

Xiaofeng Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1927807/publications.pdf>

Version: 2024-02-01

297
papers

5,914
citations

101543

36
h-index

123424

61
g-index

297
all docs

297
docs citations

297
times ranked

4889
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning in medical image registration: a review. <i>Physics in Medicine and Biology</i> , 2020, 65, 20TR01.	3.0	330
2	Automatic multiorgan segmentation in thorax <sc>CT</sc> images using Uâ€netâ€<sc>GAN</sc>. <i>Medical Physics</i> , 2019, 46, 2157-2168.	3.0	200
3	MRIâ€only based synthetic CT generation using dense cycle consistent generative adversarial networks. <i>Medical Physics</i> , 2019, 46, 3565-3581.	3.0	181
4	Paired cycleâ€GANâ€based image correction for quantitative coneâ€beam computed tomography. <i>Medical Physics</i> , 2019, 46, 3998-4009.	3.0	164
5	Deeply supervised 3D fully convolutional networks with group dilated convolution for automatic <sc>MRI</sc> prostate segmentation. <i>Medical Physics</i> , 2019, 46, 1707-1718.	3.0	151
6	Ultrasound GLCM texture analysis of radiationâ€induced parotidâ€gland injury in headâ€andâ€neck cancer radiotherapy: An <i>in vivo</i> study of late toxicity. <i>Medical Physics</i> , 2012, 39, 5732-5739.	3.0	139
7	A review on medical imaging synthesis using deep learning and its clinical applications. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 11-36.	1.9	139
8	CBCTâ€based synthetic CT generation using deepâ€attention cycleGAN for pancreatic adaptive radiotherapy. <i>Medical Physics</i> , 2020, 47, 2472-2483.	3.0	113
9	A review of deep learning based methods for medical image multi-organ segmentation. <i>Physica Medica</i> , 2021, 85, 107-122.	0.7	103
10	Synthetic MRI-aided multi-organ segmentation on male pelvic CT using cycle consistent deep attention network. <i>Radiotherapy and Oncology</i> , 2019, 141, 192-199.	0.6	97
11	Deep learning-based attenuation correction in the absence of structural information for whole-body positron emission tomography imaging. <i>Physics in Medicine and Biology</i> , 2020, 65, 055011.	3.0	97
12	Ultrasound prostate segmentation based on multidirectional deeply supervised Vâ€Net. <i>Medical Physics</i> , 2019, 46, 3194-3206.	3.0	96
13	Automated Segmentation of the Parotid Gland Based on Atlas Registration and Machine Learning: A Longitudinal MRI Study in Head-and-Neck Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 1225-1233.	0.8	95
14	Synthetic CT generation from non-attenuation corrected PET images for whole-body PET imaging. <i>Physics in Medicine and Biology</i> , 2019, 64, 215016.	3.0	81
15	A learning-based automatic segmentation and quantification method on left ventricle in gated myocardial perfusion SPECT imaging: A feasibility study. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 976-987.	2.1	72
16	Breast tumor segmentation in 3D automatic breast ultrasound using Mask scoring Râ€CNN. <i>Medical Physics</i> , 2021, 48, 204-214.	3.0	68
17	Machine learning in quantitative PET: A review of attenuation correction and low-count image reconstruction methods. <i>Physica Medica</i> , 2020, 76, 294-306.	0.7	67
18	CT prostate segmentation based on synthetic MRIâ€aided deep attention fully convolution network. <i>Medical Physics</i> , 2020, 47, 530-540.	3.0	66

