

Christopher A Barker

List of Publications by Year in descending order

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95
papers

8,797
citations

136950

32
h-index

51608

86
g-index

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all docs

95
docs citations

95
times ranked

13715
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor mutational load predicts survival after immunotherapy across multiple cancer types. <i>Nature Genetics</i> , 2019, 51, 202-206.	21.4	2,702
2	Immunologic Correlates of the Abscopal Effect in a Patient with Melanoma. <i>New England Journal of Medicine</i> , 2012, 366, 925-931.	27.0	1,836
3	Stereotactic Radiosurgery for Melanoma Brain Metastases in Patients Receiving Ipilimumab: Safety Profile and Efficacy of Combined Treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 368-375.	0.8	334
4	Basal cell carcinoma. <i>Journal of the American Academy of Dermatology</i> , 2019, 80, 303-317.	1.2	291
5	Corticosteroids compromise survival in glioblastoma. <i>Brain</i> , 2016, 139, 1458-1471.	7.6	271
6	The Molecular Landscape of Recurrent and Metastatic Head and Neck Cancers. <i>JAMA Oncology</i> , 2017, 3, 244.	7.1	191
7	First-in-Humans Imaging with ⁸⁹ Zr-Df-IAB22M2C Anti-CD8 Minibody in Patients with Solid Malignancies: Preliminary Pharmacokinetics, Biodistribution, and Lesion Targeting. <i>Journal of Nuclear Medicine</i> , 2020, 61, 512-519.	5.0	170
8	Prognosis of Mucosal, Uveal, Acral, Nonacral Cutaneous, and Unknown Primary Melanoma From the Time of First Metastasis. <i>Oncologist</i> , 2016, 21, 848-854.	3.7	154
9	Desmoplastic melanoma: A review. <i>Journal of the American Academy of Dermatology</i> , 2013, 68, 825-833.	1.2	145
10	Combinations of Radiation Therapy and Immunotherapy for Melanoma: A Review of Clinical Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 986-997.	0.8	142
11	Concurrent Radiotherapy and Ipilimumab Immunotherapy for Patients with Melanoma. <i>Cancer Immunology Research</i> , 2013, 1, 92-98.	3.4	133
12	Efficacy of Skin-Directed Therapy for Cutaneous Metastases From Advanced Cancer: A Meta-Analysis. <i>Journal of Clinical Oncology</i> , 2014, 32, 3144-3155.	1.6	131
13	Radiation-Induced Micro-RNA Expression Changes in Peripheral Blood Cells of Radiotherapy Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 549-557.	0.8	120
14	Definitive and Postoperative Radiation Therapy for Basal and Squamous Cell Cancers of the Skin: Executive Summary of an American Society for Radiation Oncology Clinical Practice Guideline. <i>Practical Radiation Oncology</i> , 2020, 10, 8-20.	2.1	117
15	Sebaceous carcinoma: evidence-based clinical practice guidelines. <i>Lancet Oncology</i> , The, 2019, 20, e699-e714.	10.7	116
16	A phase 2 clinical trial assessing the efficacy and safety of pembrolizumab and radiotherapy in patients with metastatic triple-negative breast cancer. <i>Cancer</i> , 2020, 126, 850-860.	4.1	116
17	Valproic Acid Use During Radiation Therapy for Glioblastoma Associated With Improved Survival. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 504-509.	0.8	114
18	Prediction of In Vivo Radiation Dose Status in Radiotherapy Patients using Ex Vivo and In Vivo Gene Expression Signatures. <i>Radiation Research</i> , 2011, 175, 257.	1.5	111

