

# Stephen Y Lai

## List of Publications by Year in descending order

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Version: 2024-02-01

213  
papers

10,263  
citations

31949

53  
h-index

45285

90  
g-index

236  
all docs

236  
docs citations

236  
times ranked

14407  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.9	28
2	Risk factors associated with patient-reported fatigue among long-term oropharyngeal carcinoma survivors. <i>Head and Neck</i> , 2022, 44, 952-963.	0.9	2
3	Outcomes after definitive surgery for mandibular osteoradionecrosis. <i>Head and Neck</i> , 2022, 44, 1313-1323.	0.9	3
4	Genetic susceptibility to patient-reported xerostomia among long-term oropharyngeal cancer survivors. <i>Scientific Reports</i> , 2022, 12, 6662.	1.6	2
5	Unilateral Radiotherapy for Tonsillar Cancer: Treatment Outcomes in the Era of Human Papilloma Virus (HPV), Positron-emission Tomography (PET) and Intensity-modulated Radiation Therapy (IMRT). <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, , .	0.4	6
6	Three-Dimensional Evaluation of Isodose Radiation Volumes in Cases of Severe Mandibular Osteoradionecrosis for the Prediction of Recurrence after Segmental Resection. <i>Journal of Personalized Medicine</i> , 2022, 12, 834.	1.1	0
7	Hypomagnesemia and incidence of osteoradionecrosis in patients with head and neck cancers. <i>Head and Neck</i> , 2021, 43, 613-621.	0.9	2
8	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.	0.2	3
9	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.	1.0	17
10	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.	2.9	7
11	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.	2.0	7
12	Comparison of selective excitation and multi-echo chemical shift encoding for imaging of hyperpolarized [1-13C]pyruvate. <i>Journal of Magnetic Resonance</i> , 2021, 325, 106927.	1.2	4
13	Computed Tomography Radiomics Kinetics as Early Imaging Correlates of Osteoradionecrosis in Oropharyngeal Cancer Patients. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 618469.	2.0	8
14	Reply to N. Hirshoren et al and D. Chakrabarti et al. <i>Journal of Clinical Oncology</i> , 2021, 39, 1600-1601.	0.8	1
15	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.	1.2	9
16	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.	1.8	8
17	Dysphagia profiles after primary transoral robotic surgery or radiation for oropharyngeal cancer: A registry analysis. <i>Head and Neck</i> , 2021, 43, 2883-2895.	0.9	6
18	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.	1.8	10

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19	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.	1.2	5
20	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.	0.8	6
21	Determinants of patient-reported xerostomia among long-term oropharyngeal cancer survivors. <i>Cancer</i> , 2021, 127, 4470-4480.	2.0	14
22	Advances in Imaging for HPV-Related Oropharyngeal Cancer: Applications to Radiation Oncology. <i>Seminars in Radiation Oncology</i> , 2021, 31, 371-388.	1.0	16
23	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.	0.4	19
24	Delineating copy number and clonal substructure in human tumors from single-cell transcriptomes. <i>Nature Biotechnology</i> , 2021, 39, 599-608.	9.4	306
25	Intensity standardization methods in magnetic resonance imaging of head and neck cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 20, 88-93.	1.2	16
26	Outcomes of carotid-sparing IMRT for T1 glottic cancer: Comparison with conventional radiation. <i>Laryngoscope</i> , 2020, 130, 146-153.	1.1	25
27	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.	3.0	5
28	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.	0.9	17
29	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.	0.8	15
30	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.	0.8	6
31	Cancer Surgery Scheduling During and After the COVID-19 First Wave. <i>Annals of Surgery</i> , 2020, 272, e106-e111.	2.1	26
32	Evaluation of Overall Survival in Patients With Anaplastic Thyroid Carcinoma, 2000-2019. <i>JAMA Oncology</i> , 2020, 6, 1397.	3.4	183
33	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.	0.4	13
34	Metabolic, Radiation, and Medication Induced Sialadenitis. <i>Current Otorhinolaryngology Reports</i> , 2020, 8, 402-408.	0.2	0
35	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.	1.1	31
36	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.	1.6	29