#	ARTICLE	IF	CITATIONS
19	LungRegNet: An unsupervised deformable image registration method for 4Dâ€CT lung. Medical Physics, 2020, 47, 1763-1774.	3.0	66
20	Whole-body PET estimation from low count statistics using cycle-consistent generative adversarial networks. Physics in Medicine and Biology, 2019, 64, 215017.	3.0	64
21	Radiomics analysis using contrast-enhanced CT for preoperative prediction of occult peritoneal metastasis in advanced gastric cancer. European Radiology, 2020, 30, 239-246.	4.5	59
22	Male pelvic multi-organ segmentation aided by CBCT-based synthetic MRI. Physics in Medicine and Biology, 2020, 65, 035013.	3.0	58
23	A multiscale and multiblock fuzzy C-means classification method for brain MR images. Medical Physics, 2011, 38, 2879-2891.	3.0	56
24	MRI-based treatment planning for proton radiotherapy: dosimetric validation of a deep learning-based liver synthetic CT generation method. Physics in Medicine and Biology, 2019, 64, 145015.	3.0	53
25	MRI-based treatment planning for liver stereotactic body radiotherapy: validation of a deep learning-based synthetic CT generation method. British Journal of Radiology, 2019, 92, 20190067.	2.2	52
26	MRI-based treatment planning for brain stereotactic radiosurgery: Dosimetric validation of a learning-based pseudo-CT generation method. Medical Dosimetry, 2019, 44, 199-204.	0.9	51
27	4D-CT deformable image registration using multiscale unsupervised deep learning. Physics in Medicine and Biology, 2020, 65, 085003.	3.0	51
28	A wavelet multiscale denoising algorithm for magnetic resonance (MR) images. Measurement Science and Technology, 2011, 22, 025803.	2.6	49
29	Cupping artifact correction and automated classification for highâ€resolution dedicated breast CT images. Medical Physics, 2012, 39, 6397-6406.	3.0	49
30	Group Independent Component Analysis and Functional MRI Examination of Changes in Language Areas Associated with Brain Tumors at Different Locations. PLoS ONE, 2013, 8, e59657.	2.5	46
31	Evaluating early response of cervical cancer under concurrent chemo-radiotherapy by intravoxel incoherent motion MR imaging. BMC Cancer, 2016, 16, 79.	2.6	45
32	Evaluation of a deep learning-based pelvic synthetic CT generation technique for MRI-based prostate proton treatment planning. Physics in Medicine and Biology, 2019, 64, 205022.	3.0	45
33	MR/PET quantification tools: Registration, segmentation, classification, and MRâ€based attenuation correction. Medical Physics, 2012, 39, 6443-6454.	3.0	44
34	Knowledgeâ€based radiation treatment planning: A dataâ€driven method survey. Journal of Applied Clinical Medical Physics, 2021, 22, 16-44.	1.9	43
35	Texture Analysis as Imaging Biomarker for recurrence in advanced cervical cancer treated with CCRT. Scientific Reports, 2018, 8, 11399.	3.3	42
36	High-frequencyâ€ultrasound inâ€clinicalâ€dermatology: a review. Ultrasound Journal, 2021, 13, 24.	3.3	41

#	ARTICLE	IF	CITATIONS
37	MRI-based attenuation correction for brain PET/MRI based on anatomic signature and machine learning. <i>Physics in Medicine and Biology</i> , 2019, 64, 025001.	3.0	40
38	Learning-based automatic segmentation of arteriovenous malformations on contrast CT images in brain stereotactic radiosurgery. <i>Medical Physics</i> , 2019, 46, 3133-3141.	3.0	39
39	Machine-learning based classification of glioblastoma using delta-radiomic features derived from dynamic susceptibility contrast enhanced magnetic resonance images. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1201-1213.	2.0	38
40	Multimodal MRI synthesis using unified generative adversarial networks. <i>Medical Physics</i> , 2020, 47, 6343-6354.	3.0	37
41	DC Autotransformer-Based Traction Power Supply for Urban Transit Rail Potential and Stray Current Mitigation. <i>IEEE Transactions on Transportation Electrification</i> , 2020, 6, 762-773.	7.8	37
42	Pelvic multi-organ segmentation on cone-beam CT for prostate adaptive radiotherapy. <i>Medical Physics</i> , 2020, 47, 3415-3422.	3.0	37
43	Learning-based $\langle scp \rangle$ CBCT $\langle /scp \rangle$ correction using alternating random forest based on auto-context model. <i>Medical Physics</i> , 2019, 46, 601-618.	3.0	36
44	Assessment of histological differentiation in gastric cancers using whole-volume histogram analysis of apparent diffusion coefficient maps. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 440-449.	3.4	35
45	CT-based multi-organ segmentation using a 3D self-attention U-net network for pancreatic radiotherapy. <i>Medical Physics</i> , 2020, 47, 4316-4324.	3.0	35
46	Label-driven magnetic resonance imaging (MRI)-transrectal ultrasound (TRUS) registration using weakly supervised learning for MRI-guided prostate radiotherapy. <i>Physics in Medicine and Biology</i> , 2020, 65, 135002.	3.0	34
47	3D prostate segmentation of ultrasound images combining longitudinal image registration and machine learning. <i>Proceedings of SPIE</i> , 2012, 8316, 83162O.	0.8	33
48	A dual-modal magnetic nanoparticle probe for preoperative and intraoperative mapping of sentinel lymph nodes by magnetic resonance and near infrared fluorescence imaging. <i>Journal of Biomaterials Applications</i> , 2013, 28, 100-111.	2.4	33
49	Brain tumor segmentation using 3D Mask R-CNN for dynamic susceptibility contrast enhanced perfusion imaging. <i>Physics in Medicine and Biology</i> , 2020, 65, 185009.	3.0	33
50	Biomechanically constrained non-rigid MR-TRUS prostate registration using deep learning based 3D point cloud matching. <i>Medical Image Analysis</i> , 2021, 67, 101845.	11.6	33
51	MRI-based pseudo CT synthesis using anatomical signature and alternating random forest with iterative refinement model. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	33
52	Deep morphology aided diagnosis network for segmentation of carotid artery vessel wall and diagnosis of carotid atherosclerosis on black-blood vessel wall MRI. <i>Medical Physics</i> , 2019, 46, 5544-5561.	3.0	31
53	MRI-based synthetic CT generation using semantic random forest with iterative refinement. <i>Physics in Medicine and Biology</i> , 2019, 64, 085001.	3.0	31
54	Head and neck multi-organ auto-segmentation on CT images aided by synthetic MRI. <i>Medical Physics</i> , 2020, 47, 4294-4302.	3.0	31

