

Stephen Y Lai

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

212
papers

7,226
citations

46
h-index

77
g-index

236
ext. papers

8,762
ext. citations

5.3
avg, IF

5.58
L-index

#	Paper	IF	Citations
212	Venous thromboembolism and mortality associated with recombinant erythropoietin and darbepoetin administration for the treatment of cancer-associated anemia. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 914-24	27.4	543
211	Neoadjuvant immune checkpoint blockade in high-risk resectable melanoma. <i>Nature Medicine</i> , 2018 , 24, 1649-1654	50.5	377
210	Mutational landscape of aggressive cutaneous squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2014 , 20, 6582-92	12.9	362
209	Head and neck squamous cell carcinoma cell lines: established models and rationale for selection. <i>Head and Neck</i> , 2007 , 29, 163-88	4.2	180
208	Eat and exercise during radiotherapy or chemoradiotherapy for pharyngeal cancers: use it or lose it. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2013 , 139, 1127-34	3.9	150
207	Head and neck cancer: an evolving treatment paradigm. <i>Cancer</i> , 2008 , 113, 1911-32	6.4	146
206	Erythropoietin-mediated activation of JAK-STAT signaling contributes to cellular invasion in head and neck squamous cell carcinoma. <i>Oncogene</i> , 2005 , 24, 4442-9	9.2	134
205	Stereotactic body radiotherapy for recurrent squamous cell carcinoma of the head and neck: results of a phase I dose-escalation trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 75, 1493-500	4	129
204	Defining the role of the JAK-STAT pathway in head and neck and thoracic malignancies: implications for future therapeutic approaches. <i>Drug Resistance Updates</i> , 2010 , 13, 67-78	23.2	124
203	Induction docetaxel, cisplatin, and cetuximab followed by concurrent radiotherapy, cisplatin, and cetuximab and maintenance cetuximab in patients with locally advanced head and neck cancer. <i>Journal of Clinical Oncology</i> , 2010 , 28, 5294-300	2.2	116
202	Treatment and survival outcomes based on histologic grading in patients with head and neck mucoepidermoid carcinoma. <i>Cancer</i> , 2008 , 113, 2082-9	6.4	108
201	Allele-Specific Reprogramming of Cancer Metabolism by the Long Non-coding RNA CCAT2. <i>Molecular Cell</i> , 2016 , 61, 520-534	17.6	101
200	Deferring planned neck dissection following chemoradiation for stage IV head and neck cancer: the utility of PET-CT. <i>Laryngoscope</i> , 2007 , 117, 2129-34	3.6	95
199	Dynamic Imaging Grade of Swallowing Toxicity (DIGEST): Scale development and validation. <i>Cancer</i> , 2017 , 123, 62-70	6.4	94
198	Single agent nanoparticle for radiotherapy and radio-photothermal therapy in anaplastic thyroid cancer. <i>Biomaterials</i> , 2015 , 57, 41-9	15.6	91
197	[(99m)Tc]Tilmanocept Accurately Detects Sentinel Lymph Nodes and Predicts Node Pathology Status in Patients with Oral Squamous Cell Carcinoma of the Head and Neck: Results of a Phase III Multi-institutional Trial. <i>Annals of Surgical Oncology</i> , 2015 , 22, 3708-15	3.1	90
196	Sphenoid encephaloceles: disease management and identification of lesions within the lateral recess of the sphenoid sinus. <i>Laryngoscope</i> , 2002 , 112, 1800-5	3.6	90

