

Zelig Tochner

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,188
citations

430754

18
h-index

395590

33
g-index

35
all docs

35
docs citations

35
times ranked

1542
citing authors

#	ARTICLE	IF	CITATIONS
1	First Clinical Investigation of Cone Beam Computed Tomography and Deformable Registration for Adaptive Proton Therapy for Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 549-559.	0.4	172
2	Short-Term and Long-Term Health Risks of Nuclear-Power-Plant Accidents. <i>New England Journal of Medicine</i> , 2011, 364, 2334-2341.	13.9	156
3	Phase I study of debulking surgery and photodynamic therapy for disseminated intraperitoneal tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 1993, 25, 445-457.	0.4	141
4	Real-Time Study of Prostate Intrafraction Motion During External Beam Radiotherapy With Daily Endorectal Balloon. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1302-1309.	0.4	62
5	A case-matched study of toxicity outcomes after proton therapy and intensity-modulated radiation therapy for prostate cancer. <i>Cancer</i> , 2015, 121, 1118-1127.	2.0	61
6	Primary treatment of large and massive adult sarcomas with iododeoxyuridine and aggressive hyperfractionated irradiation. <i>Cancer</i> , 1991, 67, 572-576.	2.0	54
7	A Study to Quantify the Effectiveness of Daily Endorectal Balloon for Prostate Intrafraction Motion Management. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 1055-1063.	0.4	51
8	Supine Craniospinal Irradiation Using a Proton Pencil Beam Scanning Technique Without Match Line Changes for Field Junctions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 71-78.	0.4	44
9	Intraoperative photodynamic therapy for malignant mesothelioma. <i>Annals of Thoracic Surgery</i> , 1990, 50, 687-688.	0.7	40
10	Development and Clinical Implementation of a Universal Bolus to Maintain Spot Size During Delivery of Base of Skull Pencil Beam Scanning Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 79-84.	0.4	39
11	Proton versus photon radiation therapy for patients with high-risk neuroblastoma: The need for a customized approach. <i>Pediatric Blood and Cancer</i> , 2013, 60, 1606-1611.	0.8	38
12	Comparative Toxicity and Dosimetric Profile of Whole-Pelvis Versus Prostate Bed-Only Intensity-Modulated Radiation Therapy After Prostatectomy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 1389-1396.	0.4	37
13	Principles and Reality of Proton Therapy Treatment Allocation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 499-508.	0.4	29
14	Paradoxical pharmacodynamic effect of atropine on parasympathetic control: A study by spectral analysis of heart rate fluctuations. <i>Clinical Pharmacology and Therapeutics</i> , 1992, 52, 518-527.	2.3	26
15	Proton therapy for pediatric head and neck malignancies. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26858.	0.8	24
16	Comparison of prostate proton treatment planning technique, interfraction robustness, and analysis of single-field treatment feasibility. <i>Practical Radiation Oncology</i> , 2015, 5, 99-105.	1.1	23
17	Pencil beam scanning proton therapy for treatment of the retroperitoneum after nephrectomy for Wilms tumor: A dosimetric comparison study. <i>Pediatric Blood and Cancer</i> , 2017, 64, 39-45.	0.8	22
18	Outcomes After Proton Therapy for Treatment of Pediatric High-Risk Neuroblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 401-408.	0.4	19

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19	The impact of stool and gas volume on intrafraction prostate motion in patients undergoing radiotherapy with daily endorectal balloon. <i>Radiotherapy and Oncology</i> , 2014, 112, 89-94.	0.3	18
20	Acute gastrointestinal and genitourinary toxicity of image-guided intensity modulated radiation therapy for prostate cancer using a daily water-filled endorectal balloon. <i>Radiation Oncology</i> , 2012, 7, 76.	1.2	17
21	Breast Cancer Screening for Childhood Cancer Survivors After Craniospinal Irradiation With Protons Versus X-Rays. <i>Journal of Pediatric Hematology/Oncology</i> , 2013, 35, 462-467.	0.3	17
22	Preserving Fertility in Adolescent Girls and Young Women Requiring Craniospinal Irradiation: A Case Report and Discussion of Options to Be Considered Prior to Treatment. <i>Journal of Adolescent and Young Adult Oncology</i> , 2014, 3, 96-99.	0.7	14
23	Disparities in staging prostate magnetic resonance imaging utilization for nonmetastatic prostate cancer patients undergoing definitive radiation therapy. <i>Advances in Radiation Oncology</i> , 2016, 1, 325-332.	0.6	14
24	Impact of Intrafraction and Residual Interfraction Effect on Prostate Proton Pencil Beam Scanning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 1186-1194.	0.4	13
25	Initial report of the genitourinary and gastrointestinal toxicity of post-prostatectomy proton therapy for prostate cancer patients undergoing adjuvant or salvage radiotherapy. <i>Acta Oncol</i> 2018, 57, 1506-1514.	0.8	13
26	A clinically feasible method for the detection of potential collision in proton therapy. <i>Medical Physics</i> , 2012, 39, 7094-7101.	1.6	11
27	Sociodemographic disparities in the utilization of proton therapy for prostate cancer at an urban academic center. <i>Advances in Radiation Oncology</i> , 2017, 2, 132-139.	0.6	10
28	Applications of various range shifters for proton pencil beam scanning radiotherapy. <i>Radiation Oncology</i> , 2021, 16, 146.	1.2	5
29	Proton Therapy: Ever Shifting Sands and the Opportunities and Obligations within. <i>Frontiers in Oncology</i> , 2011, 1, 24.	1.3	4
30	Factors associated with event reporting in the pediatric radiation oncology population using an electronic incident reporting system. <i>Practical Radiation Oncology</i> , 2015, 5, e417-e422.	1.1	4
31	Initial clinical outcomes for prostate cancer patients undergoing adjuvant or salvage proton therapy after radical prostatectomy. <i>Acta Oncol</i> 2020, 59, 1235-1239.	0.8	4
32	Proton Treatment Planning. <i>Practical Guides in Radiation Oncology</i> , 2018, , 45-105.	0.0	3
33	Role of Metastatic Site Irradiation in Pediatric Patients With Metastatic Ewing Sarcoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, e305-e309.	0.3	3
34	Spinal Canal Tumor. , 2013, , 803-809.		0