#	ARTICLE	IF	CITATIONS
55	Multi-Needle Detection in 3D Ultrasound Images Using Unsupervised Order-Graph Regularized Sparse Dictionary Learning. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2302-2315.	8.9	31
56	Negative Resistance Converter Traction Power System for Reducing Rail Potential and Stray Current in the Urban Rail Transit. <i>IEEE Transactions on Transportation Electrification</i> , 2021, 7, 225-239.	7.8	31
57	Dose evaluation of MRI-based synthetic CT generated using a machine learning method for prostate cancer radiotherapy. <i>Medical Dosimetry</i> , 2019, 44, e64-e70.	0.9	30
58	Multi-needle Localization with Attention U-Net in US-guided HDR Prostate Brachytherapy. <i>Medical Physics</i> , 2020, 47, 2735-2745.	3.0	30
59	Apparent diffusion coefficient value of gastric cancer by diffusion-weighted imaging: Correlations with the histological differentiation and Lauren classification. <i>European Journal of Radiology</i> , 2014, 83, 2122-2128.	2.6	29
60	Preoperative apparent diffusion coefficient value of gastric cancer by diffusion-weighted imaging: Correlations with postoperative TNM staging. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 837-843.	3.4	29
61	Head-and-neck organs-at-risk auto-delineation using dual pyramid networks for CBCT-guided adaptive radiotherapy. <i>Physics in Medicine and Biology</i> , 2021, 66, 045021.	3.0	29
62	Review of Machine Learning in Lung Ultrasound in COVID-19 Pandemic. <i>Journal of Imaging</i> , 2022, 8, 65.	3.0	29
63	Automated Skin Segmentation in Ultrasonic Evaluation of Skin Toxicity in Breast Cancer Radiotherapy. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 2166-2175.	1.5	27
64	Deformable MR-CBCT prostate registration using biomechanically constrained deep learning networks. <i>Medical Physics</i> , 2021, 48, 253-263.	3.0	27
65	Fully automated segmentation of brain tumor from multiparametric MRI using 3D context deep supervised U-Net. <i>Medical Physics</i> , 2021, 48, 4365-4374.	3.0	27
66	Intensity non-uniformity correction in MR imaging using residual cycle generative adversarial network. <i>Physics in Medicine and Biology</i> , 2020, 65, 215025.	3.0	27
67	Whole-lesion ADC histogram and texture analysis in predicting recurrence of cervical cancer treated with CCRT. <i>Oncotarget</i> , 2017, 8, 92442-92453.	1.8	26
68	Automatic 3D segmentation of ultrasound images using atlas registration and statistical texture prior. , 2011, 7964, .		25
69	Multiscale segmentation of the skull in MR images for MRI-based attenuation correction of combined MR/PET. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 1037-1045.	4.4	25
70	Predictive and prognostic value of intravoxel incoherent motion (IVIM) MR imaging in patients with advanced cervical cancers undergoing concurrent chemo-radiotherapy. <i>Scientific Reports</i> , 2017, 7, 11635.	3.3	25
71	3D non-rigid registration using surface and local salient features for transrectal ultrasound image-guided prostate biopsy. <i>Proceedings of SPIE</i> , 2011, 7964, 79642V.	0.8	24
72	Pseudo CT estimation from MRI using patch-based random forest. <i>Proceedings of SPIE</i> , 2017, 10133, .	0.8	24