195	Erythropoietin signaling promotes invasiveness of human head and neck squamous cell carcinoma. <i>Neoplasia</i> , 2005 , 7, 537-43	6.4	88
194	Complete Surgical Resection Following Neoadjuvant Dabrafenib Plus Trametinib in -Mutated Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2019 , 29, 1036-1043	6.2	87
193	Sorafenib in metastatic thyroid cancer: a systematic review. <i>Oncologist</i> , 2014 , 19, 251-8	5.7	79
192	Gastrostomy tube placement in patients with oropharyngeal carcinoma treated with radiotherapy or chemoradiotherapy: factors affecting placement and dependence. <i>Head and Neck</i> , 2013 , 35, 1634-40	4.2	79
191	Patterns of Treatment Failure in Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2017 , 27, 672-681	6.2	78
190	Correction: Tumor grafts derived from patients with head and neck squamous carcinoma authentically maintain the molecular and Histologic characteristics of human cancers. <i>Journal of Translational Medicine</i> , 2014 , 12, 67	8.5	78
189	Heteromerization of the gammac chain with the interleukin-9 receptor alpha subunit leads to STAT activation and prevention of apoptosis. <i>Journal of Biological Chemistry</i> , 1998 , 273, 9255-60	5.4	69
188	Distinct tyrosine residues within the interleukin-2 receptor beta chain drive signal transduction specificity, redundancy, and diversity. <i>Journal of Biological Chemistry</i> , 1996 , 271, 21381-90	5.4	67
187	Radiosensitization and stromal imaging response correlates for the HIF-1 inhibitor PX-478 given with or without chemotherapy in pancreatic cancer. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 2057-67	6.1	66
186	Beyond mean pharyngeal constrictor dose for beam path toxicity in non-target swallowing muscles: Dose-volume correlates of chronic radiation-associated dysphagia (RAD) after oropharyngeal intensity modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2016 , 118, 304-14	5.3	63
185	Recommendations for head and neck surgical oncology practice in a setting of acute severe resource constraint during the COVID-19 pandemic: an international consensus. <i>Lancet Oncology</i> , 2020 , 21, e350-e359	21.7	62
184	Functional relevance of miRNA sequences in human disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012 , 731, 14-9	3.3	62
183	Targeting STAT3 inhibits growth and enhances radiosensitivity in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2012 , 48, 1220-6	4.4	62
182	Quality and performance indicators in an academic department of head and neck surgery. <i>JAMA Otolaryngology</i> , 2010 , 136, 1212-8		62
181	Growth signal transduction by the human interleukin-2 receptor requires cytoplasmic tyrosines of the beta chain and non-tyrosine residues of the gamma c chain. <i>Journal of Biological Chemistry</i> , 1995 , 270, 21729-37	5.4	61
180	Lymphedema outcomes in patients with head and neck cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2015 , 152, 284-291	5.5	60
179	Targeted therapy of VEGFR2 and EGFR significantly inhibits growth of anaplastic thyroid cancer in an orthotopic murine model. <i>Clinical Cancer Research</i> , 2011 , 17, 2281-91	12.9	60
178	Identification of upper respiratory bacterial pathogens with the electronic nose. <i>Laryngoscope</i> , 2002 , 112, 975-9	3.6	60

177	MEK inhibitor PD0325901 significantly reduces the growth of papillary thyroid carcinoma cells in vitro and in vivo. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 1968-76	6.1	59
176	Evaluation of Overall Survival in Patients With Anaplastic Thyroid Carcinoma, 2000-2019. <i>JAMA Oncology</i> , 2020 , 6, 1397-1404	13.4	58
175	Intratumoral epidermal growth factor receptor antisense DNA therapy in head and neck cancer: first human application and potential antitumor mechanisms. <i>Journal of Clinical Oncology</i> , 2009 , 27, 1235-42	2.2	52
174	Kinetic Modeling and Constrained Reconstruction of Hyperpolarized [1-13C]-Pyruvate Offers Improved Metabolic Imaging of Tumors. <i>Cancer Research</i> , 2015 , 75, 4708-17	10.1	51
173	Tumor grafts derived from patients with head and neck squamous carcinoma authentically maintain the molecular and histologic characteristics of human cancers. <i>Journal of Translational Medicine</i> , 2013 , 11, 198	8.5	51
172	Comprehensive Genetic Characterization of Human Thyroid Cancer Cell Lines: A Validated Panel for Preclinical Studies. <i>Clinical Cancer Research</i> , 2019 , 25, 3141-3151	12.9	50
171	Real-Time Genomic Characterization Utilizing Circulating Cell-Free DNA in Patients with Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2017 , 27, 81-87	6.2	50
170	Small-molecule inhibition of STAT3 in radioresistant head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2016 , 7, 26307-30	3.3	50
169	Association of TERT Promoter Mutation, But Not BRAF Mutation, With Increased Mortality in PTC. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1550-9	5.6	48
168	STAT5A-mediated SOCS2 expression regulates Jak2 and STAT3 activity following c-Src inhibition in head and neck squamous carcinoma. <i>Clinical Cancer Research</i> , 2012 , 18, 127-39	12.9	48
167	Delineating copy number and clonal substructure in human tumors from single-cell transcriptomes. <i>Nature Biotechnology</i> , 2021 , 39, 599-608	44.5	47
166	Magnetic Resonance Imaging of Glucose Uptake and Metabolism in Patients with Head and Neck Cancer. <i>Scientific Reports</i> , 2016 , 6, 30618	4.9	45
165	Radiation therapy dose is associated with improved survival for unresected anaplastic thyroid carcinoma: Outcomes from the National Cancer Data Base. <i>Cancer</i> , 2017 , 123, 1653-1661	6.4	44
164	Sialendoscopy for Patients with Radioiodine-Induced Sialadenitis and Xerostomia. <i>Thyroid</i> , 2015 , 25, 834-8	6.2	44
163	Intensity-modulated proton therapy and osteoradionecrosis in oropharyngeal cancer. <i>Radiotherapy and Oncology</i> , 2017 , 123, 401-405	5.3	43
162	Cisplatin generates oxidative stress which is accompanied by rapid shifts in central carbon metabolism. <i>Scientific Reports</i> , 2018 , 8, 4306	4.9	43
161	Glycolytic inhibition alters anaplastic thyroid carcinoma tumor metabolism and improves response to conventional chemotherapy and radiation. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 1373-80	6.1	43
160	Detection of thyroid cancer stem cells in papillary thyroid carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 536-44	5.6	41

