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	Dosimetric Results for Adjuvant Proton Radiation Therapy of HPV-Associated Oropharynx Cancer. International Journal of Particle Therapy, 2022, 8, 47-54.	1.8	2
2	Radiation therapy for head and neck cancer leads to gingival recession associated with dental caries. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2022, 133, 539-546.	0.4	1
3	Stricter Postoperative Oropharyngeal Cancer Radiotherapy Normal Tissue Dose Constraints Are Feasible. Practical Radiation Oncology, 2022, , .	2.1	1
4	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
5	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
6	Tubarial salivary gland sparing with proton therapy. Medical Dosimetry, 2022, , .	0.9	0
7	Association of Antibiotic Exposure With Survival and Toxicity in Patients With Melanoma Receiving Immunotherapy. Journal of the National Cancer Institute, 2021, 113, 162-170.	6.3	81
8	Epidemiologic factors in patients with advanced head and neck cancer treated with radiation therapy. Head and Neck, 2021, 43, 164-172.	2.0	8
9	Current delivery limitations of proton PBS for FLASH. Radiotherapy and Oncology, 2021, 155, 212-218.	0.6	35
10	Increased rate of recurrence and high rate of salvage in patients with human papillomavirusâ€“associated oropharyngeal squamous cell carcinoma with adverse features treated with primary surgery without recommended adjuvant therapy. Head and Neck, 2021, 43, 1128-1141.	2.0	17
11	Adjuvant Radiation Therapy for Clinical Stage III Melanoma in the Modern Therapeutic Era. Annals of Surgical Oncology, 2021, 28, 3512-3521.	1.5	8
12	Management of Head and Neck Cancers With or Without Comorbid HIV Infection in Botswana. Laryngoscope, 2021, 131, E1558-E1566.	2.0	5
13	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. Advances in Radiation Oncology, 2021, 6, 100635.	1.2	3
14	Locoregional Recurrence in <scp>p16â€Positive</scp> Oropharyngeal Squamous Cell Carcinoma After <scp>TORS</scp>. Laryngoscope, 2021, 131, E2865-E2873.	2.0	13
15	Survival and toxicity in patients with human papilloma virusâ€associated oropharyngeal squamous cell cancer receiving trimodality therapy including transoral robotic surgery. Head and Neck, 2021, 43, 3053-3061.	2.0	2
16	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
17	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
18	Oncologic outcomes of transoral robotic surgery for <scp>HPV</scp>â€negative oropharyngeal carcinomas. Head and Neck, 2021, 43, 2923-2934.	2.0	5

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19	Oncologic and survival outcomes for resectable locally-advanced HPV-related oropharyngeal cancer treated with transoral robotic surgery. Oral Oncology, 2021, 118, 105307.	1.5	21
20	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
21	Sex-based differences in outcomes among surgically treated patients with HPV-related oropharyngeal squamous cell carcinoma. Oral Oncology, 2021, 123, 105570.	1.5	2
22	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
23	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. International Journal of Radiation Oncology Biology Physics, 2020, 106, 725-732.	0.8	103
24	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
25	Oncologic Outcomes Following Transoral Robotic Surgery for Human Papillomavirusâ€"Associated Oropharyngeal Carcinoma in Older Patients. JAMA Otolaryngology - Head and Neck Surgery, 2020, 146, 1167.	2.2	2
26	Prediction of distant metastases in patients with squamous cell carcinoma of head and neck using DWI and DCEâ€MRI. Head and Neck, 2020, 42, 3295-3306.	2.0	6
27	Identifying predictors of <scp>HPV</scp>â€related head and neck squamous cell carcinoma progression and survival through patientâ€derived models. International Journal of Cancer, 2020, 147, 3236-3249.	5.1	40
28	<scp>Penn</scp> Medicine Head and Neck Cancer Service Line <scp>COVID</scp>â€19 management guidelines. Head and Neck, 2020, 42, 1507-1515.	2.0	9
29	Design, Implementation, and inÂVivo Validation of a Novel Proton FLASH Radiation Therapy System. International Journal of Radiation Oncology Biology Physics, 2020, 106, 440-448.	0.8	274
30	A Phase I/II Clinical Trial of Proton Therapy for Chordomas and Chondrosarcomas. , 2020, 81, .		0
31	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
32	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
33	Palliative Radiation Therapy for Head and Neck Cancers. International Journal of Radiation Oncology Biology Physics, 2019, 105, 254-266.	0.8	52
34	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. British Journal of Radiology, 2019, 92, 20190466.	2.2	3
35	A Model-Based Approach to Predict Short-Term Toxicity Benefits With Proton Therapy for Oropharyngeal Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 104, 553-562.	0.8	34
36	Immunotherapy Targeting HPV16/18 Generates Potent Immune Responses in HPV-Associated Head and Neck Cancer. Clinical Cancer Research, 2019, 25, 110-124.	7.0	102

