

Zhikai Liu

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

314
citations

933447

10
h-index

888059

17
g-index

33
all docs

33
docs citations

33
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmentation of organs-at-risk in cervical cancer CT images with a convolutional neural network. <i>Physica Medica</i> , 2020, 69, 184-191.	0.7	68
2	Development and validation of a deep learning algorithm for auto-delineation of clinical target volume and organs at risk in cervical cancer radiotherapy. <i>Radiotherapy and Oncology</i> , 2020, 153, 172-179.	0.6	51
3	Treatment outcomes of intracranial germinoma: a retrospective analysis of 170 patients from a single institution. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 709-715.	2.5	23
4	Efficacy and toxicity of image-guided intensity-modulated radiation therapy combined with dose-escalated brachytherapy for stage IIB cervical cancer. <i>Oncotarget</i> , 2017, 8, 102965-102973.	1.8	19
5	Evaluation of the efficacy of prophylactic extended field irradiation in the concomitant chemoradiotherapy treatment of locally advanced cervical cancer, stage IIIb in the 2018 FIGO classification. <i>Radiation Oncology</i> , 2019, 14, 228.	2.7	16
6	Posttreatment squamous cell carcinoma antigen predicts treatment failure in patients with cervical squamous cell carcinoma treated with concurrent chemoradiotherapy. <i>Gynecologic Oncology</i> , 2019, 155, 224-228.	1.4	15
7	Automatic Segmentation of Clinical Target Volumes for Post-Modified Radical Mastectomy Radiotherapy Using Convolutional Neural Networks. <i>Frontiers in Oncology</i> , 2020, 10, 581347.	2.8	14
8	A blind randomized validated convolutional neural network for auto-segmentation of clinical target volume in rectal cancer patients receiving neoadjuvant radiotherapy. <i>Cancer Medicine</i> , 2022, 11, 166-175.	2.8	12
9	Escalated radiation and prophylactic extended field nodal irradiation are beneficial for FIGO IIIb cervical cancer patients's prognosis. <i>Radiation Oncology</i> , 2018, 13, 223.	2.7	11
10	Low-Dose-Area-Constrained Helical TomoTherapy-Based Whole Breast Radiotherapy and Dosimetric Comparison with Tangential Field-in-Field IMRT. <i>BioMed Research International</i> , 2013, 2013, 1-6.	1.9	10
11	Automatic Segmentation of Clinical Target Volume and Organs-at-Risk for Breast Conservative Radiotherapy Using a Convolutional Neural Network. <i>Cancer Management and Research</i> , 2021, Volume 13, 8209-8217.	1.9	10
12	How much margin do we need for pelvic lymph nodes irradiation in the era of IGRT?. <i>Journal of Cancer</i> , 2018, 9, 3683-3689.	2.5	7
13	Abscopal effect induced by modulated radiation therapy and pembrolizumab in a patient with pancreatic metastatic lung squamous cell carcinoma. <i>Thoracic Cancer</i> , 2020, 11, 2014-2017.	1.9	7
14	An Adversarial Deep-Learning-Based Model for Cervical Cancer CTV Segmentation With Multicenter Blinded Randomized Controlled Validation. <i>Frontiers in Oncology</i> , 2021, 11, 702270.	2.8	7
15	Outcome of multidisciplinary treatment of peripheral primitive neuroectodermal tumor. <i>Scientific Reports</i> , 2020, 10, 15656.	3.3	6
16	COVID-19 outbreak and cancer patient management: Viewpoint from radio-oncologists. <i>Radiotherapy and Oncology</i> , 2020, 149, 44-45.	0.6	6
17	Second primary malignancies associated with radiation therapy in cervical cancer patients diagnosed between 1975 and 2011: a population-based competing-risk study. <i>Annals of Translational Medicine</i> , 2021, 9, 1375-1375.	1.7	6
18	Long-term radiation therapy-related risk of second primary malignancies in patients with lung cancer. <i>Journal of Thoracic Disease</i> , 2021, 13, 5863-5874.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Risk of developing second malignant neoplasms in patients with neuroblastoma: a population study of the US SEER database. <i>Radiation Oncology</i> , 2021, 16, 228.	2.7	4
20	Prognostic outcome after second primary lung cancer in patients with previously treated lung cancer by radiotherapy. <i>Journal of Thoracic Disease</i> , 2020, 12, 5376-5386.	1.4	3
21	Outcome of Non-small Cell Lung Cancer Patients With N3 Stage: Survival Analysis of Propensity Score Matching With a Validated Predictive Nomogram. <i>Frontiers in Surgery</i> , 2021, 8, 666332.	1.4	3
22	Risk of second primary malignancies associated with radiotherapy in prostate cancer patients: competing risk analysis. <i>Future Oncology</i> , 2022, 18, 445-455.	2.4	3
23	Neoadjuvant chemoradiotherapy or radiotherapy in patients aged 75 years or older with locally advanced rectal cancer. <i>Journal of Cancer</i> , 2020, 11, 3536-3542.	2.5	2
24	Perceived quality of care and its associated factors among Chinese patients with advanced cancer: findings from the APPROACH study in Beijing. <i>Supportive Care in Cancer</i> , 2021, 29, 1395-1401.	2.2	2
25	Second Malignant Neoplasms in Patients With Rhabdomyosarcoma. <i>Frontiers in Oncology</i> , 2021, 11, 757095.	2.8	2
26	A Population-Based Systematic Clinical Analysis With a Single-Center Case Series of Patients With Pulmonary Large Cell Neuroendocrine Carcinoma. <i>Frontiers in Endocrinology</i> , 2021, 12, 759915.	3.5	1
27	The Impact of Different Simulation Modalities on Target Volume Delineation in Breast-Conserving Radiotherapy. <i>Cancer Management and Research</i> , 2021, Volume 13, 5633-5640.	1.9	0