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37	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.	0.3	11
38	Changing practice patterns in head and neck oncologic surgery in the early COVID-19 era. <i>Head and Neck</i> , 2020, 42, 1179-1186.	0.9	34
39	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> , The, 2020, 21, e350-e359.	5.1	96
40	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.	0.5	3
41	Acquisition of Cisplatin Resistance Shifts Head and Neck Squamous Cell Carcinoma Metabolism toward Neutralization of Oxidative Stress. <i>Cancers</i> , 2020, 12, 1670.	1.7	33
42	Data from a terminated study on iron oxide nanoparticle magnetic resonance imaging for head and neck tumors. <i>Scientific Data</i> , 2020, 7, 63.	2.4	6
43	Automatic registration of 2D MR cine images for swallowing motion estimation. <i>PLoS ONE</i> , 2020, 15, e0228652.	1.1	4
44	Head and neck surgical oncology in the time of a pandemic: Site-specific triage guidelines during the COVID-19 pandemic. <i>Head and Neck</i> , 2020, 42, 1194-1201.	0.9	38
45	Neurologic sequelae following radiation with and without chemotherapy for oropharyngeal cancer: Patient reported outcomes study. <i>Head and Neck</i> , 2020, 42, 2137-2144.	0.9	3
46	Endocrine surgery in the Coronavirus disease 2019 pandemic: Surgical Triage Guidelines. <i>Head and Neck</i> , 2020, 42, 1325-1328.	0.9	29
47	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.	0.9	24
48	Complete Surgical Resection Following Neoadjuvant Dabrafenib Plus Trametinib in BRAF <sup>V600E</sup> -Mutated Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2019, 29, 1036-1043.	2.4	156
49	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.	0.9	24
50	Contemporary Approach to Locally Advanced Oral Cavity Squamous Cell Carcinoma. <i>Current Oncology Reports</i> , 2019, 21, 99.	1.8	18
51	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.	0.9	14
52	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.	1.2	51
53	Risk of second primary malignancies in head and neck cancer patients treated with definitive radiotherapy. <i>Npj Precision Oncology</i> , 2019, 3, 22.	2.3	31
54	ASCO Neck Dissection Guidelines Response Letter. <i>Journal of Oncology Practice</i> , 2019, 15, 560-561.	2.5	1

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55	Incidental detection of oropharyngeal cancer with fluciclovine PET. <i>Head and Neck</i> , 2019, 41, E141-E145.	0.9	3
56	Surgical consensus guidelines on sentinel node biopsy (SNB) in patients with oral cancer. <i>Head and Neck</i> , 2019, 41, 2655-2664.	0.9	77
57	Comprehensive Genetic Characterization of Human Thyroid Cancer Cell Lines: A Validated Panel for Preclinical Studies. <i>Clinical Cancer Research</i> , 2019, 25, 3141-3151.	3.2	115
58	Usefulness of surveillance imaging in patients with head and neck cancer who are treated with definitive radiotherapy. <i>Cancer</i> , 2019, 125, 1823-1829.	2.0	28
59	Development and Characterization of a Rabbit Model of Compromised Maxillofacial Wound Healing. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 160-167.	1.1	8
60	Sebaceous carcinoma: evidence-based clinical practice guidelines. <i>Lancet Oncology</i> , The, 2019, 20, e699-e714.	5.1	116
61	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.	1.0	43
62	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.	0.3	14
63	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.	2.0	21
64	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.	0.0	0
65	Influence of parameter accuracy on pharmacokinetic analysis of hyperpolarized pyruvate. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 3239-3248.	1.9	23
66	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.	0.8	6
67	Cisplatin generates oxidative stress which is accompanied by rapid shifts in central carbon metabolism. <i>Scientific Reports</i> , 2018, 8, 4306.	1.6	77
68	Management of the lateral neck compartment in patients with sporadic medullary thyroid cancer. <i>Head and Neck</i> , 2018, 40, 79-85.	0.9	25
69	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.	1.0	23
70	Expiratory muscle strength training for radiation-associated aspiration after head and neck cancer: A case series. <i>Laryngoscope</i> , 2018, 128, 1044-1051.	1.1	50
71	Association of Lymph Node Density With Survival of Patients With Papillary Thyroid Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018, 144, 108.	1.2	49
72	Cough strength and expiratory force in aspirating and nonaspirating postradiation head and neck cancer survivors. <i>Laryngoscope</i> , 2018, 128, 1615-1621.	1.1	18

