David M Brizel

List of Publications by Year in Descending Order

127 papers	9,890 citations	50 h-index	99 g-index
132 ext. papers	11,087 ext. citations	4.1 avg, IF	5.49 L-index

#	Paper	IF	Citations
127	NCCN Guidelines Insights: Head and Neck Cancers, Version 1.2022.. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2022**, 20, 224-234	7.3	9
126	The Affordable Care Act and suicide incidence among adults with cancer.. *Journal of Cancer Survivorship*, **2022**, 1	5.1	1
125	Meta-analysis of chemotherapy in head and neck cancer (MACH-NC): An update on 107 randomized trials and 19,805 patients, on behalf of MACH-NC Group. *Radiotherapy and Oncology*, **2021**, 156, 281-293	5.3	34
124	A systematic review on sinonasal mixed adenoneuroendocrine carcinoma. *International Forum of Allergy and Rhinology*, **2021**, 11, 1391-1394	6.3	
123	Intrinsic radiomic expression patterns after 20 Gy demonstrate early metabolic response of oropharyngeal cancers. *Medical Physics*, **2021**, 48, 3767-3777	4.4	4
122	Ipilimumab and Radiation in Patients with High-risk Resected or Regionally Advanced Melanoma. *Clinical Cancer Research*, **2021**, 27, 1287-1295	12.9	0
121	Adjuvant Radiation Therapy for Clinical Stage III Melanoma in the Modern Therapeutic Era. *Annals of Surgical Oncology*, **2021**, 28, 3512-3521	3.1	1
120	Establishing ADC-Based Histogram and Texture Features for Early Treatment-Induced Changes in Head and Neck Squamous Cell Carcinoma. *Frontiers in Oncology*, **2021**, 11, 708398	5.3	0
119	Patient Reported Outcomes and Financial Toxicity in Head and Neck Cancer (PaRTNer): Baseline financial toxicity and attitudes toward costs from a pilot study.. *Journal of Clinical Oncology*, **2021**, 39, 56-56	2.2	1
118	Head and Neck Cancers, Version 2.2020, NCCN Clinical Practice Guidelines in Oncology. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2020**, 18, 873-898	7.3	215
117	Dose-Distribution-Driven PET Image-Based Outcome Prediction (DDD-PIOP): A Deep Learning Study for Oropharyngeal Cancer IMRT Application. *Frontiers in Oncology*, **2020**, 10, 1592	5.3	7
116	Early F-FDG-PET Response During Radiation Therapy for HPV-Related Oropharyngeal Cancer May Predict Disease Recurrence. *International Journal of Radiation Oncology Biology Physics*, **2020**, 108, 969-976	4	7
115	Practice recommendations for risk-adapted head and neck cancer radiotherapy during the COVID-19 pandemic: An ASTRO-ESTRO consensus statement. *Radiotherapy and Oncology*, **2020**, 151, 314-321	5.3	14
114	Development and Implementation of an Educational Simulation Workshop in Fiberoptic Laryngoscopy for Radiation Oncology Residents. *International Journal of Radiation Oncology Biology Physics*, **2020**, 108, 615-619	4	1
113	Practice Recommendations for Risk-Adapted Head and Neck Cancer Radiation Therapy During the COVID-19 Pandemic: An ASTRO-ESTRO Consensus Statement. *International Journal of Radiation Oncology Biology Physics*, **2020**, 107, 618-627	4	107
112	Treatment Outcomes in Anaplastic Thyroid Cancer. *Journal of Thyroid Research*, **2019**, 2019, 8218949	2.6	11
111	The risk of carotid stenosis in head and neck cancer patients after radiation therapy. *Oral Oncology*, **2018**, 80, 9-15	4.4	25