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19	Basal cell carcinoma. Journal of the American Academy of Dermatology, 2019, 80, 321-339.	1.2	103
20	Imatinib Treatment for Locally Advanced or Metastatic Dermatofibrosarcoma Protuberans. JAMA Dermatology, 2019, 155, 361.	4.1	81
21	Development of a Metabolomic Radiation Signature in Urine from Patients Undergoing Total Body Irradiation. Radiation Research, 2014, 181, 350.	1.5	76
22	Localized sinonasal mucosal melanoma: Outcomes and associations with stage, radiotherapy, and positron emission tomography response. Head and Neck, 2016, 38, 1310-1317.	2.0	65
23	Management of primary skin cancer during a pandemic: Multidisciplinary recommendations. Cancer, 2020, 126, 3900-3906.	4.1	62
24	Radiotherapy and concomitant temozolomide may improve survival of elderly patients with glioblastoma. Journal of Neuro-Oncology, 2012, 109, 391-397.	2.9	58
25	Cytokine release syndrome after radiation therapy: case report and review of the literature. , 2018, 6, 1.		54
26	Ipilimumab and whole brain radiation therapy for melanoma brain metastases. Journal of Neuro-Oncology, 2015, 121, 159-165.	2.9	53
27	Evidence-Based Clinical Practice Guidelines for Microcystic Adnexal Carcinoma. JAMA Dermatology, 2019, 155, 1059.	4.1	49
28	Evidence-Based Clinical Practice Guidelines for Extramammary Paget Disease. JAMA Oncology, 2022, 8, 618.	7.1	46
29	Pathogenic <i>ATM</i> Mutations in Cancer and a Genetic Basis for Radiotherapeutic Efficacy. Journal of the National Cancer Institute, 2021, 113, 266-273.	6.3	38
30	Locally Advanced and Unresectable Cutaneous Squamous Cell Carcinoma: Outcomes of Concurrent Cetuximab and Radiotherapy. Journal of Skin Cancer, 2014, 2014, 1-7.	1.2	37
31	A Serum Small Molecule Biosignature of Radiation Exposure from Total Body Irradiated Patients. Journal of Proteome Research, 2017, 16, 3805-3815.	3.7	37
32	New NCCN Guidelines for Uveal Melanoma and Treatment of Recurrent or Progressive Distant Metastatic Melanoma. Journal of the National Comprehensive Cancer Network: JNCCN, 2018, 16, 646-650.	4.9	37
33	Clinical implementation of a new electronic brachytherapy system for skin brachytherapy. Journal of Contemporary Brachytherapy, 2014, 4, 417-423.	0.9	34
34	Cutis Verticis Gyrata in Association With Vemurafenib and Whole-Brain Radiotherapy. Journal of Clinical Oncology, 2014, 32, e54-e56.	1.6	34
35	¹⁰⁶ Ru plaque brachytherapy for uveal melanoma: Factors associated with local tumor recurrence. Brachytherapy, 2014, 13, 584-590.	0.5	34
36	Skin surface brachytherapy: A survey of contemporary practice patterns. Brachytherapy, 2017, 16, 223-229.	0.5	34

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37	Safety of combining thoracic radiation therapy with concurrent versus sequential immune checkpoint inhibition. <i>Advances in Radiation Oncology</i> , 2018, 3, 391-398.	1.2	33
38	Electronic brachytherapy for superficial and nodular basal cell carcinoma: a report of two prospective pilot trials using different doses. <i>Journal of Contemporary Brachytherapy</i> , 2016, 1, 48-55.	0.9	31
39	Genomic analysis of exceptional responders to radiotherapy reveals somatic mutations in <i>ATM</i> . <i>Oncotarget</i> , 2017, 8, 10312-10323.	1.8	31
40	Salvage/Adjuvant Brachytherapy After Ophthalmic Artery Chemosurgery for Intraocular Retinoblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 517-523.	0.8	28
41	Radiotherapy and Immune Checkpoint Blockade for Melanoma. <i>Cancer Journal (Sudbury, Mass)</i> , 2017, 23, 32-39.	2.0	28
42	The American Brachytherapy society consensus statement for skin brachytherapy. <i>Brachytherapy</i> , 2020, 19, 415-426.	0.5	28
43	Original paper Efficacy and safety of electronic brachytherapy for superficial and nodular basal cell carcinoma. <i>Journal of Contemporary Brachytherapy</i> , 2015, 3, 231-238.	0.9	27
44	Association of Surgical Approach and Margin Status With Oncologic Outcomes Following Gross Total Resection for Sinonasal Melanoma. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 1220.	2.2	27
45	Current Status and Recommendations for the Future of Research, 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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 11-17.	0.8	26
46	Improved survival in women versus men with merkel cell carcinoma. <i>Journal of the American Academy of Dermatology</i> , 2021, 84, 321-329.	1.2	26
47	Therapeutic Implications of Detecting MAPK-Activating Alterations in Cutaneous and Unknown Primary Melanomas. <i>Clinical Cancer Research</i> , 2021, 27, 2226-2235.	7.0	25
48	Intravitreal Cutaneous Metastatic Melanoma in the Era of Checkpoint Inhibition. <i>Ophthalmology</i> , 2020, 127, 240-248.	5.2	22
49	Comparison of High Doses of Total Body Irradiation in Myeloablative Conditioning before Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 2398-2407.	2.0	21
50	Targeting Phosphatidyserine Enhances the Anti-tumor Response to Tumor-Directed Radiation Therapy in a Preclinical Model of Melanoma. <i>Cell Reports</i> , 2021, 34, 108620.	6.4	21
51	Enhancing Radiotherapy Through a Greater Understanding of Homologous Recombination. <i>Seminars in Radiation Oncology</i> , 2010, 20, 267-273.e3.	2.2	19
52	Radiation Therapy for Cutaneous Melanoma. <i>Dermatologic Clinics</i> , 2012, 30, 525-533.	1.7	18
53	Brain radiotherapy, tremelimumab-mediated CTLA-4-directed blockade + [~] trastuzumab in patients with breast cancer brain metastases. <i>Npj Breast Cancer</i> , 2022, 8, 50.	5.2	17
54	Brain-sparing radiotherapy for neuroblastoma skull metastases. <i>Pediatric Blood and Cancer</i> , 2008, 50, 1163-1168.	1.5	15

