

Xuming Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3294043/publications.pdf>

Version: 2024-02-01

14
papers

671
citations

1306789

7
h-index

1281420

11
g-index

14
all docs

14
docs citations

14
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	AnatomyNet: Deep learning for fast and fully automated whole-body volume segmentation of head and neck anatomy. <i>Medical Physics</i> , 2019, 46, 576-589.	1.6	353
2	Clinically applicable deep learning framework for organs at risk delineation in CT images. <i>Nature Machine Intelligence</i> , 2019, 1, 480-491.	8.3	100
3	A deep learning-based auto-segmentation system for organs-at-risk on whole-body computed tomography images for radiation therapy. <i>Radiotherapy and Oncology</i> , 2021, 160, 175-184.	0.3	73
4	Targeted Tumor Hypoxia Dual-Mode CT/MR Imaging and Enhanced Radiation Therapy Using Dendrimer-Based Nanosensitizers. <i>Advanced Functional Materials</i> , 2020, 30, 1909285.	7.8	71
5	Spatial Context-Aware Self-Attention Model For Multi-Organ Segmentation. , 2021, , .		14
6	Upregulation of microRNA-181a-5p increases the sensitivity of HS578T breast cancer cells to cisplatin by inducing vitamin D receptor-mediated cell autophagy. <i>Oncology Letters</i> , 2021, 21, 247.	0.8	12
7	MiR-122-5p increases radiosensitivity and aggravates radiation-induced rectal injury through CCAR1. <i>Toxicology and Applied Pharmacology</i> , 2020, 399, 115054.	1.3	12
8	Intelligent design of polymer nanogels for full-process sensitized radiotherapy and dual-mode computed tomography/magnetic resonance imaging of tumors. <i>Theranostics</i> , 2022, 12, 3420-3437.	4.6	10
9	Attentionanatomy: A Unified Framework for Whole-Body Organs at Risk Segmentation Using Multiple Partially Annotated Datasets. , 2020, , .		7
10	Nrf2 alleviates radiation-induced rectal injury by inhibiting of necroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2021, 554, 49-55.	1.0	7
11	Ultrasound classification-guided minimally invasive rotary cutting in granulomatous lobular mastitis. <i>BMC Women's Health</i> , 2020, 20, 252.	0.8	6
12	Phase II Study of Adjuvant Chemoradiotherapy Using Docetaxel/Cisplatin/5-Fluorouracil Before and After Intensity-modulated Radiotherapy With Concurrent Docetaxel in Patients With Completely (R0) Resected Gastric Carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018, 41, 619-625.	0.6	3
13	Dendrimer-Based Nanosensitizers: Targeted Tumor Hypoxia Dual-Mode CT/MR Imaging and Enhanced Radiation Therapy Using Dendrimer-Based Nanosensitizers (<i>Adv. Funct. Mater.</i> 13/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070082.	7.8	3
14	Hypoxic Cell-Derived Extracellular Vesicles Aggravate Rectal Injury Following Radiotherapy via MiR-122-5p. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 892575.	1.8	0