159	Salvage total laryngectomy after external-beam radiotherapy: A 20-year experience. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E1962-8	4.2	41
158	Multidisciplinary management of lacrimal sac/nasolacrimal duct carcinomas. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2013 , 29, 454-7	1.4	40
157	Reconstruction of the lateral mandibulectomy defect: management based on prognosis and location and volume of soft tissue resection. <i>Laryngoscope</i> , 2006 , 116, 2071-80	3.6	40
156	Coordinated targeting of the EGFR signaling axis by microRNA-27a*. <i>Oncotarget</i> , 2013 , 4, 1388-98	3.3	40
155	Effect of Tumor Size and Minimal Extrathyroidal Extension in Patients with Differentiated Thyroid Cancer. <i>Thyroid</i> , 2018 , 28, 982-990	6.2	40
154	Parotidectomy in the treatment of aggressive cutaneous malignancies. <i>JAMA Otolaryngology</i> , 2002 , 128, 521-6		39
153	Clinical care pathway for head and neck cancer: a valuable tool for decreasing resource utilization. <i>JAMA Otolaryngology</i> , 2002 , 128, 258-62		39
152	Dose-volume correlates of mandibular osteoradionecrosis in Oropharynx cancer patients receiving intensity-modulated radiotherapy: Results from a case-matched comparison. <i>Radiotherapy and Oncology</i> , 2017 , 124, 232-239	5.3	38
151	Sebaceous carcinoma: evidence-based clinical practice guidelines. <i>Lancet Oncology</i> , 2019 , 20, e699-e714	7.1	37
150	Surgical consensus guidelines on sentinel node biopsy (SNB) in patients with oral cancer. <i>Head and Neck</i> , 2019 , 41, 2655-2664	4.2	36
149	Minimally invasive video-assisted thyroidectomy: expanded indications and oncologic completeness. <i>Head and Neck</i> , 2008 , 30, 1403-7	4.2	36
148	Development and Feasibility of a Specialty-Specific National Surgical Quality Improvement Program (NSQIP): The Head and Neck-Reconstructive Surgery NSQIP. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2016 , 142, 321-7	3.9	35
147	Intravoxel incoherent motion imaging kinetics during chemoradiotherapy for human papillomavirus-associated squamous cell carcinoma of the oropharynx: preliminary results from a prospective pilot study. <i>NMR in Biomedicine</i> , 2015 , 28, 1645-54	4.4	34
146	Long-Term, Prospective Performance of the MD Anderson Dysphagia Inventory in "Low-Intermediate Risk" Oropharyngeal Carcinoma After Intensity Modulated Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 700-708	4	33
145	Gastrostomy tube placement in patients with hypopharyngeal cancer treated with radiotherapy or chemoradiotherapy: factors affecting placement and dependence. <i>Head and Neck</i> , 2013 , 35, 1641-6	4.2	33
144	Understanding the presence and function of erythropoietin receptors on cancer cells. <i>Journal of Clinical Oncology</i> , 2006 , 24, 4675-6	2.2	33
143	Expiratory muscle strength training for radiation-associated aspiration after head and neck cancer: A case series. <i>Laryngoscope</i> , 2018 , 128, 1044-1051	3.6	31
142	Redundant and Selective Roles for Erythropoietin Receptor Tyrosines in Erythropoiesis In Vivo. <i>Blood</i> , 1998 , 91, 870-878	2.2	31

