

Alexander Lin

List of Publications by Year in descending order

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69
papers

2,350
citations

218677

26
h-index

223800

46
g-index

69
all docs

69
docs citations

69
times ranked

3140
citing authors

#	ARTICLE	IF	CITATIONS
1	Recurrences near base of skull after IMRT for head-and-neck cancer: implications for target delineation in high neck and for parotid gland sparing. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 28-42.	0.8	297
2	Design, Implementation, and inÂVivo Validation of a Novel Proton FLASH Radiation Therapy System. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 440-448.	0.8	274
3	Total Laryngectomy Versus Larynx Preservation for T4a Larynx Cancer: Patterns of Care and Survival Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 594-601.	0.8	136
4	Prompt Gamma Imaging for InÂVivo Range Verification of Pencil Beam Scanning Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 210-218.	0.8	127
5	A Phase 2 Trial of Alternative Volumes of Oropharyngeal Irradiation for De-intensification (AVOID): Omission of the Resected Primary Tumor Bed After Transoral Robotic Surgery for Human Papilloma Virusâ€Related Squamous Cell Carcinoma of the Oropharynx. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 725-732.	0.8	103
6	Immunotherapy Targeting HPV16/18 Generates Potent Immune Responses in HPV-Associated Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 110-124.	7.0	102
7	Proton Therapy for Head and Neck Cancers. <i>Seminars in Radiation Oncology</i> , 2018, 28, 53-63.	2.2	89
8	Association of Antibiotic Exposure With Survival and Toxicity in Patients With Melanoma Receiving Immunotherapy. <i>Journal of the National Cancer Institute</i> , 2021, 113, 162-170.	6.3	81
9	Clinical decision support of radiotherapy treatment planning: A data-driven machine learning strategy for patient-specific dosimetric decision making. <i>Radiotherapy and Oncology</i> , 2017, 125, 392-397.	0.6	78
10	Adjuvant radiotherapy for early head and neck squamous cell carcinoma with perineural invasion: A systematic review. <i>Head and Neck</i> , 2016, 38, E2350-7.	2.0	66
11	HPVâ€related oropharyngeal cancer: Risk factors for treatment failure in patients managed with primary transoral robotic surgery. <i>Head and Neck</i> , 2016, 38, 59-65.	2.0	56
12	Palliative Radiation Therapy for Head and Neck Cancers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 254-266.	0.8	52
13	Molecular Pathways: A Novel Approach to Targeting Hypoxia and Improving Radiotherapy Efficacy via Reduction in Oxygen Demand. <i>Clinical Cancer Research</i> , 2015, 21, 1995-2000.	7.0	43
14	Theoretical Benefits of Dynamic Collimation inÂPencil Beam Scanning Proton Therapy forÂBrain Tumors: Dosimetric and Radiobiological Metrics. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 171-180.	0.8	42
15	Late Consequential Surgical Bed Soft Tissue Necrosis in Advanced Oropharyngeal Squamous Cell Carcinomas Treated With Transoral Robotic Surgery and Postoperative Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 981-988.	0.8	40
16	Identifying predictors of <sc>HPV</sc>â€related head and neck squamous cell carcinoma progression and survival through patientâ€derived models. <i>International Journal of Cancer</i> , 2020, 147, 3236-3249.	5.1	40
17	Current delivery limitations of proton PBS for FLASH. <i>Radiotherapy and Oncology</i> , 2021, 155, 212-218.	0.6	35
18	A Model-Based Approach to Predict Short-Term Toxicity Benefits With Proton Therapy for Oropharyngeal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 553-562.	0.8	34

