in children with diffuse intrinsic pontine gliomas or high-grade gliomas. Journal of Neuro-Oncology, 2020, 149, 437-445.	1.4	5
101	The Legacy of Cancer Therapy in Children. Journal of the National Cancer Institute, 2009, 101, 1105-1107.	3.0	4
102	Application of an unsupervised multi-characteristic framework for intermediate-high risk prostate cancer localization using diffusion-weighted MRI. Magnetic Resonance Imaging, 2016, 34, 1227-1234.	1.0	4
103	Short-Term Screening Assays for the Identification of Therapeutics for Cancer. Cancer Research, 2016, 76, 3443-3445.	0.4	4
104	Effect of Prostate Magnetic Resonance Imaging/Ultrasound Fusion-guided Biopsy on Radiation Treatment Recommendations. International Journal of Radiation Oncology Biology Physics, 2017, 97, 947-951.	0.4	4
105	3D and 4D Medical Image Registration Combined with Image Segmentation and Visualization. , 2008, , 1-9.		4
106	A Pilot Trial of a Carcinoembryonic Antigen/TRICOMâ€”Based Vaccine and Radiation to Liver Metastases in Patients with Carcinoembryonic Antigenâ€”Positive Solid Tumors. Clinical Colorectal Cancer, 2006, 6, 72-75.	1.0	3
107	Registering Molecular Imaging Information into Anatomic Images with Improved Spatial Accuracy. , 2007, , .		3
108	Biomarkers in radiation oncology. Biomarkers in Medicine, 2008, 2, 155-163.	0.6	3

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109	A feasibility study of image registration using volumetrically classified, motion-free bony landmarks in thoracic 4DCT images for image-guided patient setup. International Journal of Biomedical Engineering and Technology, 2012, 8, 259.	0.2	3
110	Comparison of Proteomic Expression Profiles after Radiation Exposure across Four Different Species. Radiation Research, 2022, 197, .	0.7	3
111	Senescence-associated tumor growth is promoted by 12-Lipoxygenase. Aging, 2022, 14, 1068-1086.	1.4	3
112	Pilot trial of topical MTSâ€'01 application to reduce dermatitis in patients receiving chemoradiotherapy for stageÂIâ€'III carcinoma of the anal canal. International Journal of Oncology, 2022, 60, .	1.4	2
113	Detection of failure patterns using advanced imaging in patients with biochemical recurrence following low-dose-rate brachytherapy for prostate cancer. Brachytherapy, 2022, , .	0.2	2
114	A 4DRT simulation study using a synthetic 3.5D CT image with motion-free target of lung cancer based on 4DCT. International Journal of Biomedical Engineering and Technology, 2012, 8, 167.	0.2	1
115	Biomarkers for prostate cancer: who will benefit from local treatment, who harbors occult systemic disease and who needs treatment at all?. Biomarkers in Medicine, 2013, 7, 823-825.	0.6	1
116	Biomarkers to guide therapy or surveillance for prostate cancer. Biomarkers in Medicine, 2013, 7, 827-829.	0.6	1
117	Advancement of Antiangiogenic and Vascular Disrupting Agents Combined with Radiation. Cancer Treatment and Research, 2008, , 150-168.	0.2	1
118	Artificial intelligence assisted bone lesion detection and classification in computed tomography scans of prostate cancer patients.. Journal of Clinical Oncology, 2020, 38, e17567-e17567.	0.8	1
119	Advancement of antiangiogenic and vascular disrupting agents combined with radiation. Cancer Treatment and Research, 2008, 139, 153-71.	0.2	1
120	Local failure after definitive radiation treatment of lymph-node positive prostate cancer: supporting the use of novel imaging techniques to personalize treatment options. BJR|case Reports, 2020, 6, 20200001.	0.1	0
121	Pilot Study of Radiation-Targeted Donor Lymphocyte Infusion for Cancer Progression after Allogeneic Hematopoietic Stem Cell Transplantation. Blood, 2015, 126, 1962-1962.	0.6	0
122	Introduction. Seminars in Radiation Oncology, 2017, 27, 299.	1.0	0
123	Bowel and bladder reproducibility in image-guided SBRT prostate: Results of a patterns of practice survey.. Journal of Clinical Oncology, 2019, 37, 76-76.	0.8	0
124	Translating Targeted Radiosensitizers into the Clinic. Cancer Drug Discovery and Development, 2020, , 17-33.	0.2	0
125	Successful SBRT for post-brachytherapy prostate recurrence and penile bulb metastasis. Advances in Radiation Oncology, 2021, , 100860.	0.6	0
126	Enhanced toxicity to chemoradiation in a patient with Anti-Jo-1-antisynthetase syndrome. BJR|case Reports, 2022, 8, .	0.1	0

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127	Assessment of Aortoiliac Atherosclerotic Plaque on CT in Prostate Cancer Patients Undergoing Treatment. Tomography, 2022, 8, 607-616.	0.8	0
128	Evaluating risk for second primary cancers by radiotherapy technique in prostate cancer survivors.. Journal of Clinical Oncology, 2022, 40, 12005-12005.	0.8	0