141	Head and neck surgical oncology in the time of a pandemic: Subsite-specific triage guidelines during the COVID-19 pandemic. <i>Head and Neck</i> , 2020 , 42, 1194-1201	4.2	30
140	A review of safety, efficacy, and utilization of erythropoietin, darbepoetin, and peginesatide for patients with cancer or chronic kidney disease: a report from the Southern Network on Adverse Reactions (SONAR). <i>Seminars in Thrombosis and Hemostasis</i> , 2012 , 38, 783-96	5.3	30
139	Evaluation of hyperpolarized [1- ¹³ C]-pyruvate by magnetic resonance to detect ionizing radiation effects in real time. <i>PLoS ONE</i> , 2014 , 9, e87031	3.7	29
138	The role of elective nodal irradiation for esthesioneuroblastoma patients with clinically negative neck. <i>Practical Radiation Oncology</i> , 2016 , 6, 241-247	2.8	28
137	Imaging-Genomic Study of Head and Neck Squamous Cell Carcinoma: Associations Between Radiomic Phenotypes and Genomic Mechanisms via Integration of The Cancer Genome Atlas and The Cancer Imaging Archive. <i>JCO Clinical Cancer Informatics</i> , 2019 , 3, 1-9	5.2	27
136	Changing practice patterns in head and neck oncologic surgery in the early COVID-19 era. <i>Head and Neck</i> , 2020 , 42, 1179-1186	4.2	26
135	Long-term outcomes after multidisciplinary management of T3 laryngeal squamous cell carcinomas: Improved functional outcomes and survival with modern therapeutic approaches. <i>Head and Neck</i> , 2016 , 38, 1739-1751	4.2	26
134	Prognostic factors in patients with high-risk locally advanced salivary gland cancers treated with surgery and postoperative radiotherapy. <i>Head and Neck</i> , 2011 , 33, 318-23	4.2	26
133	Association of Lymph Node Density With Survival of Patients With Papillary Thyroid Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018 , 144, 108-114	3.9	26
132	Predicting two-year longitudinal MD Anderson Dysphagia Inventory outcomes after intensity modulated radiotherapy for locoregionally advanced oropharyngeal carcinoma. <i>Laryngoscope</i> , 2017 , 127, 842-848	3.6	25
131	Dysphagia After Primary Transoral Robotic Surgery With Neck Dissection vs Nonsurgical Therapy in Patients With Low- to Intermediate-Risk Oropharyngeal Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019 , 145, 1053-1063	3.9	25
130	Genetic Evidence for an Additional Factor Required for Erythropoietin-Induced Signal Transduction. <i>Blood</i> , 1999 , 94, 74-86	2.2	25
129	Mitochondrial Metabolism as a Treatment Target in Anaplastic Thyroid Cancer. <i>Seminars in Oncology</i> , 2015 , 42, 915-22	5.5	24
128	Oligomerization and scaffolding functions of the erythropoietin receptor cytoplasmic tail. <i>Journal of Biological Chemistry</i> , 1999 , 274, 5415-21	5.4	24
127	Machine Learning Applications in Head and Neck Radiation Oncology: Lessons From Open-Source Radiomics Challenges. <i>Frontiers in Oncology</i> , 2018 , 8, 294	5.3	23
126	Adjuvant External Beam Radiotherapy in Locally Advanced Differentiated Thyroid Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017 , 143, 1244-1251	3.9	23
125	Prospective observer and software-based assessment of magnetic resonance imaging quality in head and neck cancer: Should standard positioning and immobilization be required for radiation therapy applications?. <i>Practical Radiation Oncology</i> , 2015 , 5, e299-308	2.8	23
124	Reconstruction of the through-and-through anterior mandibulectomy defect: indications and limitations of the double-skin paddle fibular free flap. <i>Laryngoscope</i> , 2008 , 118, 1329-34	3.6	23

