Deborah E Citrin

List of Publications by Year in descending order

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76326 40979 9,149 128 40 93 citations h-index g-index papers 131 131 131 12999 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Targeting Protein Arginine Methyltransferase 5 Suppresses Radiation-induced Neuroendocrine Differentiation and Sensitizes Prostate Cancer Cells to Radiation. Molecular Cancer Therapeutics, 2022, 21, 448-459.	4.1	13
2	Comparison of Proteomic Expression Profiles after Radiation Exposure across Four Different Species. Radiation Research, 2022, 197, .	1.5	3
3	Development of a 3D CNN-based Al Model for Automated Segmentation of the Prostatic Urethra. Academic Radiology, 2022, 29, 1404-1412.	2.5	9
4	Enhanced toxicity to chemoradiation in a patient with Anti-Jo-1-antisynthetase syndrome. BJR \mid case Reports, 2022, 8, .	0.2	0
5	Senescence-associated tumor growth is promoted by 12-Lipoxygenase. Aging, 2022, 14, 1068-1086.	3.1	3
6	Assessment of Aortoiliac Atherosclerotic Plaque on CT in Prostate Cancer Patients Undergoing Treatment. Tomography, 2022, 8, 607-616.	1.8	0
7	Pilot trial of topical MTSâ€'01 application to reduce dermatitis in patients receiving chemoradiotherapy for stageÂlâ€'III carcinoma of the anal canal. International Journal of Oncology, 2022, 60, .	3.3	2
8	Detection of failure patterns using advanced imaging in patients with biochemical recurrence following low-dose-rate brachytherapy for prostate cancer. Brachytherapy, 2022, , .	0.5	2
9	Evaluating risk for second primary cancers by radiotherapy technique in prostate cancer survivors Journal of Clinical Oncology, 2022, 40, 12005-12005.	1.6	O
10	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.	2.7	11
11	Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. Journal of the National Cancer Institute, 2021, 113, 1285-1298.	6.3	156
12	Biology of Radiation-Induced Lung Injury. Seminars in Radiation Oncology, 2021, 31, 155-161.	2.2	32
13	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.	0.8	21
14	Successful SBRT for post-brachytherapy prostate recurrence and penile bulb metastasis. Advances in Radiation Oncology, 2021, , 100860.	1.2	0
15	Ferumoxytol-Enhanced MR Lymphography for Detection of Metastatic Lymph Nodes in Genitourinary Malignancies: A Prospective Study. American Journal of Roentgenology, 2020, 214, 105-113.	2.2	17
16	¹⁸ F-DCFPyL PET/CT Imaging in Patients with Biochemically Recurrent Prostate Cancer After Primary Local Therapy. Journal of Nuclear Medicine, 2020, 61, 881-889.	5.0	38
17	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.	2.9	5
18	Association of pro-inflammatory soluble cytokine receptors early during hepatocellular carcinoma stereotactic radiotherapy with liver toxicity. Npj Precision Oncology, 2020, 4, 17.	5.4	15

