

Stephen Y Lai

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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	Evaluation of deep learning-based multiparametric MRI oropharyngeal primary tumor auto-segmentation and investigation of input channel effects: Results from a prospective imaging registry. <i>Clinical and Translational Radiation Oncology</i> , 2022 , 32, 6-14	4.6	2
211	Genetic susceptibility to patient-reported xerostomia among long-term oropharyngeal cancer survivors.. <i>Scientific Reports</i> , 2022 , 12, 6662	4.9	1
210	Intensity standardization methods in magnetic resonance imaging of head and neck cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2021 , 20, 88-93	3.1	1
209	Development of a rational strategy for integration of lactate dehydrogenase A suppression into therapeutic algorithms for head and neck cancer. <i>British Journal of Cancer</i> , 2021 , 124, 1670-1679	8.7	3
208	The impact of induction and/or concurrent chemoradiotherapy on acute and late patient-reported symptoms in oropharyngeal cancer: Application of a mixed-model analysis of a prospective observational cohort registry. <i>Cancer</i> , 2021 , 127, 2453-2464	6.4	2
207	Comparison of selective excitation and multi-echo chemical shift encoding for imaging of hyperpolarized [1-C]pyruvate. <i>Journal of Magnetic Resonance</i> , 2021 , 325, 106927	3	1
206	Computed Tomography Radiomics Kinetics as Early Imaging Correlates of Osteoradionecrosis in Oropharyngeal Cancer Patients. <i>Frontiers in Artificial Intelligence</i> , 2021 , 4, 618469	3	5
205	Reply to N. Hirshoren et al and D. Chakrabarti et al. <i>Journal of Clinical Oncology</i> , 2021 , 39, 1600-1601	2.2	1
204	Risk and Clinical Risk Factors Associated With Late Lower Cranial Neuropathy in Long-term Oropharyngeal Squamous Cell Carcinoma Survivors. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021 , 147, 469-478	3.9	1
203	Novel Anaplastic Thyroid Cancer PDXs and Cell Lines: Expanding Preclinical Models of Genetic Diversity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4652-e4665	5.6	2
202	Dysphagia profiles after primary transoral robotic surgery or radiation for oropharyngeal cancer: A registry analysis. <i>Head and Neck</i> , 2021 , 43, 2883-2895	4.2	1
201	A High-throughput Approach to Identify Effective Systemic Agents for the Treatment of Anaplastic Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 2962-2978	5.6	0
200	Association of Risk Factors With Patient-Reported Voice and Speech Symptoms Among Long-term Survivors of Oropharyngeal Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021 , 147, 615-623	3.9	1
199	Hypomagnesemia and incidence of osteoradionecrosis in patients with head and neck cancers. <i>Head and Neck</i> , 2021 , 43, 613-621	4.2	1
198	Ultra-small superparamagnetic iron oxide (USPIO) magnetic resonance imaging in benign mixed tumor of the parotid gland. <i>Clinical Case Reports (discontinued)</i> , 2021 , 9, 123-127	0.7	0
197	Self-Reported Trismus: prevalence, severity and impact on quality of life in oropharyngeal cancer survivorship: a cross-sectional survey report from a comprehensive cancer center. <i>Supportive Care in Cancer</i> , 2021 , 29, 1825-1835	3.9	2
196	Manual Therapy for Fibrosis-Related Late Effect Dysphagia in head and neck cancer survivors: the pilot MANTLE trial. <i>BMJ Open</i> , 2021 , 11, e047830	3	1

