## **Anthony Charles Nichols**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Is Remote Learning as Effective as In-Person Learning for Contouring Education? A Prospective Comparison of Face-to-Face versus Online Delivery of the Anatomy and Radiology Contouring Bootcamp. International Journal of Radiation Oncology Biology Physics, 2022, 112, 590-599.	0.8	12
2	Variations of the thoracodorsal axis: application for scapular tip free flap harvesting. Oral and Maxillofacial Surgery, 2022, 26, 619-623.	1.3	2
3	Validity of functional patient-reported outcomes in head and neck oncology: A systematic review. Oral Oncology, 2022, 125, 105701.	1.5	3
4	Randomized Trial of Radiotherapy Versus Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma: Long-Term Results of the ORATOR Trial. Journal of Clinical Oncology, 2022, 40, 866-875.	1.6	77
5	Transoral robotic surgery for the identification of unknown primary head and neck squamous cell carcinomas: Its effect on the wait and the weight. Head and Neck, 2022, 44, 1206-1212.	2.0	3
6	The Impact of Surgical Resectability on Outcomes for Patients Undergoing Primary Radiation Treatment for Human Papillomavirus-Related Oropharyngeal Cancer. International Journal of Radiation Oncology Biology Physics, 2022, 113, 521-529.	0.8	4
7	Tumor molecular differences associated with outcome disparities of Black patients with head and neck, 2022, 44, 1124-1135.	2.0	4
8	Introduction and expression of PIK3CAE545K in a papillary thyroid cancer BRAFV600E cell line leads to a dedifferentiated aggressive phenotype. Journal of Otolaryngology - Head and Neck Surgery, 2022, 51, 7.	1.9	6
9	A CT-based radiomics model for predicting feeding tube insertion in oropharyngeal cancer. , 2022, , .		0
10	Assessment of Toxic Effects and Survival in Treatment Deescalation With Radiotherapy vs Transoral Surgery for HPV-Associated Oropharyngeal Squamous Cell Carcinoma. JAMA Oncology, 2022, 8, 845.	7.1	38
11	Utilizing Artificial Intelligence for Head and Neck Cancer Outcomes Prediction From Imaging. Canadian Association of Radiologists Journal, 2021, 72, 73-85.	2.0	21
12	Idiopathic Subglottic Stenosis: An Institutional Review of Outcomes With a Multimodality Surgical Approach. Otolaryngology - Head and Neck Surgery, 2021, 164, 1068-1076.	1.9	12
13	Investigating the Sources of Heterogeneity in Systematic Review of Recurrence Rate after Hemithyroidectomy for Low-Risk Well-Differentiated Thyroid Cancer. European Thyroid Journal, 2021, 10, 179-182.	2.4	0
14	Implantable Doppler Ultrasound Monitoring in Head and Neck Free Flaps: Balancing the Pros and Cons. Laryngoscope, 2021, 131, E1854-E1859.	2.0	11
15	Evaluation of a 3-Dimensional-Printed Head Simulation Technique for Teaching Flexible Nasopharyngoscopy to Radiation Oncology Residents. International Journal of Radiation Oncology Biology Physics, 2021, 109, 317-323.	0.8	2
16	Development, Implementation, and Initial Participant Feedback of an Online Anatomy and Radiology Contouring Bootcamp in Radiation Oncology. Journal of Medical Education and Curricular Development, 2021, 8, 238212052110377.	1.5	4
17	Low expression of NSD1, NSD2, and NSD3 define a subset of human papillomavirus-positive oral squamous carcinomas with unfavorable prognosis. Infectious Agents and Cancer, 2021, 16, 13.	2.6	10
18	Does HPV Subtype Predict Outcomes in Head and Neck Cancers?. International Journal of Otolaryngology, 2021, 2021, 1-11.	0.9	7