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19	Local failure after definitive radiation treatment of lymph-node positive prostate cancer: supporting the use of novel imaging techniques to personalize treatment options. BJR \mid case Reports, 2020, 6, 20200001.	0.2	0
20	Evaluating Biochemically Recurrent Prostate Cancer: Histologic Validation of ¹⁸ F-DCFPyL PET/CT with Comparison to Multiparametric MRI. Radiology, 2020, 296, 564-572.	7.3	24
21	Immune Checkpoint Blockade in Combination with Stereotactic Body Radiotherapy in Patients with Metastatic Pancreatic Ductal Adenocarcinoma. Clinical Cancer Research, 2020, 26, 2318-2326.	7.0	54
22	Artificial intelligence assisted bone lesion detection and classification in computed tomography scans of prostate cancer patients Journal of Clinical Oncology, 2020, 38, e17567-e17567.	1.6	1
23	Translating Targeted Radiosensitizers into the Clinic. Cancer Drug Discovery and Development, 2020, , 17-33.	0.4	0
24	12-Lipoxygenase is a Critical Mediator of Type II Pneumocyte Senescence, Macrophage Polarization and Pulmonary Fibrosis after Irradiation. Radiation Research, 2019, 192, 367.	1.5	12
25	Cellular senescence and radiation-induced pulmonary fibrosis. Translational Research, 2019, 209, 14-21.	5.0	66
26	Radiation Modifiers. Hematology/Oncology Clinics of North America, 2019, 33, 1041-1055.	2.2	9
27	Bowel and bladder reproducibility in image-guided SBRT prostate: Results of a patterns of practice survey Journal of Clinical Oncology, 2019, 37, 76-76.	1.6	0
28	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.	5.9	42
29	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.	10.7	108
30	A Prospective Comparison of ¹⁸ F-Sodium Fluoride PET/CT and PSMA-Targeted ¹⁸ F-DCFBC PET/CT in Metastatic Prostate Cancer. Journal of Nuclear Medicine, 2018, 59, 1665-1671.	5.0	40
31	Hyperpolarized [1-13C]-Pyruvate Magnetic Resonance Spectroscopic Imaging of Prostate Cancer <i>In Vivo</i> Predicts Efficacy of Targeting the Warburg Effect. Clinical Cancer Research, 2018, 24, 3137-3148.	7.0	36
32	Mithramycin A Enhances Tumor Sensitivity to Mitotic Catastrophe Resulting From DNA Damage. International Journal of Radiation Oncology Biology Physics, 2018, 100, 344-352.	0.8	7
33	Clinical impact of PSMA-based 18F–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.	6.4	57
34	Targeting loss of the Hippo signaling pathway in <i>NF2</i> deficient papillary kidney cancers. Oncotarget, 2018, 9, 10723-10733.	1.8	35
35	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.	1.5	21
36	Long-term Tumor Adaptation after Radiotherapy: Therapeutic Implications for Targeting Integrins in Prostate Cancer. Molecular Cancer Research, 2018, 16, 1855-1864.	3.4	23

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37	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.	3.4	29
38	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.	0.8	172
39	Radioprotection as a Method to Enhance the Therapeutic Ratio of Radiotherapy. Cancer Drug Discovery and Development, 2017, , 79-102.	0.4	7
40	Hepatoid adenocarcinoma of the lung metastasizing to the tonsil. Molecular and Clinical Oncology, 2017, 6, 705-707.	1.0	17
41	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.	0.8	4
42	Recent Developments in Radiotherapy. New England Journal of Medicine, 2017, 377, 1065-1075.	27.0	313
43	Recent Developments in Radiotherapy. New England Journal of Medicine, 2017, 377, 2200-2201.	27.0	45
44	Mechanisms of Normal Tissue Injury From Irradiation. Seminars in Radiation Oncology, 2017, 27, 316-324.	2.2	76
45	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.	1.6	8
46	Introduction. Seminars in Radiation Oncology, 2017, 27, 299.	2.2	0
47	Unilateral Cervical Polyneuropathies following Concurrent Bortezomib, Cetuximab, and Radiotherapy for Head and Neck Cancer. Case Reports in Otolaryngology, 2016, 2016, 1-5.	0.2	5
48	IL-13 is a therapeutic target in radiation lung injury. Scientific Reports, 2016, 6, 39714.	3.3	62
49	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.	1.6	293
50	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.	1.8	4
51	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.	0.8	50
52	Short-Term Screening Assays for the Identification of Therapeutics for Cancer. Cancer Research, 2016, 76, 3443-3445.	0.9	4
53	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.	0.8	33
54	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.	7.1	302