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73	Neoadjuvant immune checkpoint blockade in high-risk resectable melanoma. <i>Nature Medicine</i> , 2018, 24, 1649-1654.	15.2	592
74	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.	1.1	14
75	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.	1.2	23
76	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.	0.9	41
77	Age-adjusted comorbidity and survival in locally advanced laryngeal cancer. <i>Head and Neck</i> , 2018, 40, 2060-2069.	0.9	20
78	Prospective in silico 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.	0.9	27
79	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.	0.3	28
80	Effect of Tumor Size and Minimal Extrathyroidal Extension in Patients with Differentiated Thyroid Cancer. <i>Thyroid</i> , 2018, 28, 982-990.	2.4	62
81	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.	0.8	9
82	Incompletely treated malignancies of the major salivary gland: Toward evidence-based care. <i>Head and Neck</i> , 2018, 40, 1630-1638.	0.9	8
83	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.	1.0	26
84	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.	0.9	16
85	Machine Learning Applications in Head and Neck Radiation Oncology: Lessons From Open-Source Radiomics Challenges. <i>Frontiers in Oncology</i> , 2018, 8, 294.	1.3	37
86	Xerostomia. , 2018, , 175-183.		0
87	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.	0.4	46
88	Patterns of Treatment Failure in Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2017, 27, 672-681.	2.4	111
89	Symptom burden and dysphagia associated with osteoradionecrosis in long-term oropharynx cancer survivors: A cohort analysis. <i>Oral Oncology</i> , 2017, 66, 75-80.	0.8	26
90	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.	0.9	22

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91	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.	0.9	18
92	Delayed lower cranial neuropathy after oropharyngeal intensity-modulated radiotherapy: A cohort analysis and literature review. <i>Head and Neck</i> , 2017, 39, 1516-1523.	0.9	32
93	Intensity-modulated proton therapy and osteoradionecrosis in oropharyngeal cancer. <i>Radiotherapy and Oncology</i> , 2017, 123, 401-405.	0.3	73
94	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.	1.1	37
95	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.	2.0	55
96	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.	0.3	69
97	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.	0.3	32
98	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.	0.9	5
99	Adjuvant External Beam Radiotherapy in Locally Advanced Differentiated Thyroid Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 1244.	1.2	39
100	Real-Time Genomic Characterization Utilizing Circulating Cell-Free DNA in Patients with Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2017, 27, 81-87.	2.4	69
101	Dynamic Imaging Grade of Swallowing Toxicity (DIGEST): Scale development and validation. <i>Cancer</i> , 2017, 123, 62-70.	2.0	149
102	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.	2.0	24
103	Feeding Tube Utilization in Patients with Salivary Gland Malignancies. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 156, 109-117.	1.1	1
104	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.	1.2	25
105	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.	1.2	8
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.	0.8	28
107	Metabolic interrogation as a tool to optimize chemotherapeutic regimens. <i>Oncotarget</i> , 2017, 8, 18154-18165.	0.8	8
108	Small-molecule inhibition of STAT3 in radioresistant head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 26307-26330.	0.8	75