195	Determinants of patient-reported xerostomia among long-term oropharyngeal cancer survivors. <i>Cancer</i> , 2021 , 127, 4470-4480	6.4	2
194	Advances in Imaging for HPV-Related Oropharyngeal Cancer: Applications to Radiation Oncology. <i>Seminars in Radiation Oncology</i> , 2021 , 31, 371-388	5.5	2
193	Normal Tissue Complication Probability (NTCP) Prediction Model for Osteoradionecrosis of the Mandible in Patients With Head and Neck Cancer After Radiation Therapy: Large-Scale Observational Cohort. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 111, 549-558	4	4
192	Delineating copy number and clonal substructure in human tumors from single-cell transcriptomes. <i>Nature Biotechnology</i> , 2021 , 39, 599-608	44.5	47
191	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
190	Dose-volume correlates of the prevalence of patient-reported trismus in long-term survivorship after oropharyngeal IMRT: A cross-sectional dosimetric analysis. <i>Radiotherapy and Oncology</i> , 2020 , 149, 142-149	5.3	3
189	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
188	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
187	Effect of Radiation on DCE-MRI Pharmacokinetic Parameters in a Rabbit Model of Compromised Maxillofacial Wound Healing: A Pilot Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020 , 78, 1034.e1-1034.e10	1.8	10
186	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
185	Data from a terminated study on iron oxide nanoparticle magnetic resonance imaging for head and neck tumors. <i>Scientific Data</i> , 2020 , 7, 63	8.2	4
184	Automatic registration of 2D MR cine images for swallowing motion estimation. <i>PLoS ONE</i> , 2020 , 15, e0228652	3.7	2
183	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
182	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
181	Development and application of an elastic net logistic regression model to investigate the impact of cardiac substructure dose on radiation-induced pericardial effusion in patients with NSCLC. <i>Acta Oncologica</i> , 2020 , 59, 1193-1200	3.2	1
180	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
179	Evaluation of Overall Survival in Patients With Anaplastic Thyroid Carcinoma, 2000-2019. <i>JAMA Oncology</i> , 2020 , 6, 1397-1404	13.4	58
178	Quantitative Dynamic Contrast-Enhanced MRI Identifies Radiation-Induced Vascular Damage in Patients With Advanced Osteoradionecrosis: Results of a Prospective Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 108, 1319-1328	4	5

177	Metabolic, Radiation, and Medication Induced Sialadenitis. <i>Current Otorhinolaryngology Reports</i> , 2020 , 8, 402-408	0.5	
176	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
175	Outcomes of carotid-sparing IMRT for T1 glottic cancer: Comparison with conventional radiation. <i>Laryngoscope</i> , 2020 , 130, 146-153	3.6	11
174	Disruption of TP63-miR-27a* Feedback Loop by Mutant TP53 in Head and Neck Cancer. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 266-277	9.7	3
173	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
172	Neurologic sequelae following radiation with and without chemotherapy for oropharyngeal cancer: Patient reported outcomes study. <i>Head and Neck</i> , 2020 , 42, 2137-2144	4.2	1
171	Endocrine surgery in the Coronavirus disease 2019 pandemic: Surgical Triage Guidelines. <i>Head and Neck</i> , 2020 , 42, 1325-1328	4.2	18
170	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
169	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
168	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
167	ASCO Neck Dissection Guidelines Response Letter. <i>Journal of Oncology Practice</i> , 2019 , 15, 560-561	3.1	1
166	Incidental detection of oropharyngeal cancer with fluciclovine PET. <i>Head and Neck</i> , 2019 , 41, E141-E145	4.2	2
165	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
164	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
163	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
162	Complete Surgical Resection Following Neoadjuvant Dabrafenib Plus Trametinib in -Mutated Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2019 , 29, 1036-1043	6.2	87
161	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
160	Contemporary Approach to Locally Advanced Oral Cavity Squamous Cell Carcinoma. <i>Current Oncology Reports</i> , 2019 , 21, 99	6.3	10

159	Role and Efficacy of Sentinel Lymph Node Biopsy in Oral Cavity Squamous Cell Carcinoma. <i>Difficult Decisions in Surgery: an Evidence-based Approach</i> , 2019 , 51-64	0	
158	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
157	Development and Characterization of a Rabbit Model of Compromised Maxillofacial Wound Healing. <i>Tissue Engineering - Part C: Methods</i> , 2019 , 25, 160-167	2.9	5
156	Sebaceous carcinoma: evidence-based clinical practice guidelines. <i>Lancet Oncology, The</i> , 2019 , 20, e699-e714	7.4	37
155	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
154	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>Oral Oncology</i> , 2019 , 25, 11-17	5.3	10
153	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
152	Influence of parameter accuracy on pharmacokinetic analysis of hyperpolarized pyruvate. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 3239-3248	4.4	19
151	Three-dimensional imaging assessment of anatomic invasion and volumetric considerations for chemo/radiotherapy-based laryngeal preservation in T3 larynx cancer. <i>Oral Oncology</i> , 2018 , 79, 1-8	4.4	2
150	Cisplatin generates oxidative stress which is accompanied by rapid shifts in central carbon metabolism. <i>Scientific Reports</i> , 2018 , 8, 4306	4.9	43
149	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
148	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
147	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
146	Self-reported oral morbidities in long-term oropharyngeal cancer survivors: A cross-sectional survey of 906 survivors. <i>Oral Oncology</i> , 2018 , 84, 88-94	4.4	5
145	Incompletely treated malignancies of the major salivary gland: Toward evidence-based care. <i>Head and Neck</i> , 2018 , 40, 1630-1638	4.2	5
144	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
143	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
142	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