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55	Outcomes of radiation therapy for advanced T3/T4 nonmelanoma cutaneous squamous cell and basal cell carcinoma. <i>British Journal of Dermatology</i> , 2018, 178, e30-e32.	1.5	15
56	A systematic review of comorbidity indices used in the nonmelanoma skin cancer population. <i>Journal of the American Academy of Dermatology</i> , 2017, 76, 344-346.e2.	1.2	13
57	InÂvivo imaging characterization of basal cell carcinoma and cutaneous response to high-dose ionizing radiation therapy: A prospective study of reflectance confocal microscopy, dermoscopy, and ultrasonography. <i>Journal of the American Academy of Dermatology</i> , 2021, 84, 1575-1584.	1.2	13
58	Intraoperative High-Dose Rate of Radioactive Phosphorus 32 Brachytherapy for Diffuse Recalcitrant Conjunctival Neoplasms. <i>JAMA Ophthalmology</i> , 2015, 133, 283.	2.5	12
59	Radiation therapy for synchronous basal cell carcinoma and lentigo maligna of the nose: Response assessment by clinical examination and reflectance confocal microscopy. <i>Practical Radiation Oncology</i> , 2015, 5, e543-e547.	2.1	12
60	Are our patients doing better? A single institution experience of an evolving management paradigm for sinonasal mucosal melanoma. <i>Oral Oncology</i> , 2021, 112, 105006.	1.5	12
61	Pilot Trial of Arginine Deprivation Plus Nivolumab and Ipilimumab in Patients with Metastatic Uveal Melanoma. <i>Cancers</i> , 2022, 14, 2638.	3.7	12
62	Organ preservation for patients with anterior mucosal squamous cell carcinoma of the nasal cavity: Rhinectomyâ€free survival in those refusing surgery. <i>Head and Neck</i> , 2019, 41, 2741-2747.	2.0	11
63	Comorbidity Assessment in Skin Cancer Patients: A Pilot Study Comparing Medical Interview with a Patient-Reported Questionnaire. <i>Journal of Skin Cancer</i> , 2015, 2015, 1-6.	1.2	10
64	Impact of source position on high-dose-rate skin surface applicator dosimetry. <i>Brachytherapy</i> , 2016, 15, 650-660.	0.5	10
65	Hyperfractionated Low-Dose (21 Gy) Radiotherapy for Cranial Skeletal Metastases in Patients With High-Risk Neuroblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1181-1186.	0.8	9
66	EMPACT syndrome: limited evidence despite a high-risk cohort. <i>Journal of Neuro-Oncology</i> , 2014, 119, 129-134.	2.9	9
67	Local recurrence and quality of life after adjuvant radiation therapy in highâ€risk squamous cell carcinoma. <i>British Journal of Dermatology</i> , 2019, 180, 417-418.	1.5	9
68	Survival of patients treated with radiation therapy for anaplastic astrocytoma. <i>Radiology and Oncology</i> , 2014, 48, 381-386.	1.7	8
69	Hepatic abnormalities identified by staging MRI and accuracy of MRI of patients with uveal melanoma. <i>British Journal of Ophthalmology</i> , 2019, 103, 1266-1271.	3.9	8
70	Dosimetric comparison of axilla and groin radiotherapy techniques for high-risk and locally advanced skin cancer. <i>Radiation Oncology Journal</i> , 2016, 34, 145-155.	1.5	7
71	Metastatic cutaneous apocrine carcinoma: Multidisciplinary approach achieving complete response with adjuvant chemoradiation. <i>JAAD Case Reports</i> , 2017, 3, 259-262.	0.8	7
72	Restaging [18F] fludeoxyglucose positron emission tomography/computed tomography scan in recurrent cutaneous squamous cell carcinoma: Diagnostic performance and prognostic significance. <i>Journal of the American Academy of Dermatology</i> , 2020, 82, 878-886.	1.2	6