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19	All HPV-negative head and neck cancers are not the same: Analysis of the TCGA dataset reveals that anatomical sites have distinct mutation, transcriptome, hypoxia, and tumor microenvironment profiles. Oral Oncology, 2021, 116, 105260.	1.5	13
20	Detection of Circulating Tumor DNA in Patients with Thyroid Nodules. International Journal of Endocrinology, 2021, 2021, 1-8.	1.5	5
21	Assessing the Risk of SARS-CoV-2 Transmission via Surgical Electrocautery Plume. JAMA Surgery, 2021, 156, 883.	4.3	10
22	Implementation and evaluation of an online anatomy, radiology and contouring bootcamp for radiation therapists. Journal of Medical Imaging and Radiation Sciences, 2021, 52, 567-575.	0.3	0
23	3p Arm Loss and Survival in Head and Neck Cancer: An Analysis of TCGA Dataset. Cancers, 2021, 13, 5313.	3.7	3
24	Analysis of the TCGA Dataset Reveals that Subsites of Laryngeal Squamous Cell Carcinoma Are Molecularly Distinct. Cancers, 2021, 13, 105.	3.7	9
25	Assessment of shoulder function following scapular free flap. Head and Neck, 2020, 42, 224-229.	2.0	13
26	Spleen tyrosine kinase expression is correlated with human papillomavirus in head and neck cancer. Oral Oncology, 2020, 101, 104529.	1.5	5
27	Chromosome 3p loss in the progression and prognosis of head and neck cancer. Oral Oncology, 2020, 109, 104944.	1.5	9
28	TAM family receptors in conjunction with MAPK signalling are involved in acquired resistance to PI3Kα inhibition in head and neck squamous cell carcinoma. Journal of Experimental and Clinical Cancer Research, 2020, 39, 217.	8.6	10
29	Survival Outcomes in Human Papillomavirus–Associated Nonoropharyngeal Squamous Cell Carcinomas. JAMA Otolaryngology - Head and Neck Surgery, 2020, 146, 1158.	2.2	17
30	Modern treatment outcomes for early T-stage oropharyngeal cancer treated with intensity-modulated radiation therapy at a tertiary care institution. Radiation Oncology, 2020, 15, 261.	2.7	8
31	Development and validation of a Surgical Prioritization and Ranking Tool and Navigation Aid for Head and Neck Cancer (SPARTANâ€HN) in a scarce resource setting: Response to the COVIDâ€19 pandemic. Cancer, 2020, 126, 4895-4904.	4.1	19
32	Flavopiridol causes cell cycle inhibition and demonstrates anti-cancer activity in anaplastic thyroid cancer models. PLoS ONE, 2020, 15, e0239315.	2.5	10
33	Preservation of swallowing in resected oral cavity squamous cell carcinoma: examining radiation volume effects (PRESERVE): study protocol for a randomized phase II trial. Radiation Oncology, 2020, 15, 196.	2.7	2
34	DIY: Visualizing the immune landscape of tumors using transcriptome and methylome data. Methods in Enzymology, 2020, 636, 49-76.	1.0	1
35	Sex disparities in head & neck cancer driver genes: An analysis of the TCGA dataset. Oral Oncology, 2020, 104, 104614.	1.5	21
36	Novel Strategies to Effectively De-escalate Curative-Intent Therapy for Patients With HPV-Associated Oropharyngeal Cancer: Current and Future Directions. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2020, 40, 257-269.	3.8	18

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37	Treatment de-escalation for HPV-associated oropharyngeal squamous cell carcinoma with radiotherapy vs. trans-oral surgery (ORATOR2): study protocol for a randomized phase II trial. BMC Cancer, 2020, 20, 125.	2.6	49
38	Survival-Associated Metabolic Genes in Human Papillomavirus-Positive Head and Neck Cancers. Cancers, 2020, 12, 253.	3.7	40
39	PI3K Inhibitors Curtail MYC-Dependent Mutant p53 Gain-of-Function in Head and Neck Squamous Cell Carcinoma. Clinical Cancer Research, 2020, 26, 2956-2971.	7.0	33