141 Xerostomia **2018**, 175-183

140 Association of Lymph Node Density With Survival of Patients With Papillary Thyroid Cancer. *JAMA Otolaryngology - Head and Neck Surgery*, **2018**, 144, 108-114 3.9 26

139 Cough strength and expiratory force in aspirating and nonaspirating postradiation head and neck cancer survivors. *Laryngoscope*, **2018**, 128, 1615-1621 3.6 14

138 Neoadjuvant immune checkpoint blockade in high-risk resectable melanoma. *Nature Medicine*, **2018**, 24, 1649-1654 50.5 377

137 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. *BMC Cancer*, **2018**, 18, 903 4.8 10

136 Symptom Burden Associated With Late Lower Cranial Neuropathy in Long-term Oropharyngeal Cancer Survivors. *JAMA Otolaryngology - Head and Neck Surgery*, **2018**, 144, 1066-1076 3.9 13

135 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. *Clinical and Translational Radiation Oncology*, **2018**, 13, 19-23 4.6 20

134 Age-adjusted comorbidity and survival in locally advanced laryngeal cancer. *Head and Neck*, **2018**, 40, 2060-2069 4.2 7

133 Prospective study of the feasibility and dosimetric advantages of MRI-guided dose adaptation for human papillomavirus positive oropharyngeal cancer patients compared with standard IMRT. *Clinical and Translational Radiation Oncology*, **2018**, 11, 11-18 4.6 12

132 Radiotherapy dose-volume parameters predict videofluoroscopy-detected dysphagia per DIGEST after IMRT for oropharyngeal cancer: Results of a prospective registry. *Radiotherapy and Oncology*, **2018**, 128, 442-451 5.3 19

131 Effect of Tumor Size and Minimal Extrathyroidal Extension in Patients with Differentiated Thyroid Cancer. *Thyroid*, **2018**, 28, 982-990 6.2 40

130 Long-Term, Prospective Performance of the MD Anderson Dysphagia Inventory in "Low-Intermediate Risk" Oropharyngeal Carcinoma After Intensity Modulated Radiation Therapy. *International Journal of Radiation Oncology Biology Physics*, **2017**, 97, 700-708 4 33

129 Patterns of Treatment Failure in Anaplastic Thyroid Carcinoma. *Thyroid*, **2017**, 27, 672-681 6.2 78

128 Symptom burden and dysphagia associated with osteoradionecrosis in long-term oropharynx cancer survivors: A cohort analysis. *Oral Oncology*, **2017**, 66, 75-80 4.4 19

127 Neoplasms of the Thyroid **2017**, 1-9

126 Facilitating anaplastic thyroid cancer specialized treatment: A model for improving access to multidisciplinary care for patients with anaplastic thyroid cancer. *Head and Neck*, **2017**, 39, 1291-1295 4.2 15

125 Quantitative pretreatment CT volumetry: Association with oncologic outcomes in patients with T4a squamous carcinoma of the larynx. *Head and Neck*, **2017**, 39, 1609-1620 4.2 13

124 Delayed lower cranial neuropathy after oropharyngeal intensity-modulated radiotherapy: A cohort analysis and literature review. *Head and Neck*, **2017**, 39, 1516-1523 4.2 20

123	Intensity-modulated proton therapy and osteoradionecrosis in oropharyngeal cancer. <i>Radiotherapy and Oncology</i> , 2017 , 123, 401-405	5.3	43
122	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
121	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
120	Patterns of locoregional failure following post-operative intensity-modulated radiotherapy to oral cavity cancer: quantitative spatial and dosimetric analysis using a deformable image registration workflow. <i>Radiation Oncology</i> , 2017 , 12, 129	4.2	4
119	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
118	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
117	Cognitive function and patient-reported memory problems after radiotherapy for cancers at the skull base: A cross-sectional survivorship study using the Telephone Interview for Cognitive Status and the MD Anderson Symptom Inventory-Head and Neck Module. <i>Head and Neck</i> , 2017 , 39, 2048-2056	4.2	4
116	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
115	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
114	Dynamic Imaging Grade of Swallowing Toxicity (DIGEST): Scale development and validation. <i>Cancer</i> , 2017 , 123, 62-70	6.4	94
113	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
112	Feeding Tube Utilization in Patients with Salivary Gland Malignancies. <i>Otolaryngology - Head and Neck Surgery</i> , 2017 , 156, 109-117	5.5	
111	Long-term patient reported outcomes following radiation therapy for oropharyngeal cancer: cross-sectional assessment of a prospective symptom survey in patients 65 years old. <i>Radiation Oncology</i> , 2017 , 12, 150	4.2	18
110	Metabolic interrogation as a tool to optimize chemotherapeutic regimens. <i>Oncotarget</i> , 2017 , 8, 18154-18165	3.5	6
109	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
108	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
107	A novel perfused Bloch-McConnell simulator for analyzing the accuracy of dynamic hyperpolarized MRS. <i>Medical Physics</i> , 2016 , 43, 854-64	4.4	6
106	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