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73	Adjuvant Therapy in High-Risk Stage III Cutaneous Melanoma. International Journal of Radiation Oncology Biology Physics, 2017, 98, 11-12.	0.8	5
74	Incidence of dermatologic adverse events in patients with cancer treated with concurrent immune checkpoint inhibitors and radiation therapy: A systematic review and meta-analysis. Journal of the American Academy of Dermatology, 2021, 84, 871-875.	1.2	5
75	Chemoreduction of Orbital Recurrence of Uveal Melanoma by Intra-Arterial Melphalan. Ocular Oncology and Pathology, 2019, 5, 186-189.	1.0	4
76	Quality of Life Concerns in Patients with Uveal Melanoma after Initial Diagnosis. Ocular Oncology and Pathology, 2020, 6, 184-195.	1.0	4
77	Association of Plasma Circulating Tumor DNA With Diagnosis of Metastatic Uveal Melanoma. JAMA Ophthalmology, 2021, 139, 1244-1245.	2.5	4
78	Histone Deacetylase Inhibition As a Mechanism for the Therapeutic Effect of Statins (3-Hydroxy-3-Methylglutaryl-Coenzyme A Reductase Inhibitors) in Follicular Lymphoma. Journal of Clinical Oncology, 2010, 28, e426-e426.	1.6	3
79	Contrast Media Use in Radiation Oncology: A Prospective, Controlled Educational Intervention Study With Retrospective Analysis of Patient Outcomes. Journal of the American College of Radiology, 2010, 7, 967-974.	1.8	3
80	Medical marijuana for the treatment of vismodegib-related muscle spasm. JAAD Case Reports, 2017, 3, 438-440.	0.8	3
81	Primary tumor volume as a predictor of distant metastases and survival in patients with sinonasal mucosal melanoma. Head and Neck, 2020, 42, 3316-3325.	2.0	3
82	Quantitation of Urinary Acylcarnitines by DMS-MS/MS Uncovers the Effects of Total Body Irradiation in Cancer Patients. Journal of the American Society for Mass Spectrometry, 2020, 31, 498-507.	2.8	3
83	The microbial flora of clinically infected cutaneous metastases: a retrospective study. Clinical and Experimental Dermatology, 2020, 45, 722-726.	1.3	3
84	Differential Radiation Dermatitis in Native Skin and an Autologous Transplanted Myocutaneous Flap. JAMA Dermatology, 2014, 150, 1365.	4.1	1
85	Metastatic Cutaneous Squamous Cell Carcinoma Involving the Parotid Gland: Experience Outside of the Sun Belt. OTO Open, 2021, 5, 2473974X2098472.	1.4	1
86	Lentigo Maligna Melanoma. , 2020, , 925-951.		1
87	In reply to the Letter to the Editor titled: "Comments on: Clinical implementation of a new electronic brachytherapy system for skin brachytherapy". Journal of Contemporary Brachytherapy, 2015, 4, 319-320.	0.9	1
88	Combination intravitreal melphalan and bevacizumab for cutaneous metastatic melanoma to the vitreous and retina. American Journal of Ophthalmology Case Reports, 2022, 26, 101519.	0.7	1
89	Concurrent use of chemotherapy or novel agents in combination with radiation in breast cancer. Current Breast Cancer Reports, 2009, 1, 29-41.	1.0	0
90	Cranial Nerves. Medical Radiology, 2014, , 167-203.	0.1	0

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91	Locally Advanced and High-Risk Cutaneous Malignancies. Medical Radiology, 2014, , 129-146.	0.1	0
92	Role of Radiation. , 2017, , 153-166.		0
93	Lentigo Maligna Melanoma. , 2019, , 1-27.		0
94	Quality of Life Before and After Treatment of Cutaneous Metastases with Palliative Radiotherapy. Journal of the American Academy of Dermatology, 2021, , .	1.2	0
95	A Pilot Study Evaluating Lenalidomide and CC-486 in Combination with Radiotherapy for Patients with Plasmacytoma (LENAZART study). Blood, 2020, 136, 8-10.	1.4	0