110	Response to ASTRO consensus guideline for oropharyngeal cancer: In Regard to Walker et al. *Practical Radiation Oncology*, **2018**, 8, e185-e186	2.8	1
109	NCCN Guidelines Insights: Head and Neck Cancers, Version 1.2018. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2018**, 16, 479-490	7.3	273
108	Radiation therapy for oropharyngeal squamous cell carcinoma: Executive summary of an ASTRO Evidence-Based Clinical Practice Guideline. *Practical Radiation Oncology*, **2017**, 7, 246-253	2.8	55
107	NCCN Guidelines Insights: Head and Neck Cancers, Version 2.2017. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2017**, 15, 761-770	7.3	197
106	Oxygen and Perfusion Kinetics in Response to Fractionated Radiation Therapy in FaDu Head and Neck Cancer Xenografts Are Related to Treatment Outcome. *International Journal of Radiation Oncology Biology Physics*, **2016**, 96, 462-469	4	19
105	Immunotherapy and Checkpoint Inhibitors in Recurrent and Metastatic Head and Neck Cancer. *American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting*, **2016**, 35, e277-82	7.1	9
104	Translational Research in Head and Neck Oncology **2016**, 215-227		
103	Prognostic value of midtreatment FDG-PET in oropharyngeal cancer. *Head and Neck*, **2016**, 38, 1472-8	4.2	19
102	Semiautomated head-and-neck IMRT planning using dose warping and scaling to robustly adapt plans in a knowledge database containing potentially suboptimal plans. *Medical Physics*, **2015**, 42, 4428-34	4.4	14
101	Novel Manganese-Porphyrin Superoxide Dismutase-Mimetic Widens the Therapeutic Margin in a Preclinical Head and Neck Cancer Model. *International Journal of Radiation Oncology Biology Physics* , **2015**, 93, 892-900	4	51
100	Head and Neck Cancers, Version 1.2015. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2015**, 13, 847-55; quiz 856	7.3	144
99	Current status of clinical trials in head and neck cancer 2014. *Otolaryngology - Head and Neck Surgery*, **2015**, 152, 410-7	5.5	8
98	Phase II multicenter trial of Caphosol for the reduction of mucositis in patients receiving radiation therapy for head and neck cancer. *Oral Oncology*, **2014**, 50, 765-9	4.4	15
97	Comprehensive population-averaged arterial input function for dynamic contrast-enhanced vmagnetic resonance imaging of head and neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2014**, 89, 658-65	4	7
96	Head and neck cancers, Version 2.2014. Clinical practice guidelines in oncology. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2014**, 12, 1454-87	7.3	162
95	Incidence and risk factors of significant carotid artery stenosis in asymptomatic survivors of head and neck cancer after radiotherapy. *Head and Neck*, **2014**, 36, 215-9	4.2	44
94	Diffusion-weighted imaging for head and neck squamous cell carcinoma: quantifying repeatability to understand early treatment-induced change. *American Journal of Roentgenology*, **2014**, 203, 1104-8	5.4	33
93	Radiation induces aerobic glycolysis through reactive oxygen species. *Radiotherapy and Oncology*, **2013**, 106, 390-6	5.3	38

92	Contemporary radiotherapy in head and neck cancer: balancing chance for cure with risk for complication. *Surgical Oncology Clinics of North America*, **2013**, 22, 579-98	2.7	13
91	Head and neck cancers, version 2.2013. Featured updates to the NCCN guidelines. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2013**, 11, 917-23	7.3	114
90	Predictive and prognostic role of functional imaging of head and neck squamous cell carcinomas. *Seminars in Radiation Oncology*, **2012**, 22, 220-32	5.5	30
89	FDG-PET assessment of the effect of head and neck radiotherapy on parotid gland glucose metabolism. *International Journal of Radiation Oncology Biology Physics*, **2012**, 82, 321-6	4	31
88	Analysis of pretreatment FDG-PET SUV parameters in head-and-neck cancer: tumor SUVmean has superior prognostic value. *International Journal of Radiation Oncology Biology Physics*, **2012**, 82, 548-53	4	106
87	Development and clinical evaluation of a three-dimensional cone-beam computed tomography estimation method using a deformation field map. *International Journal of Radiation Oncology Biology Physics*, **2012**, 82, 1584-93	4	29
86	Dynamic contrast-enhanced MRI in head-and-neck cancer: the impact of region of interest selection on the intra- and interpatient variability of pharmacokinetic parameters. *International Journal of Radiation Oncology Biology Physics*, **2012**, 82, e345-50	4	18
85	Transoral resection of pharyngeal cancer: summary of a National Cancer Institute Head and Neck Cancer Steering Committee Clinical Trials Planning Meeting, November 6-7, 2011, Arlington, Virginia. *Head and Neck*, **2012**, 34, 1681-703	4.2	77
84	Prospective trial of synchronous bevacizumab, erlotinib, and concurrent chemoradiation in locally advanced head and neck cancer. *Clinical Cancer Research*, **2012**, 18, 1404-14	12.9	65
83	Mucosal melanoma of the head and neck. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2012**, 10, 320-38	7.3	23
82	Head and neck cancer as a model for advances in imaging prognosis, early assessment, and posttherapy evaluation. *Cancer Journal (Sudbury, Mass)*, **2011**, 17, 159-65	2.2	9
81	Head and neck cancers. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2011**, 9, 596-650	7.3	141
80	Controversies in the locoregional management of head and neck cancer. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2011**, 9, 653-62	7.3	9
79	Effect of amifostine on survival among patients treated with radiotherapy: a meta-analysis of individual patient data. *Journal of Clinical Oncology*, **2011**, 29, 2590-7	2.2	38
78	Translational Research in Head and Neck Oncology **2011**, 179-189		
77	The role of adaptive and functional imaging modalities in radiation therapy: approach and application from a radiation oncology perspective. *Seminars in Ultrasound, CT and MRI*, **2010**, 31, 444-61	1.7	6
76	Dynamic contrast enhanced-MRI in head and neck cancer patients: variability of the precontrast longitudinal relaxation time (T10). *Medical Physics*, **2010**, 37, 2683-92	4.4	11
75	Mucositis-related morbidity and resource utilization in head and neck cancer patients receiving radiation therapy with or without chemotherapy. *Journal of Pain and Symptom Management*, **2009**, 38, 522-32	4.8	93