105	Allele-Specific Reprogramming of Cancer Metabolism by the Long Non-coding RNA CCAT2. <i>Molecular Cell</i> , 2016 , 61, 520-534	17.6	101
104	Consensus on the Existence of Functional Erythropoietin Receptors on Cancer Cells. <i>JAMA Oncology</i> , 2016 , 2, 134-6	13.4	13
103	Small-molecule inhibition of STAT3 in radioresistant head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2016 , 7, 26307-30	3.3	50
102	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
101	Improving patient outcomes through multidisciplinary treatment planning conference. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E1820-5	4.2	22
100	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
99	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
98	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
97	Osteoradionecrosis in patients with salivary gland malignancies. <i>Oral Oncology</i> , 2016 , 57, 1-5	4.4	7
96	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
95	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
94	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
93	[(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
92	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
91	Single agent nanoparticle for radiotherapy and radio-photothermal therapy in anaplastic thyroid cancer. <i>Biomaterials</i> , 2015 , 57, 41-9	15.6	91
90	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
89	High-throughput hyperpolarized (13)C metabolic investigations using a multi-channel acquisition system. <i>Journal of Magnetic Resonance</i> , 2015 , 260, 20-7	3	7
88	Metabolic Imaging as a Biomarker of Early Radiation Response in Tumors. <i>Clinical Cancer Research</i> , 2015 , 21, 4996-8	12.9	6

87	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
86	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
85	Thyroid Gland Malignancies. <i>Hematology/Oncology Clinics of North America</i> , 2015 , 29, 1123-43	3.1	16
84	Feasibility of multianimal hyperpolarized (13) C MRS. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 1726-32	4.4	4
83	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
82	Sialendoscopy for Patients with Radioiodine-Induced Sialadenitis and Xerostomia. <i>Thyroid</i> , 2015 , 25, 834-8	6.2	44
81	Mitochondrial Metabolism as a Treatment Target in Anaplastic Thyroid Cancer. <i>Seminars in Oncology</i> , 2015 , 42, 915-22	5.5	24
80	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
79	Lymphedema outcomes in patients with head and neck cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2015 , 152, 284-291	5.5	60
78	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
77	Regulation of receptor tyrosine kinases by miRNA: overexpression of miRNA using lentiviral inducible expression vectors. <i>Methods in Molecular Biology</i> , 2015 , 1233, 135-47	1.4	3
76	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
75	Sentinel lymph node biopsy for oral cancer: supporting evidence and recent novel developments. <i>Current Oncology Reports</i> , 2014 , 16, 385	6.3	5
74	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
73	Evaluation of hyperpolarized [1-13C]-pyruvate by magnetic resonance to detect ionizing radiation effects in real time. <i>PLoS ONE</i> , 2014 , 9, e87031	3.7	29
72	Sorafenib in metastatic thyroid cancer: a systematic review. <i>Oncologist</i> , 2014 , 19, 251-8	5.7	79
71	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
70	Mutational landscape of aggressive cutaneous squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2014 , 20, 6582-92	12.9	362

69	Src inhibitors in suppression of papillary thyroid carcinoma growth. <i>Head and Neck</i> , 2014 , 36, 375-84	4.2	17
68	In reply. <i>Oncologist</i> , 2014 , 19, e4	5.7	
67	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
66	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
65	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
64	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
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3	Discovering early imaging biomarkers of osteoradionecrosis in oropharyngeal cancer by characterization of temporal changes in computed tomography mandibular radiomic features		1
2	MRI Intensity Standardization Evaluation Design for Head and Neck Quantitative Imaging Applications		1
1	Development of a High-Performance Multiparametric MRI Oropharyngeal Primary Tumor Auto-Segmentation Deep Learning Model and Investigation of Input Channel Effects: Results from a Prospective Imaging Registry		1