40	High Level Expression of MHC-II in HPV+ Head and Neck Cancers Suggests that Tumor Epithelial Cells Serve an Important Role as Accessory Antigen Presenting Cells. Cancers, 2019, 11, 1129.	3.7	20
41	Disruption of the RICTOR/mTORC2 complex enhances the response of head and neck squamous cell carcinoma cells to PI3K inhibition. Molecular Oncology, 2019, 13, 2160-2177.	4.6	25
42	Radiotherapy versus transoral robotic surgery and neck dissection for oropharyngeal squamous cell carcinoma (ORATOR): an open-label, phase 2, randomised trial. Lancet Oncology, The, 2019, 20, 1349-1359.	10.7	309
43	Mutational analysis of head and neck squamous cell carcinoma stratified by smoking status. JCI Insight, 2019, 4, .	5.0	25
44	Utility of clinical features with fine needle aspiration biopsy for diagnosis of Warthin tumor. Journal of Otolaryngology - Head and Neck Surgery, 2019, 48, 41.	1.9	5
45	Novel minimally invasive transoral surgery bleeding model implemented in a nationwide otolaryngology emergencies bootcamp. Journal of Robotic Surgery, 2019, 13, 773-778.	1.8	6
46	Outcomes of Cutaneous Squamous Cell Carcinoma in the Head and Neck Region With Regional Lymph Node Metastasis. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 352.	2.2	47
47	Sparing of swallowing-related organs in radiotherapy for oropharyngeal squamous cell carcinoma–Authors' reply. Lancet Oncology, The, 2019, 20, e612.	10.7	1
48	Genomic and human papillomavirus profiling of an oral cancer cohort identifies TP53 as a predictor of overall survival. Cancers of the Head & Neck, 2019, 4, 5.	6.2	15
49	A controlled trial of HNSCC patientâ€derived xenografts reveals broad efficacy of PI3Kα inhibition in controlling tumor growth. International Journal of Cancer, 2019, 145, 2100-2106.	5.1	17
50	Predictors of cisplatin-induced ototoxicity and survival in chemoradiation treated head and neck cancer patients. Oral Oncology, 2019, 89, 72-78.	1.5	28
51	Shouldering the load of mandible reconstruction: 81 cases of oromandibular reconstruction with the scapular tip free flap. Head and Neck, 2019, 41, 30-36.	2.0	16
52	A phase II randomized trial for early-stage squamous cell carcinoma of the oropharynx: Radiotherapy versus trans-oral robotic surgery (ORATOR) Journal of Clinical Oncology, 2019, 37, 6006-6006.	1.6	6
53	Abstract CT122: Randomized assessment of cisplatin dose interval for ototoxicity in the treatment of locally advanced squamous cell carcinoma of the head and neck undergoing curative concurrent chemoradiotherapy (RADIO). , 2019, , .		1
54	Proactive versus reactive feeding tube (FT) placement in head and neck cancer patients (HNC pts) receiving chemoradiation (CRT) Journal of Clinical Oncology, 2019, 37, 11-11.	1.6	4

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55	Treatment of early stage Supraglottic squamous cell carcinoma: meta-analysis comparing primary surgery versus primary radiotherapy. Journal of Otolaryngology - Head and Neck Surgery, 2018, 47, 19.	1.9	18
56	Lestaurtinib is a potent inhibitor of anaplastic thyroid cancer cell line models. PLoS ONE, 2018, 13, e0207152.	2.5	18
57	Functional outcomes in early (T1/T2) supraglottic cancer: a systematic review. Journal of Otolaryngology - Head and Neck Surgery, 2018, 47, 76.	1.9	17
58	The Impact of Seasonal Operating Room Closures on Wait Times for Oral Cancer Surgery. Current Oncology, 2018, 25, 67-72.	2.2	11
59	Treatment-naÃ⁻ve HPV+ head and neck cancers display a T-cell-inflamed phenotype distinct from their HPV- counterparts that has implications for immunotherapy. Oncolmmunology, 2018, 7, e1498439.	4.6	124