74	Head and neck cancer. Introduction. *Seminars in Radiation Oncology*, **2009**, 19, 1-2	5.5	2
73	Induction chemotherapy: to use or not to use? That is the question. *Seminars in Radiation Oncology*, **2009**, 19, 11-6	5.5	16
72	Clinical practice guidance for radiotherapy planning after induction chemotherapy in locoregionally advanced head-and-neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2009**, 75, 725-33	4	59
71	Targeting the future in head and neck cancer. *Lancet Oncology, The*, **2009**, 10, 204-5	21.7	7
70	Paraganglioma of the head and neck: long-term local control with radiotherapy. *American Journal of Clinical Oncology: Cancer Clinical Trials*, **2009**, 32, 304-7	2.7	50
69	Phase II study of palifermin and concurrent chemoradiation in head and neck squamous cell carcinoma. *Journal of Clinical Oncology*, **2008**, 26, 2489-96	2.2	86
68	Preoperative radiotherapy and bevacizumab for angiosarcoma of the head and neck: two case studies. *Head and Neck*, **2008**, 30, 262-6	4.2	70
67	Head and neck cancers. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2008**, 6, 646-95	7.3	30
66	Longitudinal evaluation of the oral mucositis weekly questionnaire-head and neck cancer, a patient-reported outcomes questionnaire. *Cancer*, **2007**, 109, 1914-22	6.4	76
65	A Phase II trial of subcutaneous amifostine and radiation therapy in patients with head-and-neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2007**, 67, 445-52	4	47
64	How much radiation is the chemotherapy worth in advanced head and neck cancer?. *International Journal of Radiation Oncology Biology Physics*, **2007**, 68, 1491-5	4	60
63	On-board patient positioning for head-and-neck IMRT: comparing digital tomosynthesis to kilovoltage radiography and cone-beam computed tomography. *International Journal of Radiation Oncology Biology Physics*, **2007**, 69, 598-606	4	35
62	Radioprotective effects of amifostine on acute and chronic esophageal injury in rodents. *International Journal of Radiation Oncology Biology Physics*, **2007**, 69, 534-40	4	9
61	Pharmacologic approaches to radiation protection. *Journal of Clinical Oncology*, **2007**, 25, 4084-9	2.2	66
60	Multiple etiologies of tumor hypoxia require multifaceted solutions. *Clinical Cancer Research*, **2007**, 13, 375-7	12.9	21
59	Concomitant Chemoradiotherapy. *Journal of Clinical Oncology*, **2007**, 25, 4031-4032	2.2	9
58	The potential role of intrinsic hypoxia markers as prognostic variables in cancer. *Antioxidants and Redox Signaling*, **2007**, 9, 1237-94	8.4	72
57	Direct demonstration of instabilities in oxygen concentrations within the extravascular compartment of an experimental tumor. *Cancer Research*, **2006**, 66, 2219-23	10.1	114