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55	Cancer Information–Seeking Practices Among the Hispanic Population: Data From the Health Information National Trends Survey 2007. Hispanic Health Care International, 2015, 13, 70-76.	0.9	6
56	Trimodality Therapy in Bladder Cancer. Urologic Clinics of North America, 2015, 42, 169-180.	1.8	36
57	Pilot Study of Radiation-Targeted Donor Lymphocyte Infusion for Cancer Progression after Allogeneic Hematopoietic Stem Cell Transplantation. Blood, 2015, 126, 1962-1962.	1.4	0
58	Biomarkers of radiation injury and response. , 2014, , 673-687.		5
59	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.	1.4	34
60	Transforming Growth Factor Alpha is a Critical Mediator of Radiation Lung Injury. Radiation Research, 2014, 182, 350.	1.5	20
61	Thrombotic microangiopathy in metastatic melanoma patients treated with adoptive cell therapy and total body irradiation. Cancer, 2014, 120, 1426-1432.	4.1	18
62	Altering the Response to Radiation: Sensitizers and Protectors. Seminars in Oncology, 2014, 41, 848-859.	2.2	35
63	Multimodal management of muscle-invasive bladder cancer. Current Problems in Cancer, 2014, 38, 80-108.	2.0	76
64	Inhibition of radiation-induced skin fibrosis with imatinib. International Journal of Radiation Biology, 2013, 89, 162-170.	1.8	25
65	Mesenchymal stem cells inhibit cutaneous radiation-induced fibrosis by suppressing chronic inflammation. Stem Cells, 2013, 31, 2231-2241.	3.2	93
66	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.	3.3	16
67	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.	1.4	1
68	Biomarkers to guide therapy or surveillance for prostate cancer. Biomarkers in Medicine, 2013, 7, 827-829.	1.4	1
69	Role of Type II Pneumocyte Senescence in Radiation-Induced Lung Fibrosis. Journal of the National Cancer Institute, 2013, 105, 1474-1484.	6.3	128
70	Quercetin Inhibits Radiation-Induced Skin Fibrosis. Radiation Research, 2013, 180, 205.	1.5	56
71	Urinary <i>a</i> HGF, IGFBP3 and OPN as diagnostic and prognostic biomarkers for prostate cancer. Biomarkers in Medicine, 2013, 7, 831-841.	1.4	12
72	Peptidases released by necrotic cells control CD8+ T cell cross-priming. Journal of Clinical Investigation, 2013, 123, 4755-4768.	8.2	28

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73	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.	7.1	167
74	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
75	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
76	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.	0.8	7
77	Determination of cytokine protein levels in oral secretions in patients undergoing radiotherapy for head and neck malignancies. Radiation Oncology, 2012, 7, 64.	2.7	44
78	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.	1.9	5
79	Localization of Sclerotic-type Chronic Graft-vs-Host Disease to Sites of Skin Injury. Archives of Dermatology, 2011, 147, 1081.	1.4	37
80	Durable Complete Responses in Heavily Pretreated Patients with Metastatic Melanoma Using T-Cell Transfer Immunotherapy. Clinical Cancer Research, 2011, 17, 4550-4557.	7.0	1,823
81	Impacting tumor cell-fate by targeting the inhibitor of apoptosis protein survivin. Molecular Cancer, 2011, 10, 35.	19.2	130
82	Parameters Favorable to Intraprostatic Radiation Dose Escalation in Men With Localized Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2011, 80, 614-620.	0.8	33
83	Surgical management of melanoma brain metastases in patients treated with immunotherapy. Journal of Neurosurgery, 2011, 115, 30-36.	1.6	38
84	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.	3.1	24
85	Enhancement of 5-Fluorouracil-induced <i>In Vitro</i> In VivoIn VivoRadiosensitization with MEK Inhibition. Clinical Cancer Research, 2011, 17, 5038-5047.	7.0	40
86	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.	0.8	33
87	Evaluation of the fullerene compound DF-1 as a radiation protector. Radiation Oncology, 2010, 5, 34.	2.7	28
88	Comparison of T2 and FLAIR imaging for target delineation in high grade gliomas. Radiation Oncology, 2010, 5, 5.	2.7	35
89	CD8+ Enriched "Young―Tumor Infiltrating Lymphocytes Can Mediate Regression of Metastatic Melanoma. Clinical Cancer Research, 2010, 16, 6122-6131.	7.0	269
90	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.	1.9	29