60	ERK-TSC2 signalling in constitutively-active HRAS mutant HNSCC cells promotes resistance to PI3K inhibition. Oral Oncology, 2018, 84, 95-103.	1.5	29
61	The prevalence of human papillomavirus in pediatric tonsils: A systematic review of the literature. Journal of Otolaryngology - Head and Neck Surgery, 2018, 47, 8.	1.9	11
62	Predictors of plate extrusion in oromandibular free flap reconstruction. Microsurgery, 2018, 38, 682-689.	1.3	16
63	Early mortality with immune checkpoint inhibitors (IOs) in solid tumors: An inconvenient truth?. Journal of Clinical Oncology, 2018, 36, 12121-12121.	1.6	2
64	High-throughput testing in head and neck squamous cell carcinoma identifies agents with preferential activity in human papillomavirus-positive or negative cell lines. Oncotarget, 2018, 9, 26064-26071.	1.8	13
65	The effect of MATE1 polymorphisms on cisplatin efficacy in patients with head and neck cancer Journal of Clinical Oncology, 2018, 36, e18069-e18069.	1.6	0
66	A paired comparison analysis of third-party rater thyroidectomy scar preference. Journal of Laryngology and Otology, 2017, 131, 13-18.	0.8	2
67	Impaired H3K36 methylation defines a subset of head and neck squamous cell carcinomas. Nature Genetics, 2017, 49, 180-185.	21.4	195
68	Estimating Survival After Salvage Surgery for Recurrent Oral Cavity Cancer. JAMA Otolaryngology - Head and Neck Surgery, 2017, 143, 685.	2.2	42
69	The incidence and management of non-head and neck incidentalomas for the head and neck surgeon. Oral Oncology, 2017, 74, 98-104.	1.5	2
70	Evaluating organ preservation outcome as treatment endpoint for T1aNO glottic cancer. Laryngoscope, 2017, 127, 1322-1327.	2.0	34
71	Analysis of Class I Major Histocompatibility Complex Gene Transcription in Human Tumors Caused by Human Papillomavirus Infection. Viruses, 2017, 9, 252.	3.3	29
72	Repurposing Albendazole: new potential as a chemotherapeutic agent with preferential activity against HPV-negative head and neck squamous cell cancer. Oncotarget, 2017, 8, 71512-71519.	1.8	29

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73	Human papillomavirus dysregulates the cellular apparatus controlling the methylation status of H3K27 in different human cancers to consistently alter gene expression regardless of tissue of origin. Oncotarget, 2017, 8, 72564-72576.	1.8	24
74	Abstract 2137: JAK2 as a novel therapeutic target in anaplastic thyroid cancer. , 2017, , .		0
75	Abstract 3162: HRAS G12V predicts for innate resistance to PI3Kα inhibition in head and neck squamous cell cancer. , 2017, , .		О
76	Pedicled adipofascial infraclavicular flap: Elevation technique and its use for maintaining neck contour and vessel coverage after radical and modified radical neck dissection. Head and Neck, 2016, 38, 1579-1582.	2.0	9
77	Feasibility of Targeting PIK3CA Mutations in Head and Neck Squamous Cell Carcinoma. Pathology and Oncology Research, 2016, 22, 35-40.	1.9	4
78	Abstract 4666: Phosphatidylinositol 3-kinase (PI3K) and mTOR inhibitors demonstrate broad efficacy and synergy in head and neck cancer cell lines and patient-derived xenografts. , 2016, , .		0
79	Abstract 3019: High throughput drug screening identified spleen tyrosine kinase as a novel therapeutic target in head and neck cancer with potent in vitro and in vivo activity. , 2016, , .		0
80	A Population-Based Study of 30-day Incidence of Ischemic Stroke Following Surgical Neck Dissection. Medicine (United States), 2015, 94, e1106.	1.0	13