56	Concurrent chemoradiotherapy for locally advanced, nonmetastatic, squamous carcinoma of the head and neck: consensus, controversy, and conundrum. *Journal of Clinical Oncology*, **2006**, 24, 2612-7	2.2	78
55	The effect of darbepoetin alfa on growth, oxygenation and radioresponsiveness of a breast adenocarcinoma. *Radiation Research*, **2006**, 165, 192-201	3.1	11
54	Prognostic value of tumor oxygenation in 397 head and neck tumors after primary radiation therapy. An international multi-center study. *Radiotherapy and Oncology*, **2005**, 77, 18-24	5.3	777
53	Relation between pO2, 31P magnetic resonance spectroscopy parameters and treatment outcome in patients with high-grade soft tissue sarcomas treated with thermoradiotherapy. *International Journal of Radiation Oncology Biology Physics*, **2005**, 61, 480-91	4	25
52	Pretreatment anemia is correlated with the reduced effectiveness of radiation and concurrent chemotherapy in advanced head and neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2005**, 61, 1087-95	4	68
51	Recent progress in defining mechanisms and potential targets for prevention of normal tissue injury after radiation therapy. *International Journal of Radiation Oncology Biology Physics*, **2005**, 62, 255-9	4	83
50	Influence of intravenous amifostine on xerostomia, tumor control, and survival after radiotherapy for head-and- neck cancer: 2-year follow-up of a prospective, randomized, phase III trial. *International Journal of Radiation Oncology Biology Physics*, **2005**, 63, 985-90	4	135
49	Head and neck cancers. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2005**, 3, 316-91	7.3	26
48	Strategies for Protecting Normal Tissue in the Treatment of Head and Neck Cancer **2005**, 227-237		2
47	Thermochemoradiotherapy improves oxygenation in locally advanced breast cancer. *Clinical Cancer Research*, **2004**, 10, 4287-93	12.9	115
46	Tumor-dependent kinetics of partial pressure of oxygen fluctuations during air and oxygen breathing. *Cancer Research*, **2004**, 64, 6010-7	10.1	77
45	Necessity for adjuvant neck dissection in setting of concurrent chemoradiation for advanced head-and-neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2004**, 58, 1418-23	4	191
44	Assessment and management of cutaneous reactions with amifostine administration: findings of the ethyol (amifostine) cutaneous treatment advisory panel (ECTAP). *International Journal of Radiation Oncology Biology Physics*, **2004**, 60, 302-9	4	25
43	The protective effect of recombinant human keratinocyte growth factor on radiation-induced pulmonary toxicity in rats. *International Journal of Radiation Oncology Biology Physics*, **2004**, 60, 1520-9	4	43
42	The prevention and treatment of radiotherapy - induced xerostomia. *Seminars in Radiation Oncology*, **2003**, 13, 302-8	5.5	22
41	How should we measure and report radiotherapy-induced xerostomia?. *Seminars in Radiation Oncology*, **2003**, 13, 226-34	5.5	109
40	M6P/IGF2R loss of heterozygosity in head and neck cancer associated with poor patient prognosis. *BMC Cancer*, **2003**, 3, 4	4.8	35
39	A mathematical model of tumor oxygen and glucose mass transport and metabolism with complex reaction kinetics. *Radiation Research*, **2003**, 159, 336-44	3.1	31

38	Does amifostine have a role in chemoradiation treatment?. *Lancet Oncology, The*, **2003**, 4, 378-81	21.7	75
37	Effect of longitudinal oxygen gradients on effectiveness of manipulation of tumor oxygenation. *Cancer Research*, **2003**, 63, 4705-12	10.1	31
36	Radioprotection of lungs by amifostine is associated with reduction in profibrogenic cytokine activity. *Radiation Research*, **2002**, 157, 656-60	3.1	41
35	Assessment of the protective effect of amifostine on radiation-induced pulmonary toxicity. *Experimental Lung Research*, **2002**, 28, 577-90	2.3	50
34	Elevated tumor lactate concentrations predict for an increased risk of metastases in head-and-neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2001**, 51, 349-53	4	379
33	Simultaneous administration of glucose and hyperoxic gas achieves greater improvement in tumor oxygenation than hyperoxic gas alone. *International Journal of Radiation Oncology Biology Physics*, **2001**, 51, 494-506	4	37
32	Tissue gradients of energy metabolites mirror oxygen tension gradients in a rat mammary carcinoma model. *International Journal of Radiation Oncology Biology Physics*, **2001**, 51, 840-8	4	59
31	Has the outlook improved for amifostine as a clinical radioprotector. *Radiotherapy and Oncology*, **2001**, 60, 334-6	5.3	3
30	Phase III randomized trial of amifostine as a radioprotector in head and neck cancer. *Journal of Clinical Oncology*, **2001**, 19, 1233-4	2.2	4
29	Phase III randomized trial of amifostine as a radioprotector in head and neck cancer. *Journal of Clinical Oncology*, **2000**, 18, 3339-45	2.2	668
28	Review of methods used to study oxygen transport at the microcirculatory level. *International Journal of Cancer*, **2000**, 90, 237-255	7.5	76
27	Effect of amifostine on patient assessed clinical benefit in irradiated head and neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2000**, 48, 1035-9	4	58
26	Temperature-dependent changes in physiologic parameters of spontaneous canine soft tissue sarcomas after combined radiotherapy and hyperthermia treatment. *International Journal of Radiation Oncology Biology Physics*, **2000**, 46, 179-85	4	104
25	Review of methods used to study oxygen transport at the microcirculatory level **2000**, 90, 237		2
24	The treatment of high-grade soft tissue sarcomas with preoperative thermoradiotherapy. *International Journal of Radiation Oncology Biology Physics*, **1999**, 45, 941-9	4	67
23	Double blind randomized trial of sucralfate vs placebo during radical radiotherapy for head and neck cancers. *Head and Neck*, **1999**, 21, 760-6	4.2	45
22	Conformal radiation therapy treatment planning reduces the dose to the optic structures for patients with tumors of the paranasal sinuses. *Radiotherapy and Oncology*, **1999**, 51, 215-8	5.3	31
21	Oxygenation of head and neck cancer: changes during radiotherapy and impact on treatment outcome. *Radiotherapy and Oncology*, **1999**, 53, 113-7	5.3	473