123	HIF-1-dependent stromal adaptation to ischemia mediates in vivo tumor radiation resistance. <i>Molecular Cancer Research</i> , 2011 , 9, 259-70	6.6	22
122	Improving patient outcomes through multidisciplinary treatment planning conference. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E1820-5	4.2	22
121	Radial spectroscopic MRI of hyperpolarized [1-(13) C] pyruvate at 7 tesla. <i>Magnetic Resonance in Medicine</i> , 2014 , 72, 986-95	4.4	21
120	Dysregulation of hypoxia inducible factor-1alpha in head and neck squamous cell carcinoma cell lines correlates with invasive potential. <i>Laryngoscope</i> , 2004 , 114, 418-23	3.6	21
119	Delayed lower cranial neuropathy after oropharyngeal intensity-modulated radiotherapy: A cohort analysis and literature review. <i>Head and Neck</i> , 2017 , 39, 1516-1523	4.2	20
118	An audit and feedback system for effective quality improvement in head and neck surgery: Can we become better surgeons?. <i>Cancer</i> , 2015 , 121, 1581-7	6.4	20
117	Comparing Intensity-Modulated Proton Therapy With Intensity-Modulated Photon Therapy for Oropharyngeal Cancer: The Journey From Clinical Trial Concept to Activation. <i>Seminars in Radiation Oncology</i> , 2018 , 28, 108-113	5.5	20
116	Magnetic Resonance-based Response Assessment and Dose Adaptation in Human Papilloma Virus Positive Tumors of the Oropharynx treated with Radiotherapy (MR-ADAPTOR): An R-IDEAL stage 2a-2b/Bayesian phase II trial. <i>Clinical and Translational Radiation Oncology</i> , 2018 , 13, 19-23	4.6	20
115	Symptom burden and dysphagia associated with osteoradionecrosis in long-term oropharynx cancer survivors: A cohort analysis. <i>Oral Oncology</i> , 2017 , 66, 75-80	4.4	19
114	Influence of parameter accuracy on pharmacokinetic analysis of hyperpolarized pyruvate. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 3239-3248	4.4	19
113	Phosphaturic mesenchymal tumor: a report of 6 patients treated at a single institution and comparison with reported series. <i>Annals of Diagnostic Pathology</i> , 2013 , 17, 319-21	2.2	19
112	Reduced feeding tube duration with intensity-modulated radiation therapy for head and neck cancer: A Surveillance, Epidemiology, and End Results-Medicare Analysis. <i>Cancer</i> , 2017 , 123, 283-293	6.4	19
111	Activated Vav2 modulates cellular invasion through Rac1 and Cdc42 in oral squamous cell carcinoma. <i>Oral Oncology</i> , 2008 , 44, 683-8	4.4	19
110	Identification of a variable region within the cytoplasmic tail of the IL-2 receptor beta chain that is required for growth signal transduction. <i>Journal of Biological Chemistry</i> , 1995 , 270, 22176-81	5.4	19
109	Radiotherapy dose-volume parameters predict videofluoroscopy-detected dysphagia per DIGEST after IMRT for oropharyngeal cancer: Results of a prospective registry. <i>Radiotherapy and Oncology</i> , 2018 , 128, 442-451	5.3	19
108	Long-term patient reported outcomes following radiation therapy for oropharyngeal cancer: cross-sectional assessment of a prospective symptom survey in patients ≥55 years old. <i>Radiation Oncology</i> , 2017 , 12, 150	4.2	18
107	Management of squamous cell carcinoma of the base of tongue with chemoradiation and brachytherapy. <i>Head and Neck</i> , 2009 , 31, 1431-8	4.2	18
106	Outcomes of oral cavity cancer patients treated with surgery followed by postoperative intensity modulated radiation therapy. <i>Oral Oncology</i> , 2017 , 72, 90-97	4.4	18