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19	Guideline Familiarity Predicts Variation in Self-Reported Use of Routine Surveillance PET/CT by Physicians Who Treat Head and Neck Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2015, 13, 69-77.	4.9	33
20	Risk of lymph node metastasis and recommendations for elective nodal treatment in squamous cell carcinoma of the nasal cavity and maxillary sinus: a SEER analysis. <i>Acta Oncologica</i> , 2016, 55, 1107-1114.	1.8	33
21	Hypoxia Imaging Markers and Applications for Radiation Treatment Planning. <i>Seminars in Nuclear Medicine</i> , 2012, 42, 343-352.	4.6	32
22	Validation and application of a fast Monte Carlo algorithm for assessing the clinical impact of approximations in analytical dose calculations for pencil beam scanning proton therapy. <i>Medical Physics</i> , 2018, 45, 5631-5642.	3.0	32
23	Relapse Rates With Surgery Alone in Human Papillomavirus-Related Intermediate- and High-Risk Group Oropharynx Squamous Cell Cancer: A Multi-Institutional Review. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 938-946.	0.8	30
24	Lesion oxygenation associates with clinical outcomes in premalignant and early stage head and neck tumors treated on a phase 1 trial of photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 28-35.	2.6	30
25	Quality of Life of Postoperative Photon versus Proton Radiation Therapy for Oropharynx Cancer. <i>International Journal of Particle Therapy</i> , 2018, 5, 11-17.	1.8	29
26	Toxicities and early outcomes in a phase 1 trial of photodynamic therapy for premalignant and early stage head and neck tumors. <i>Oral Oncology</i> , 2016, 55, 37-42.	1.5	27
27	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.	2.2	26
28	Toward improved target conformity for two spot scanning proton therapy delivery systems using dynamic collimation. <i>Medical Physics</i> , 2016, 43, 1421-1427.	3.0	25
29	Nodal metastasis and elective nodal level treatment in sinonasal small-cell and sinonasal undifferentiated carcinoma: a surveillance, epidemiology and end results analysis. <i>British Journal of Radiology</i> , 2016, 89, 20150488.	2.2	23
30	Superiority in Robustness of Multifield Optimization Over Single-Field Optimization for Pencil-Beam Proton Therapy for Oropharynx Carcinoma: An Enhanced Robustness Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 738-749.	0.8	23
31	Radiation Therapy for Oral Cavity and Oropharyngeal Cancers. <i>Dental Clinics of North America</i> , 2018, 62, 99-109.	1.8	23
32	A Pilot Study of Hypofractionated Stereotactic Radiation Therapy and Sunitinib in Previously Irradiated Patients With Recurrent High-Grade Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 369-375.	0.8	22
33	Oncologic and survival outcomes for resectable locally-advanced HPV-related oropharyngeal cancer treated with transoral robotic surgery. <i>Oral Oncology</i> , 2021, 118, 105307.	1.5	21
34	Improving Head and Neck Cancer Treatments Using Dynamic Collimation in Spot Scanning Proton Therapy. <i>International Journal of Particle Therapy</i> , 2016, 2, 544-554.	1.8	20
35	Impact of Multi-leaf Collimator Parameters on Head and Neck Plan Quality and Delivery: A Comparison between Halcyon [®] and Truebeam [®] Treatment Delivery Systems. <i>Cureus</i> , 2018, 10, e3648.	0.5	20
36	Increased rate of recurrence and high rate of salvage in patients with human papillomavirus-associated oropharyngeal squamous cell carcinoma with adverse features treated with primary surgery without recommended adjuvant therapy. <i>Head and Neck</i> , 2021, 43, 1128-1141.	2.0	17

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37	F-FDG-PET/CT in the quantification of photon radiation therapy-induced vasculitis. American Journal of Nuclear Medicine and Molecular Imaging, 2020, 10, 66-73.	1.0	14
38	Locoregional Recurrence in $p16^{\text{Positive}}$ Oropharyngeal Squamous Cell Carcinoma After TORS . Laryngoscope, 2021, 131, E2865-E2873.	2.0	13
39	Tooth Failure Post-Radiotherapy in Head and Neck Cancer: Primary Report of the Clinical Registry of Dental Outcomes in Head and Neck Cancer Patients (OraRad) Study. International Journal of Radiation Oncology Biology Physics, 2022, 113, 320-330.	0.8	13
40	Inter-fraction robustness of intensity-modulated proton therapy in the post-operative treatment of oropharyngeal and oral cavity squamous cell carcinomas. British Journal of Radiology, 2020, 93, 20190638.	2.2	12
41	Work Outcomes after Intensity-Modulated Proton Therapy (IMPT) versus Intensity-Modulated Photon Therapy (IMRT) for Oropharyngeal Cancer. International Journal of Particle Therapy, 2021, 8, 319-327.	1.8	11
42	The Impact of Anatomic Change on Pencil Beam Scanning in the Treatment of Oropharynx Cancer. International Journal of Particle Therapy, 2015, 2, 394-403.	1.8	10
43	Photodynamic Therapy: A Light in the Darkness?. Clinical Cancer Research, 2009, 15, 4252-4253.	7.0	9
44	Penn Medicine Head and Neck Cancer Service Line COVID -19 management guidelines. Head and Neck, 2020, 42, 1507-1515.	2.0	9
45	Comparison of Pencil Beam Scanning Proton- and Photon-Based Techniques for Carcinoma of the Parotid. International Journal of Particle Therapy, 2016, 2, 525-532.	1.8	9
46	Epidemiologic factors in patients with advanced head and neck cancer treated with radiation therapy. Head and Neck, 2021, 43, 164-172.	2.0	8
47	Adjuvant Radiation Therapy for Clinical Stage III Melanoma in the Modern Therapeutic Era. Annals of Surgical Oncology, 2021, 28, 3512-3521.	1.5	8
48	Definitive tumor directed therapy confers a survival advantage for metachronous oligometastatic HPV-associated oropharyngeal cancer following trans-oral robotic surgery. Oral Oncology, 2021, 121, 105509.	1.5	8
49	A benchmark for oncologic outcomes and model for lethal recurrence risk after transoral robotic resection of HPV-related oropharyngeal cancers. Oral Oncology, 2022, 127, 105798.	1.5	8
50	The impact of treatment package time on locoregional control for HPV+ oropharyngeal squamous cell carcinoma treated with surgery and postoperative (chemo)radiation. Head and Neck, 2019, 41, 3858-3868.	2.0	7
51	Prompt gamma imaging for the identification of regional proton range deviations due to anatomic change in a heterogeneous region. British Journal of Radiology, 2020, 93, 20190619.	2.2	7
52	Prediction of distant metastases in patients with squamous cell carcinoma of head and neck using DWI and DCE-MRI. Head and Neck, 2020, 42, 3295-3306.	2.0	6
53	Dual-Energy Computed Tomography Proton-Dose Calculation with Scripting and Modified Hounsfield Units. International Journal of Particle Therapy, 2021, 8, 62-72.	1.8	6
54	Management of Head and Neck Cancers With or Without Comorbid HIV Infection in Botswana. Laryngoscope, 2021, 131, E1558-E1566.	2.0	5