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109	Salvage total laryngectomy after externalâ€beam radiotherapy: A 20â€year experience. Head and Neck, 2016, 38, E1962-8.	0.9	50
110	Improving patient outcomes through multidisciplinary treatment planning conference. Head and Neck, 2016, 38, E1820-5.	0.9	25
111	Treatment and survival of patients with insular thyroid carcinoma: 508 cases from the National Cancer Data Base. Head and Neck, 2016, 38, 906-912.	0.9	14
112	Prognostic value of pretherapy platelet elevation in oropharyngeal cancer patients treated with chemoradiation. International Journal of Cancer, 2016, 138, 1290-1297.	2.3	17
113	Magnetic Resonance Imaging of Glucose Uptake and Metabolism in Patients with Head and Neck Cancer. Scientific Reports, 2016, 6, 30618.	1.6	62
114	Osteoradionecrosis in patients with salivary gland malignancies. Oral Oncology, 2016, 57, 1-5.	0.8	9
115	Magnetic resonance imaging of swallowing-related structures in nasopharyngeal carcinoma patients receiving IMRT: Longitudinal doseâ€response characterization of quantitative signal kinetics. Radiotherapy and Oncology, 2016, 118, 315-322.	0.3	21
116	The role of elective nodal irradiation for esthesioneuroblastoma patients with clinically negative neck. Practical Radiation Oncology, 2016, 6, 241-247.	1.1	41
117	Beyond mean pharyngeal constrictor dose for beam path toxicity in non-target swallowing muscles: Doseâ€volume correlates of chronic radiation-associated dysphagia (RAD) after oropharyngeal intensity modulated radiotherapy. Radiotherapy and Oncology, 2016, 118, 304-314.	0.3	85
118	Longâ€term outcomes after multidisciplinary management of T3 laryngeal squamous cell carcinomas: Improved functional outcomes and survival with modern therapeutic approaches. Head and Neck, 2016, 38, 1739-1751.	0.9	33
119	A novel perfused Blochâ€McConnell simulator for analyzing the accuracy of dynamic hyperpolarized MRS. Medical Physics, 2016, 43, 854-864.	1.6	8
120	Development and Feasibility of a Specialty-Specific National Surgical Quality Improvement Program (NSQIP). JAMA Otolaryngology - Head and Neck Surgery, 2016, 142, 321.	1.2	41
121	Allele-Specific Reprogramming of Cancer Metabolism by the Long Non-coding RNA CCAT2. Molecular Cell, 2016, 61, 520-534.	4.5	142
122	Consensus on the Existence of Functional Erythropoietin Receptors on Cancer Cells. JAMA Oncology, 2016, 2, 134.	3.4	15
123	Intravoxel incoherent motion imaging kinetics during chemoradiotherapy for human papillomavirus-associated squamous cell carcinoma of the oropharynx: preliminary results from a prospective pilot study. NMR in Biomedicine, 2015, 28, 1645-1654.	1.6	51
124	Sialendoscopy for Patients with Radioiodine-Induced Sialadenitis and Xerostomia. Thyroid, 2015, 25, 834-838.	2.4	53
125	Mitochondrial Metabolism as a Treatment Target in Anaplastic Thyroid Cancer. Seminars in Oncology, 2015, 42, 915-922.	0.8	33
126	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?. Practical Radiation Oncology, 2015, 5, e299-e308.	1.1	31



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127	Lymphedema Outcomes in Patients with Head and Neck Cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 284-291.	1.1	91
128	Development and Characterization of Six New Human Papillary Thyroid Carcinoma Cell Lines. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E243-E252.	1.8	27
129	[ <sup>99m</sup> 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, 3708-3715.	0.7	109
130	An audit and feedback system for effective quality improvement in head and neck surgery: Can we become better surgeons?. <i>Cancer</i> , 2015, 121, 1581-1587.	2.0	24
131	Single agent nanoparticle for radiotherapy and radio-photothermal therapy in anaplastic thyroid cancer. <i>Biomaterials</i> , 2015, 57, 41-49.	5.7	115
132	Acute Tumor Lactate Perturbations as a Biomarker of Genotoxic Stress: Development of a Biochemical Model. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2901-2908.	1.9	17
133	High-throughput hyperpolarized <sup>13</sup> C metabolic investigations using a multi-channel acquisition system. <i>Journal of Magnetic Resonance</i> , 2015, 260, 20-27.	1.2	11
134	Metabolic Imaging as a Biomarker of Early Radiation Response in Tumors. <i>Clinical Cancer Research</i> , 2015, 21, 4996-4998.	3.2	10
135	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-E1559.	1.8	58
136	Kinetic Modeling and Constrained Reconstruction of Hyperpolarized [1- <sup>13</sup> C]-Pyruvate Offers Improved Metabolic Imaging of Tumors. <i>Cancer Research</i> , 2015, 75, 4708-4717.	0.4	69
137	Thyroid Gland Malignancies. <i>Hematology/Oncology Clinics of North America</i> , 2015, 29, 1123-1143.	0.9	18
138	Feasibility of multianimal hyperpolarized <sup>13</sup> C MRS. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1726-1732.	1.9	5
139	Regulation of Receptor Tyrosine Kinases by miRNA: Overexpression of miRNA Using Lentiviral Inducible Expression Vectors. <i>Methods in Molecular Biology</i> , 2015, 1233, 135-147.	0.4	3
140	Evaluation of Hyperpolarized [1- <sup>13</sup> C]-Pyruvate by Magnetic Resonance to Detect Ionizing Radiation Effects in Real Time. <i>PLoS ONE</i> , 2014, 9, e87031.	1.1	36
141	Sorafenib in Metastatic Thyroid Cancer: A Systematic Review. <i>Oncologist</i> , 2014, 19, 251-258.	1.9	95
142	Radial spectroscopic MRI of hyperpolarized [1- <sup>13</sup> C] pyruvate at 7 tesla. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 986-995.	1.9	28
143	Mutational Landscape of Aggressive Cutaneous Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2014, 20, 6582-6592.	3.2	493
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