105	Endocrine surgery in the Coronavirus disease 2019 pandemic: Surgical Triage Guidelines. <i>Head and Neck</i> , 2020 , 42, 1325-1328	4.2	18
104	Chronic radiation-associated dysphagia in oropharyngeal cancer survivors: Towards age-adjusted dose constraints for deglutitive muscles. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 18, 16-22	4.6	17
103	Patterns-of-failure guided biological target volume definition for head and neck cancer patients: FDG-PET and dosimetric analysis of dose escalation candidate subregions. <i>Radiotherapy and Oncology</i> , 2017 , 124, 248-255	5.3	17
102	Development and characterization of six new human papillary thyroid carcinoma cell lines. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E243-52	5.6	17
101	Src inhibitors in suppression of papillary thyroid carcinoma growth. <i>Head and Neck</i> , 2014 , 36, 375-84	4.2	17
100	Cancer Surgery Scheduling During and After the COVID-19 First Wave: The MD Anderson Cancer Center Experience. <i>Annals of Surgery</i> , 2020 , 272, e106-e111	7.8	17
99	Risk of second primary malignancies in head and neck cancer patients treated with definitive radiotherapy. <i>Npj Precision Oncology</i> , 2019 , 3, 22	9.8	16
98	Thyroid Gland Malignancies. <i>Hematology/Oncology Clinics of North America</i> , 2015 , 29, 1123-43	3.1	16
97	Grading Dysphagia as a Toxicity of Head and Neck Cancer: Differences in Severity Classification Based on MBS DIGEST and Clinical CTCAE Grades. <i>Dysphagia</i> , 2018 , 33, 185-191	3.7	16
96	Association between pharmaceutical support and basic science research on erythropoiesis-stimulating agents. <i>Archives of Internal Medicine</i> , 2010 , 170, 1490-8		16
95	Facilitating anaplastic thyroid cancer specialized treatment: A model for improving access to multidisciplinary care for patients with anaplastic thyroid cancer. <i>Head and Neck</i> , 2017 , 39, 1291-1295	4.2	15
94	Superimposed infection in mandibular osteoradionecrosis: diagnosis and outcomes. <i>Journal of Computer Assisted Tomography</i> , 2012 , 36, 725-31	2.2	15
93	Bilateral squamous cell carcinoma of the external auditory canals. <i>Laryngoscope</i> , 2002 , 112, 1003-5	3.6	14
92	Magnetic resonance imaging of swallowing-related structures in nasopharyngeal carcinoma patients receiving IMRT: Longitudinal dose-response characterization of quantitative signal kinetics. <i>Radiotherapy and Oncology</i> , 2016 , 118, 315-22	5.3	14
91	Cough strength and expiratory force in aspirating and nonaspirating postradiation head and neck cancer survivors. <i>Laryngoscope</i> , 2018 , 128, 1615-1621	3.6	14
90	Quantitative pretreatment CT volumetry: Association with oncologic outcomes in patients with T4a squamous carcinoma of the larynx. <i>Head and Neck</i> , 2017 , 39, 1609-1620	4.2	13
89	Management of the lateral neck compartment in patients with sporadic medullary thyroid cancer. <i>Head and Neck</i> , 2018 , 40, 79-85	4.2	13
88	Consensus on the Existence of Functional Erythropoietin Receptors on Cancer Cells. <i>JAMA Oncology</i> , 2016 , 2, 134-6	13.4	13