20	Radiotherapy and concurrent chemotherapy for the treatment of locally advanced head and neck squamous cell carcinoma. *Seminars in Radiation Oncology*, **1998**, 8, 237-46	5.5	45
19	Artificial neural network model of survival in patients treated with irradiation with and without concurrent chemotherapy for advanced carcinoma of the head and neck. *International Journal of Radiation Oncology Biology Physics*, **1998**, 41, 339-45	4	32
18	Hyperfractionated irradiation with or without concurrent chemotherapy for locally advanced head and neck cancer. *New England Journal of Medicine*, **1998**, 338, 1798-804	59.2	942
17	Hyperbaric Oxygen Improves Tumor Radiation Response Significantly More Than Carbogen/Nicotinamide. *Radiation Research*, **1997**, 147, 715	3.1	23
16	Radiation techniques for the treatment of Hodgkin's disease with combined modality therapy or radiation alone. *International Journal of Radiation Oncology Biology Physics*, **1997**, 39, 885-95	4	5
15	Comparison of two head and neck immobilization systems. *International Journal of Radiation Oncology Biology Physics*, **1997**, 38, 867-73	4	59
14	Tumor hypoxia adversely affects the prognosis of carcinoma of the head and neck. *International Journal of Radiation Oncology Biology Physics*, **1997**, 38, 285-9	4	894
13	Interlaboratory variation in oxygen tension measurement by Eppendorf "Histograph" and comparison with hypoxic marker. *Journal of Surgical Oncology*, **1997**, 66, 30-8	2.8	61
12	Patterns and variability of tumor oxygenation in human soft tissue sarcomas, cervical carcinomas, and lymph node metastases. *International Journal of Radiation Oncology Biology Physics*, **1995**, 32, 1121-5	4	116
11	A pilot study of etoposide, vinblastine, and doxorubicin plus involved field irradiation in advanced, previously untreated Hodgkin's disease. *Cancer*, **1994**, 74, 159-63	6.4	6
10	Pilot study of positron emission tomography in patients with advanced head and neck cancer receiving radiotherapy and chemotherapy. *Head and Neck*, **1994**, 16, 340-6	4.2	46
9	Pretreatment oxygenation profiles of human soft tissue sarcomas. *International Journal of Radiation Oncology Biology Physics*, **1994**, 30, 635-42	4	98
8	A phase I/II trial of twice daily irradiation and concurrent chemotherapy for locally advanced squamous cell carcinoma of the head and neck. *International Journal of Radiation Oncology Biology Physics*, **1994**, 28, 213-20	4	23
7	The effect of the perflubron emulsion Oxygent on the calibration characteristics of polarographic oxygen electrodes. *Radiotherapy and Oncology*, **1994**, 33, 262-5	5.3	3
6	Radiation therapy for head and neck cancer in a patient with Takayasu's arteritis. *Acta Oncologica*, **1994**, 33, 73-4	3.2	1
5	A comparison of tumor and normal tissue microvascular hematocrits and red cell fluxes in a rat window chamber model. *International Journal of Radiation Oncology Biology Physics*, **1993**, 25, 269-76	4	70
4	Perivascular Oxygen Tensions in a Transplantable Mammary Tumor Growing in a Dorsal Flap Window Chamber. *Radiation Research*, **1992**, 130, 171	3.1	84
3	Effects of the Calcium Channel Blocker Flunarizine on the Hemodynamics and Oxygenation of Tumor Microvasculature. *Radiation Research*, **1992**, 132, 61	3.1	13

2	Improved survival in advanced Hodgkin's disease with the use of combined modality therapy. *International Journal of Radiation Oncology Biology Physics*, **1990**, 19, 535-42	4	49
1	Failure patterns and survival in pediatric soft tissue sarcoma. *International Journal of Radiation Oncology Biology Physics*, **1988**, 15, 37-41	4	17