81	Evaluating the Impact of a Canadian National Anatomy and Radiology Contouring Boot Camp for Radiation Oncology Residents. International Journal of Radiation Oncology Biology Physics, 2015, 91, 701-707.	0.8	34
82	Defining the genomic landscape of head and neck cancers through nextâ€generation sequencing. Oral Diseases, 2015, 21, e11-24.	3.0	23
83	Genomically Driven Precision Medicine to Improve Outcomes in Anaplastic Thyroid Cancer. Journal of Oncology, 2014, 2014, 1-7.	1.3	20
84	Exploiting high-throughput cell line drug screening studies to identify candidate therapeutic agents in head and neck cancer. BMC Pharmacology & Toxicology, 2014, 15, 66.	2.4	23
85	Human papillomavirus in head and neck cancer. Cmaj, 2014, 186, 370-370.	2.0	7
86	Human papillomavirus-related oropharyngeal squamous cell carcinoma: a new context for dysphagia rehabilitation. Current Physical Medicine and Rehabilitation Reports, 2014, 2, 231-240.	0.8	2
87	Contact endoscopy as a novel technique in the detection and diagnosis of oral cavity and oropharyngeal mucosal lesions in the head and neck. Journal of Laryngology and Otology, 2014, 128, 147-152.	0.8	4
88	The Human Papillomavirus E7 Proteins Associate with p190RhoGAP and Alter Its Function. Journal of Virology, 2014, 88, 3653-3663.	3.4	15
89	Vaccinia Virus Outperforms a Panel of Other Poxviruses as a Potent Oncolytic Agent for the Control of Head and Neck Squamous Cell Carcinoma Cell Lines. Intervirology, 2014, 57, 17-22.	2.8	8
90	The control of anaplastic thyroid carcinoma cell lines by oncolytic poxviruses. Virus Research, 2014, 190, 53-59.	2.2	11

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91	Variable expression of the forgotten oncogene E5 in HPV-positive oropharyngeal cancer. Journal of Clinical Virology, 2014, 61, 94-100.	3.1	28
92	Hotspot activating PRKD1 somatic mutations in polymorphous low-grade adenocarcinomas of the salivary glands. Nature Genetics, 2014, 46, 1166-1169.	21.4	188
93	Temporal changes in the efficacy of chemotherapy for recurrent or metastatic squamous cell carcinoma of the head and neck: A systematic review and meta-analysis. Cancer Treatment Reviews, 2014, 40, 1073-1079.	7.7	9
94	CD271 is a functional and targetable marker of tumor-initiating cells in head and neck squamous cell carcinoma. Oncotarget, 2014, 5, 6854-6866.	1.8	63
95	A new angle to mandibular reconstruction: The scapular tip free flap. Head and Neck, 2013, 35, 980-986.	2.0	33
96	Early-stage squamous cell carcinoma of the oropharynx: Radiotherapy vs. Trans-Oral Robotic Surgery (ORATOR) – study protocol for a randomized phase II trial. BMC Cancer, 2013, 13, 133.	2.6	116
97	Does HPV type affect outcome in oropharyngeal cancer?. Journal of Otolaryngology - Head and Neck Surgery, 2013, 42, 9.	1.9	52
98	Development of a transoral robotic surgery program in Canada. Journal of Otolaryngology - Head and Neck Surgery, 2013, 42, 8.	1.9	5
99	Transoral robotic total laryngectomy: Report of 3 cases. Head and Neck, 2013, 35, E338-E342.	2.0	58
100	Comparison of Fibular and Scapular Osseous Free Flaps for Oromandibular Reconstruction. JAMA Otolaryngology - Head and Neck Surgery, 2013, 139, 285.	2.2	91
101	High Frequency of Activating <emph type="ital">PIK3CA</emph> Mutations in Human Papillomavirus–Positive Oropharyngeal Cancer <alt-title><emph type="ital"&gt;PIK3CA in HPV+ Oropharyngeal Squamous Cell Carcinoma</emph </alt-title> . JAMA Otolaryngology - Head and Neck Surgery, 2013, 139, 617.	2.2	68
102	A Case Report and Genetic Characterization of a Massive Acinic Cell Carcinoma of the Parotid with Delayed Distant Metastases. Case Reports in Oncological Medicine, 2013, 2013, 1-7.	0.3	5