87	Treatment and survival of patients with insular thyroid carcinoma: 508 cases from the National Cancer Data Base. <i>Head and Neck</i> , 2016 , 38, 906-12	4.2	13
86	Prognostic value of pretherapy platelet elevation in oropharyngeal cancer patients treated with chemoradiation. <i>International Journal of Cancer</i> , 2016 , 138, 1290-7	7.5	13
85	Usefulness of surveillance imaging in patients with head and neck cancer who are treated with definitive radiotherapy. <i>Cancer</i> , 2019 , 125, 1823-1829	6.4	13
84	Symptom Burden Associated With Late Lower Cranial Neuropathy in Long-term Oropharyngeal Cancer Survivors. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018 , 144, 1066-1076	3.9	13
83	Acute Tumor Lactate Perturbations as a Biomarker of Genotoxic Stress: Development of a Biochemical Model. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 2901-8	6.1	12
82	Acquisition of Cisplatin Resistance Shifts Head and Neck Squamous Cell Carcinoma Metabolism toward Neutralization of Oxidative Stress. <i>Cancers</i> , 2020 , 12,	6.6	12
81	Persistent and Chronic Postoperative Opioid Use in a Cohort of Patients with Oral Tongue Squamous Cell Carcinoma. <i>Pain Medicine</i> , 2020 , 21, 1061-1067	2.8	12
80	Prospective study of the feasibility and dosimetric advantages of MRI-guided dose adaptation for human papillomavirus positive oropharyngeal cancer patients compared with standard IMRT. <i>Clinical and Translational Radiation Oncology</i> , 2018 , 11, 11-18	4.6	12
79	Outcomes of carotid-sparing IMRT for T1 glottic cancer: Comparison with conventional radiation. <i>Laryngoscope</i> , 2020 , 130, 146-153	3.6	11
78	Reassessments of ESAs for cancer treatment in the US and Europe. <i>Oncology</i> , 2010 , 24, 260-8	1.8	11
77	Head and neck cancer patient images for determining auto-segmentation accuracy in T2-weighted magnetic resonance imaging through expert manual segmentations. <i>Medical Physics</i> , 2020 , 47, 2317-2322	4.4	10
76	Contemporary Approach to Locally Advanced Oral Cavity Squamous Cell Carcinoma. <i>Current Oncology Reports</i> , 2019 , 21, 99	6.3	10
75	Fast, reproducible measurement of the vascular input function in mice using constrained reconstruction and cardiac sampling. <i>NMR in Biomedicine</i> , 2011 , 24, 373-84	4.4	10
74	Evolving Evidence in Support of Sentinel Lymph Node Biopsy for Early-Stage Oral Cavity Cancer. <i>Journal of Clinical Oncology</i> , 2020 , 38, 3983-3986	2.2	10
73	A prospective longitudinal assessment of MRI signal intensity kinetics of non-target muscles in patients with advanced stage oropharyngeal cancer in relationship to radiotherapy dose and post-treatment radiation-associated dysphagia: Preliminary findings from a randomized trial. <i>Radiotherapy and Oncology</i> , 2019 , 130, 46-55	5.3	10
72	Single-item discrimination of quality-of-life-altering dysphagia among 714 long-term oropharyngeal cancer survivors: Comparison of patient-reported outcome measures of swallowing. <i>Cancer</i> , 2019 , 125, 1654-1664	6.4	10
71	Predicting treatment Response based on Dual assessment of magnetic resonance Imaging kinetics and Circulating Tumor cells in patients with Head and Neck cancer (PREDICT-HN): matching liquid biopsy and quantitative tumor modeling. <i>BMC Cancer</i> , 2018 , 18, 903	4.8	10
70	Swallowing-related outcomes associated with late lower cranial neuropathy in long-term oropharyngeal cancer survivors: cross-sectional survey analysis. <i>Head and Neck</i> , 2019 , 41, 3880-3894	4.2	9

69	Prospective quantitative quality assurance and deformation estimation of MRI-CT image registration in simulation of head and neck radiotherapy patients. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 18, 120-127	4.6	9
68	Chemoradiotherapy for maxillary sinus adenoid cystic carcinoma using superselective intra-arterial infusion via a superficial temporal artery. <i>Head and Neck</i> , 2013 , 35, E89-93	4.2	9
67	A prospective in silico analysis of interdisciplinary and interobserver spatial variability in post-operative target delineation of high-risk oral cavity cancers: Does physician specialty matter?. <i>Clinical and Translational Radiation Oncology</i> , 2018 , 12, 40-46	4.6	8
66	Reconstruction of the marginal mandibulectomy defect: an update. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2007 , 28, 363-6	2.8	8
65	Tobacco exposure as a major modifier of oncologic outcomes in human papillomavirus (HPV) associated oropharyngeal squamous cell carcinoma. <i>BMC Cancer</i> , 2020 , 20, 912	4.8	8
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