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55	Oncologic outcomes of transoral robotic surgery for HPV-negative oropharyngeal carcinomas. <i>Head and Neck</i> , 2021, 43, 2923-2934.	2.0	5
56	Benefits of omitting primary site radiation therapy after transoral robotic surgery: Only time will tell. <i>Practical Radiation Oncology</i> , 2017, 7, e157-e158.	2.1	4
57	Risk of post-operative, pre-radiotherapy contralateral neck recurrence in patients treated with surgery followed by adjuvant radiotherapy for human papilloma virus-associated tonsil cancer. <i>British Journal of Radiology</i> , 2019, 92, 20190466.	2.2	3
58	The Reality of Randomized Controlled Trials for Assessing the Benefit of Proton Therapy: Critically Examining the Intent-to-Treat Principle in the Presence of Insurance Denial. <i>Advances in Radiation Oncology</i> , 2021, 6, 100635.	1.2	3
59	Oncologic Outcomes Following Transoral Robotic Surgery for Human Papillomavirus-Associated Oropharyngeal Carcinoma in Older Patients. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020, 146, 1167.	2.2	2
60	Survival and toxicity in patients with human papilloma virus-associated oropharyngeal squamous cell cancer receiving trimodality therapy including transoral robotic surgery. <i>Head and Neck</i> , 2021, 43, 3053-3061.	2.0	2
61	Sex-based differences in outcomes among surgically treated patients with HPV-related oropharyngeal squamous cell carcinoma. <i>Oral Oncology</i> , 2021, 123, 105570.	1.5	2
62	Dosimetric Results for Adjuvant Proton Radiation Therapy of HPV-Associated Oropharynx Cancer. <i>International Journal of Particle Therapy</i> , 2022, 8, 47-54.	1.8	2
63	Head and Neck Cancer with Metastatic Spread to the Breast. <i>American Journal of Medicine</i> , 2015, 128, e3.	1.5	1
64	Radiation therapy for head and neck cancer leads to gingival recession associated with dental caries. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2022, 133, 539-546.	0.4	1
65	Stricter Postoperative Oropharyngeal Cancer Radiotherapy Normal Tissue Dose Constraints Are Feasible. <i>Practical Radiation Oncology</i> , 2022, , .	2.1	1
66	PET and Radiation Therapy Planning and Delivery for Prostate Cancer. <i>PET Clinics</i> , 2009, 4, 193-207.	3.0	0
67	for Sinonasal Mucosal Melanoma: A Single-Institution Retrospective Experience. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	0
68	A Phase I/II Clinical Trial of Proton Therapy for Chordomas and Chondrosarcomas. , 2020, 81, .		0
69	Tubarial salivary gland sparing with proton therapy. <i>Medical Dosimetry</i> , 2022, , .	0.9	0