

Yingzi Liu

List of Publications by Year in descending order

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papers

959
citations

516215

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docs citations

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times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	The association of bone and blood manganese with motor function in Chinese workers. <i>NeuroToxicology</i> , 2022, 88, 224-230.	1.4	2
2	Machine learning for tracking planned versus delivered dose in pancreas SBRT.. <i>Journal of Clinical Oncology</i> , 2022, 40, 561-561.	0.8	0
3	Automatic inverse treatment planning of Gamma Knife radiosurgery via deep reinforcement learning. <i>Medical Physics</i> , 2022, 49, 2877-2889.	1.6	2
4	MRI classification using semantic random forest with auto-context model. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4753-4766.	1.1	1
5	CT prostate segmentation based on synthetic MRI-aided deep attention fully convolution network. <i>Medical Physics</i> , 2020, 47, 530-540.	1.6	66
6	Head and neck multi-organ auto-segmentation on CT images aided by synthetic MRI. <i>Medical Physics</i> , 2020, 47, 4294-4302.	1.6	31
7	CT-based multi-organ segmentation using a 3D self-attention U-net network for pancreatic radiotherapy. <i>Medical Physics</i> , 2020, 47, 4316-4324.	1.6	35
8	CBCT-based synthetic CT generation using deep-attention cycleGAN for pancreatic adaptive radiotherapy. <i>Medical Physics</i> , 2020, 47, 2472-2483.	1.6	113
9	Characterization of bone aluminum, a potential biomarker of cumulative exposure, within an occupational population from Zunyi, China. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 59, 126469.	1.5	8
10	Intensity non-uniformity correction in MR imaging using residual cycle generative adversarial network. <i>Physics in Medicine and Biology</i> , 2020, 65, 215025.	1.6	27
11	MRI-based treatment planning for liver stereotactic body radiotherapy: validation of a deep learning-based synthetic CT generation method. <i>British Journal of Radiology</i> , 2019, 92, 20190067.	1.0	52
12	Evaluation of a deep learning-based pelvic synthetic CT generation technique for MRI-based prostate proton treatment planning. <i>Physics in Medicine and Biology</i> , 2019, 64, 205022.	1.6	45
13	MRI-only based synthetic CT generation using dense cycle consistent generative adversarial networks. <i>Medical Physics</i> , 2019, 46, 3565-3581.	1.6	181
14	MRI-based treatment planning for proton radiotherapy: dosimetric validation of a deep learning-based liver synthetic CT generation method. <i>Physics in Medicine and Biology</i> , 2019, 64, 145015.	1.6	53
15	The association of bone, fingernail and blood manganese with cognitive and olfactory function in Chinese workers. <i>Science of the Total Environment</i> , 2019, 666, 1003-1010.	3.9	18
16	Deeply supervised 3D fully convolutional networks with group dilated convolution for automatic MRI prostate segmentation. <i>Medical Physics</i> , 2019, 46, 1707-1718.	1.6	151
17	Deep learning-based image quality improvement for low-dose computed tomography simulation in radiation therapy. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	0.8	23
18	MRI-Based Proton Treatment Planning for Base of Skull Tumors. <i>International Journal of Particle Therapy</i> , 2019, 6, 12-25.	0.9	24

#	ARTICLE	IF	CITATIONS
19	<i>In vivo</i> neutron activation analysis of bone manganese in workers. <i>Physiological Measurement</i> , 2018, 39, 035003.	1.2	12
20	In vivo measurement of bone manganese and association with manual dexterity: A pilot study. <i>Environmental Research</i> , 2018, 160, 35-38.	3.7	12
21	Compact DD generator-based <i>in vivo</i> neutron activation analysis (IVNAA) system to determine sodium concentrations in human bone. <i>Physiological Measurement</i> , 2018, 39, 055004.	1.2	5
22	Development of a Cumulative Exposure Index (CEI) for Manganese and Comparison with Bone Manganese and Other Biomarkers of Manganese Exposure. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1341.	1.2	17
23	Customized compact neutron activation analysis system to quantify manganese (Mn) in bone <i>in vivo</i> . <i>Physiological Measurement</i> , 2017, 38, 452-465.	1.2	13
24	A feasibility study of a deuterium-deuterium neutron generator-based boron neutron capture therapy system for treatment of brain tumors. <i>Medical Physics</i> , 2017, 44, 637-643.	1.6	1
25	Microdistribution of lead in human teeth using microbeam synchrotron radiation X-ray fluorescence ($^{1/4}$ -SRXRF). <i>X-Ray Spectrometry</i> , 2017, 46, 19-26.	0.9	6
26	The study of <i>in vivo</i> quantification of aluminum (Al) in human bone with a compact DD generator-based neutron activation analysis (NAA) system. <i>Physiological Measurement</i> , 2016, 37, 649-660.	1.2	3
27	Compact DD generator-based neutron activation analysis (NAA) system to determine fluorine in human bone <i>in vivo</i> : a feasibility study. <i>Physiological Measurement</i> , 2015, 36, 2057-2067.	1.2	7
28	A Dosimetry Study of Deuterium-Deuterium Neutron Generator-based <i>In Vivo</i> Neutron Activation Analysis. <i>Health Physics</i> , 2015, 109, 566-572.	0.3	3
29	A compact DD neutron generator-based NAA system to quantify manganese (Mn) in bone <i>in vivo</i> . <i>Physiological Measurement</i> , 2014, 35, 1899-1911.	1.2	22
30	Development of a transportable neutron activation analysis system to quantify manganese in bone <i>in vivo</i> : feasibility and methodology. <i>Physiological Measurement</i> , 2013, 34, 1593-1609.	1.2	26