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91	<i>In vitro</i> and <i>In vivo</i> Radiation Sensitization of Human Tumor Cells by a Novel Checkpoint Kinase Inhibitor, AZD7762. Clinical Cancer Research, 2010, 16, 2076-2084.	7.0	125
92	Radioprotectors and Mitigators of Radiation-Induced Normal Tissue Injury. Oncologist, 2010, 15, 360-371.	3.7	393
93	<i>In vitro</i> and <i>In vivo</i> 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.	7.0	85
94	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.	3.0	23
95	Urine Analysis and Protein Networking Identify Met as a Marker of Metastatic Prostate Cancer. Clinical Cancer Research, 2009, 15, 4292-4298.	7.0	45
96	The Legacy of Cancer Therapy in Children. Journal of the National Cancer Institute, 2009, 101, 1105-1107.	6.3	4
97	A dosimetric comparison of four treatment planning methods for high grade glioma. Radiation Oncology, 2009, 4, 45.	2.7	26
98	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.	0.8	43
99	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.	3.0	19
100	Postâ€collection,preâ€measurement variables affecting VEGF levels in urine biospecimens. Journal of Cellular and Molecular Medicine, 2008, 12, 343-350.	3.6	15
101	Clinical biomarkers of angiogenesis inhibition. Cancer and Metastasis Reviews, 2008, 27, 415-434.	5.9	42
102	The Role of Radiation Therapy in the Management of Sarcomas. Surgical Clinics of North America, 2008, 88, 629-646.	1.5	77
103	Biomarkers in radiation oncology. Biomarkers in Medicine, 2008, 2, 155-163.	1.4	3
104	Advances in 4D Medical Imaging and 4D Radiation Therapy. Technology in Cancer Research and Treatment, 2008, 7, 67-81.	1.9	159
105	Performing Nondiagnostic Research Biopsies in Irradiated Tissue: A Review of Scientific, Clinical, and Ethical Considerations. Journal of Clinical Oncology, 2008, 26, 3987-3994.	1.6	36
106	Adoptive Cell Therapy for Patients With Metastatic Melanoma: Evaluation of Intensive Myeloablative Chemoradiation Preparative Regimens. Journal of Clinical Oncology, 2008, 26, 5233-5239.	1.6	1,210
107	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.	1.9	25
108	Advancement of Antiangiogenic and Vascular Disrupting Agents Combined with Radiation. Cancer Treatment and Research, 2008, , 150-168.	0.5	1

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109	3D and 4D Medical Image Registration Combined with Image Segmentation and Visualization. , 2008, , 1-9.		4
110	Advancement of antiangiogenic and vascular disrupting agents combined with radiation. Cancer Treatment and Research, 2008, 139, 153-71.	0.5	1
111	Registering Molecular Imaging Information into Anatomic Images with Improved Spatial Accuracy. , 2007, , .		3
112	Craniospinal Irradiation With Spinal IMRT to Improve Target Homogeneity. International Journal of Radiation Oncology Biology Physics, 2007, 68, 1402-1409.	0.8	61
113	Increased intensity lymphodepletion and adoptive immunotherapy—how far can we go?. Nature Clinical Practice Oncology, 2006, 3, 668-681.	4.3	318
114	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.	2.3	3
115	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.	2.7	9
116	Combining radiotherapy and angiogenesis inhibitors: Clinical trial design. International Journal of Radiation Oncology Biology Physics, 2006, 64, 15-25.	0.8	40
117	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.	0.8	62
118	Inverse treatment planning based on MRI for HDR prostate brachytherapy. International Journal of Radiation Oncology Biology Physics, 2005, 61, 1267-1275.	0.8	41
119	Comparison of the Chemical Biology of NO and HNO: An Inorganic Perspective. Progress in Inorganic Chemistry, 2005, , 349-384.	3.0	11
120	Implications for Tumor Control During Protection of Normal Tissues With Antioxidants. Journal of Clinical Oncology, 2005, 23, 5455-5457.	1.6	33
121	Optical imaging of mice in oncologic research. Expert Review of Anticancer Therapy, 2004, 4, 857-864.	2.4	7
122	Application of a Macromolecular Contrast Agent for Detection of Alterations of Tumor Vessel Permeability Induced by Radiation. Clinical Cancer Research, 2004, 10, 7712-7720.	7.0	80
123	In vivo tumor imaging using a near-infrared–labeled endostatin molecule. International Journal of Radiation Oncology Biology Physics, 2004, 58, 536-541.	0.8	24
124	In vivo tumor imaging in mice with near-infrared labeled endostatin. Molecular Cancer Therapeutics, 2004, 3, 481-8.	4.1	35
125	Comparison of the reactivity of nitric oxide and nitroxyl with heme proteins. Journal of Inorganic Biochemistry, 2003, 93, 52-60.	3.5	114
126	Heme Proteins and Nitric Oxide (NO): The Neglected, Eloquent Chemistry in NO Redox Signaling and Regulation. Antioxidants and Redox Signaling, 2003, 5, 307-317.	5.4	80

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127	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.	1.0	66
128	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.	3.8	126