

Jinyu Xue

List of Publications by Year in descending order

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36
papers

1,014
citations

623574

14
h-index

434063

31
g-index

36
all docs

36
docs citations

36
times ranked

1168
citing authors

#	ARTICLE	IF	CITATIONS
1	Single- and Multifraction Stereotactic Radiosurgery Dose/Volume Tolerances of the Brain. International Journal of Radiation Oncology Biology Physics, 2021, 110, 68-86.	0.4	164
2	Dose tolerance limits and dose volume histogram evaluation for stereotactic body radiotherapy. Journal of Applied Clinical Medical Physics, 2011, 12, 267-292.	0.8	145
3	Simple Factors Associated With Radiation-Induced Lung Toxicity After Stereotactic Body Radiation Therapy of the Thorax: A Pooled Analysis of 88 Studies. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1357-1366.	0.4	134
4	Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. International Journal of Radiation Oncology Biology Physics, 2021, 110, 87-99.	0.4	86
5	Tumor Control Probability of Radiosurgery and Fractionated Stereotactic Radiosurgery for Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2021, 110, 53-67.	0.4	62
6	High Dose per Fraction, Hypofractionated Treatment Effects in the Clinic (HyTEC): An Overview. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1-10.	0.4	60
7	Estimated Risk Level of Unified Stereotactic Body Radiation Therapy Dose Tolerance Limits for Spinal Cord. Seminars in Radiation Oncology, 2016, 26, 165-171.	1.0	45
8	Head and Neck Tumor Control Probability: Radiation Dose-Volume Effects in Stereotactic Body Radiation Therapy for Locally Recurrent Previously-Irradiated Head and Neck Cancer: Report of the AAPM Working Group. International Journal of Radiation Oncology Biology Physics, 2021, 110, 137-146.	0.4	37
9	Dose-volume effects on brainstem dose tolerance in radiosurgery. Journal of Neurosurgery, 2012, 117, 189-196.	0.9	30
10	Validity of Current Stereotactic Body Radiation Therapy Dose Constraints for Aorta and Major Vessels. Seminars in Radiation Oncology, 2016, 26, 135-139.	1.0	30
11	Stereotactic Body Radiation Therapy for Spinal Metastases: Tumor Control Probability Analyses and Recommended Reporting Standards. International Journal of Radiation Oncology Biology Physics, 2021, 110, 112-123.	0.4	25
12	Small Bowel Dose Tolerance for Stereotactic Body Radiation Therapy. Seminars in Radiation Oncology, 2016, 26, 157-164.	1.0	23
13	Biological implications of whole-brain radiotherapy versus stereotactic radiosurgery of multiple brain metastases. Journal of Neurosurgery, 2014, 121, 60-68.	0.9	21
14	Stereotactic Radiosurgery for Poor Performance Status Patients. International Journal of Radiation Oncology Biology Physics, 2016, 95, 956-959.	0.4	19
15	Introduction and Clinical Overview of the DVH Risk Map. Seminars in Radiation Oncology, 2016, 26, 89-96.	1.0	14
16	Factors that may determine the targeting accuracy of image-guided radiosurgery. Medical Physics, 2015, 42, 6004-6010.	1.6	13
17	Low toxicity for lung tumors near the mediastinum treated with stereotactic body radiation therapy. Practical Radiation Oncology, 2013, 3, 130-137.	1.1	12
18	Small field dose measurements using plastic scintillation detector in heterogeneous media. Medical Physics, 2017, 44, 3815-3820.	1.6	12

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19	Stereotactic Radiosurgery for Vestibular Schwannomas: Tumor Control Probability Analyses and Recommended Reporting Standards. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 100-111.	0.4	12
20	Initial Data Pooling for Radiation Dose-Volume Tolerance for Carotid Artery Blowout and Other Bleeding Events in Hypofractionated Head and Neck Retreatments. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 147-159.	0.4	12
21	Adaptive radiotherapy based on statistical process control for oropharyngeal cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 171-177.	0.8	10
22	Predicting local failure of brain metastases after stereotactic radiosurgery with radiomics on planning MR images and dose maps. <i>Medical Physics</i> , 2021, 48, 5522-5530.	1.6	10
23	Volume effects in radiosurgical spinal cord dose tolerance: how small is too small?. <i>Journal of Radiation Oncology</i> , 2019, 8, 53-61.	0.7	8
24	Dosimetric assessment of tumor control probability in intensity and volumetric modulated radiotherapy plans. <i>British Journal of Radiology</i> , 2019, 92, 20180471.	1.0	7
25	A Practical Method to Optimize Quality Assurance Results of Arc Therapy Plans in Beam Modeling. <i>Journal of Medical Physics</i> , 2018, 43, 106-111.	0.1	5
26	Effect of beam profile measurement on arc therapy plan quality assurance: a case study. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 52-55.	0.8	4
27	Potential Clinical Significance of Overall Targeting Accuracy and Motion Management in the Treatment of Tumors That Move With Respiration: Lessons Learnt From a Quarter Century of Stereotactic Body Radiotherapy From Dose Response Models. <i>Frontiers in Oncology</i> , 2020, 10, 591430.	1.3	4
28	Impact of transrectal ultrasound- and computed tomography-based seed localization on postimplant dosimetry in prostate brachytherapy. <i>Brachytherapy</i> , 2009, 8, 255-264.	0.2	3
29	Clinical evidence for dose tolerance of the central nervous system in hypofractionated radiotherapy. <i>Journal of Radiation Oncology</i> , 2018, 7, 293-305.	0.7	2
30	Improved Dose Conformity for Adjacent Targets: A Novel Planning Technique for Gamma Knife Stereotactic Radiosurgery. <i>Cureus</i> , 2018, 10, e3057.	0.2	2
31	The HyTEC Project. <i>Medical Physics</i> , 2021, 48, 2699-2700.	1.6	1
32	Complication probability for radiation pneumonitis (RP) after stereotactic body radiotherapy (SBRT). <i>Journal of Radiosurgery and SBRT</i> , 2013, 2, 99-104.	0.2	1
33	Overview of dosimetric and biological perspectives on radiosurgery of multiple brain metastases in comparison with whole brain radiotherapy. <i>Journal of Radiosurgery and SBRT</i> , 2015, 3, 271-279.	0.2	1
34	Evaluating Published Skin Dose Tolerance Limits for Stereotactic Body Radiation Therapy of Lung Cancer. <i>Cureus</i> , 2012, , .	0.2	0
35	Validation of Treatment Planning Dose Calculations: Experience Working with Medical Physics Practice Guideline 5.a. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2017, 06, 57-72.	0.3	0
36	Big Data Approaches to Improve Stereotactic Body Radiation Therapy (SBRT) Outcomes. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2018, , 94-113.	0.1	0