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37	Radiation Therapy for Oral Cavity and Oropharyngeal Cancers. Dental Clinics of North America, 2018, 62, 99-109.	1.8	23
38	Proton Therapy for Head and Neck Cancers. Seminars in Radiation Oncology, 2018, 28, 53-63.	2.2	89
39	Lesion oxygenation associates with clinical outcomes in premalignant and early stage head and neck tumors treated on a phase 1 trial of photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2018, 21, 28-35.	2.6	30
40	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. Medical Physics, 2018, 45, 5631-5642.	3.0	32
41	Comparing Intensity-Modulated Proton Therapy With Intensity-Modulated Photon Therapy for Oropharyngeal Cancer: The Journey From Clinical Trial Concept to Activation. Seminars in Radiation Oncology, 2018, 28, 108-113.	2.2	26
42	Quality of Life of Postoperative Photon versus Proton Radiation Therapy for Oropharynx Cancer. International Journal of Particle Therapy, 2018, 5, 11-17.	1.8	29
43	Impact of Multi-leaf Collimator Parameters on Head and Neck Plan Quality and Delivery: A Comparison between Halcyonâ„¢ and TruebeamÂ® Treatment Delivery Systems. Cureus, 2018, 10, e3648.	0.5	20
44	Prompt Gamma Imaging for InÂVivo Range Verification of Pencil Beam Scanning Proton Therapy. International Journal of Radiation Oncology Biology Physics, 2017, 99, 210-218.	0.8	127
45	Clinical decision support of radiotherapy treatment planning: A data-driven machine learning strategy for patient-specific dosimetric decision making. Radiotherapy and Oncology, 2017, 125, 392-397.	0.6	78
46	Superiority in Robustness of Multifield Optimization Over Single-Field Optimization for Pencil-Beam Proton Therapy for Oropharynx Carcinoma: An Enhanced Robustness Analysis. International Journal of Radiation Oncology Biology Physics, 2017, 99, 738-749.	0.8	23
47	Relapse Rates With Surgery Alone in Human Papillomavirusâ€“Related Intermediate- and High-Risk Group Oropharynx Squamous Cell Cancer: A Multi-Institutional Review. International Journal of Radiation Oncology Biology Physics, 2017, 99, 938-946.	0.8	30
48	Benefits of omitting primary site radiation therapy after transoral robotic surgery: Only time will tell. Practical Radiation Oncology, 2017, 7, e157-e158.	2.1	4
49	for Sinonasal Mucosal Melanoma: A Single-Institution Retrospective Experience. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.8	0
50	Toward improved target conformity for two spot scanning proton therapy delivery systems using dynamic collimation. Medical Physics, 2016, 43, 1421-1427.	3.0	25
51	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. Acta OncolÃ³gica, 2016, 55, 1107-1114.	1.8	33
52	HPVâ€related oropharyngeal cancer: Risk factors for treatment failure in patients managed with primary transoral robotic surgery. Head and Neck, 2016, 38, 59-65.	2.0	56
53	Adjuvant radiotherapy for early head and neck squamous cell carcinoma with perineural invasion: A systematic review. Head and Neck, 2016, 38, E2350-7.	2.0	66
54	Toxicities and early outcomes in a phase 1 trial of photodynamic therapy for premalignant and early stage head and neck tumors. Oral Oncology, 2016, 55, 37-42.	1.5	27

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55	Nodal metastasis and elective nodal level treatment in sinonasal small-cell and sinonasal undifferentiated carcinoma: a surveillance, epidemiology and end results analysis. British Journal of Radiology, 2016, 89, 20150488.	2.2	23
56	Theoretical Benefits of Dynamic Collimation inÂPencil Beam Scanning Proton Therapy forÂBrain Tumors: Dosimetric and Radiobiological Metrics. International Journal of Radiation Oncology Biology Physics, 2016, 95, 171-180.	0.8	42
57	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
58	Improving Head and Neck Cancer Treatments Using Dynamic Collimation in Spot Scanning Proton Therapy. International Journal of Particle Therapy, 2016, 2, 544-554.	1.8	20
59	Guideline Familiarity Predicts Variation in Self-Reported Use of Routine Surveillance PET/CT by Physicians Who Treat Head and Neck Cancer. Journal of the National Comprehensive Cancer Network: JNCCN, 2015, 13, 69-77.	4.9	33
60	Total Laryngectomy Versus Larynx Preservation for T4a Larynx Cancer: Patterns of Care and Survival Outcomes. International Journal of Radiation Oncology Biology Physics, 2015, 92, 594-601.	0.8	136
61	Head and Neck Cancer with Metastatic Spread to the Breast. American Journal of Medicine, 2015, 128, e3.	1.5	1
62	Molecular Pathways: A Novel Approach to Targeting Hypoxia and Improving Radiotherapy Efficacy via Reduction in Oxygen Demand. Clinical Cancer Research, 2015, 21, 1995-2000.	7.0	43
63	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
64	A Pilot Study of Hypofractionated Stereotactic Radiation Therapy and Sunitinib in Previously Irradiated Patients With Recurrent High-Grade Glioma. International Journal of Radiation Oncology Biology Physics, 2014, 90, 369-375.	0.8	22
65	Late Consequential Surgical Bed Soft Tissue Necrosis in Advanced Oropharyngeal Squamous Cell Carcinomas Treated With Transoral Robotic Surgery and Postoperative Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2014, 89, 981-988.	0.8	40
66	Hypoxia Imaging Markers and Applications for Radiation Treatment Planning. Seminars in Nuclear Medicine, 2012, 42, 343-352.	4.6	32
67	Photodynamic Therapy: A Light in the Darkness?. Clinical Cancer Research, 2009, 15, 4252-4253.	7.0	9
68	PET and Radiation Therapy Planning and Delivery for Prostate Cancer. PET Clinics, 2009, 4, 193-207.	3.0	0
69	Recurrences near base of skull after IMRT for head-and-neck cancer: implications for target delineation in high neck and for parotid gland sparing. International Journal of Radiation Oncology Biology Physics, 2004, 59, 28-42.	0.8	297