103	Viral Retasking of hBre1/RNF20 to Recruit hPaf1 for Transcriptional Activation. PLoS Pathogens, 2013, 9, e1003411.	4.7	22
104	Can radiological changes in lymph node volume during treatment predict success of radiation therapy in patients with locally advanced head and neck squamous cell carcinoma?. Journal of Medical Imaging and Radiation Oncology, 2013, 57, 603-609.	1.8	4
105	The Role of Transoral Robotic Surgery in the Management of Oropharyngeal Cancer: A Review of the Literature. ISRN Oncology, 2012, 2012, 1-14.	2.1	91
106	Frequent Mutations in TP53 and CDKN2A Found by Next-Generation Sequencing of Head and Neck Cancer Cell Lines. JAMA Otolaryngology, 2012, 138, 732.	1.2	44
107	A Pilot Study Comparing HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinomas by Whole Exome Sequencing. ISRN Oncology, 2012, 2012, 1-9.	2.1	31
108	A descriptive analysis of the relationship between quality of life and distress in individuals with head and neck cancer. Supportive Care in Cancer, 2012, 20, 2157-2165.	2.2	38

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109	Detection of circulating tumor cells in advanced head and neck cancer using the cellsearch system. Head and Neck, 2012, 34, 1440-1444.	2.0	103
110	Ki-67 expression predicts radiotherapy failure in early glottic cancer. Journal of Otolaryngology - Head and Neck Surgery, 2012, 41, 124-30.	1.9	10
111	Contact Endoscopy as a Novel Technique in the Detection and Diagnosis of Mucosal Lesions in the Head and Neck: A Brief Review. Journal of Oncology, 2011, 2011, 1-6.	1.3	13
112	The buccinator flap. Current Opinion in Otolaryngology and Head and Neck Surgery, 2011, 19, 257-262.	1.8	26
113	Surgical salvage of the oropharynx after failure of organâ€sparing therapy. Head and Neck, 2011, 33, 516-524.	2.0	55
114	Bcl2 and Human Papilloma Virus 16 as Predictors of Outcome following Concurrent Chemoradiation for Advanced Oropharyngeal Cancer. Clinical Cancer Research, 2010, 16, 2138-2146.	7.0	62
115	Bcl-2 Blocks Cisplatin-Induced Apoptosis and Predicts Poor Outcome Following Chemoradiation Treatment in Advanced Oropharyngeal Squamous Cell Carcinoma. Clinical Cancer Research, 2009, 15, 1645-1654.	7.0	110
116	Work Type II First Branchial Cleft Cyst with External Auditory Canal Duplication. Laryngoscope, 2009, 119, S17.	2.0	0
117	HPVâ€16Âinfection predicts treatment outcome in oropharyngeal squamous cell carcinoma. Otolaryngology - Head and Neck Surgery, 2009, 140, 228-234.	1.9	104
118	Esthesioneuroblastoma: The Massachusetts Eye and Ear Infirmary and Massachusetts General Hospital Experience with Craniofacial Resection, Proton Beam Radiation, and Chemotherapy. Skull Base, 2008, 18, 327-337.	0.4	64
119	Racial Differences in Stage and Survival in Head and Neck Squamous Cell Carcinoma. Laryngoscope, 2007, 117, 770-775.	2.0	61
120	Bryostatin-1 attenuates TNF-induced epithelial barrier dysfunction: role of novel PKC isozymes. American Journal of Physiology - Renal Physiology, 2003, 284, G703-G712.	3.4	22
121	Bryostatin-1 enhances barrier function in T84 epithelia through PKC-dependent regulation of tight junction proteins. American Journal of Physiology - Cell Physiology, 2003, 285, C300-C309.	4.6	54
122	Protein kinase Ϊμ dampens the secretory response of model intestinal epithelia during ischemia. Surgery, 2001, 130, 310-318.	1.9	7
123	Lenvatinib in multimodal therapy for unresectable radioactive iodineâ€naÃ⁻ve differentiated thyroid cancer: A case report with literature review. Cancer Reports, 0, , .	1.4	1