#	ARTICLE	IF	CITATIONS
73	Automatic multi-catheter detection using deeply supervised convolutional neural network in MRI-guided HDR prostate brachytherapy. <i>Medical Physics</i> , 2020, 47, 4115-4124.	3.0	24
74	MRI-Based Proton Treatment Planning for Base of Skull Tumors. <i>International Journal of Particle Therapy</i> , 2019, 6, 12-25.	1.8	24
75	Ultrasound Elastography for Lung Disease Assessment. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 2249-2257.	3.0	23
76	Automated left ventricular myocardium segmentation using 3D deeply supervised attention U-Net for coronary computed tomography angiography; CT myocardium segmentation. <i>Medical Physics</i> , 2020, 47, 1775-1785.	3.0	23
77	Automatic segmentation and quantification of epicardial adipose tissue from coronary computed tomography angiography. <i>Physics in Medicine and Biology</i> , 2020, 65, 095012.	3.0	23
78	Deep learning-based image quality improvement for low-dose computed tomography simulation in radiation therapy. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	23
79	Nonrigid registration and classification of the kidneys in 3D dynamic contrast enhanced (DCE) MR images. <i>Proceedings of SPIE</i> , 2012, 8314, 83140B.	0.8	22
80	Ultrasound Histogram Assessment of Parotid Gland Injury Following Head-and-Neck Radiotherapy: A Feasibility Study. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1514-1521.	1.5	22
81	The Non-Gaussian Nature of Prostate Motion Based on Real-Time Intrafraction Tracking. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 363-369.	0.8	22
82	Correlation between apparent diffusion coefficients and HER2 status in gastric cancers: pilot study. <i>BMC Cancer</i> , 2015, 15, 749.	2.6	22
83	Early evaluation of irradiated parotid glands with intravoxel incoherent motion MR imaging: correlation with dynamic contrast-enhanced MR imaging. <i>BMC Cancer</i> , 2016, 16, 865.	2.6	22
84	An enhanced reverse blocking MMC with DC fault handling capability for HVDC applications. <i>Electric Power Systems Research</i> , 2018, 163, 706-714.	3.6	22
85	Machine Learning Assisted MRI Characterization for Diagnosis of Neonatal Acute Bilirubin Encephalopathy. <i>Frontiers in Neurology</i> , 2019, 10, 1018.	2.4	22
86	Automatic tissue classification for high-resolution breast CT images based on bilateral filtering. , 2011, 7962, 79623H.		21
87	Optimal virtual monoenergetic image in "TwinBeam"-dual-energy CT for organs-at-risk delineation based on contrast-to-noise ratio in head-and-neck radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 121-128.	1.9	21
88	Cone-beam CT-derived relative stopping power map generation via deep learning for proton radiotherapy. <i>Medical Physics</i> , 2020, 47, 4416-4427.	3.0	21
89	Automated delineation of head and neck organs at risk using synthetic MRI-aided mask scoring regional convolutional neural network. <i>Medical Physics</i> , 2021, 48, 5862-5873.	3.0	21
90	Deep learning-based real-time volumetric imaging for lung stereotactic body radiation therapy: a proof of concept study. <i>Physics in Medicine and Biology</i> , 2020, 65, 235003.	3.0	21

#	ARTICLE	IF	CITATIONS
91	Quantitative Ultrasonic Nakagami Imaging of Neck Fibrosis After Head and Neck Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2015, 92, 407-414.	0.8	20
92	Dosimetric study on learning-based cone-beam CT correction in adaptive radiation therapy. Medical Dosimetry, 2019, 44, e71-e79.	0.9	20
93	Multiparametric MRI-guided dose boost to dominant intraprostatic lesions in CT-based High-dose-rate prostate brachytherapy. British Journal of Radiology, 2019, 92, 20190089.	2.2	20
94	Automatic delineation of cardiac substructures using a region-based fully convolutional network. Medical Physics, 2021, 48, 2867-2876.	3.0	20
95	Pulmonary Enhancement Imaging with Dual Energy CT for the Detection of Pulmonary Embolism in a Rabbit Model. Academic Radiology, 2011, 18, 605-614.	2.5	19
96	3D segmentation of prostate ultrasound images using wavelet transform. Proceedings of SPIE, 2011, 7962, 79622K.	0.8	19
97	Ultrasonic Nakagami parameter characterization of parotid gland injury following head and neck radiotherapy: A feasibility study of late toxicity. Medical Physics, 2014, 41, 022903.	3.0	19
98	Prostate CT segmentation method based on nonrigid registration in ultrasound-guided CT-based HDR prostate brachytherapy. Medical Physics, 2014, 41, 111915.	3.0	19
99	Synthetic dual-energy CT for MRI-only based proton therapy treatment planning using label-GAN. Physics in Medicine and Biology, 2021, 66, 065014.	3.0	18
100	Automatic multi-needle localization in ultrasound images using large margin mask RCNN for ultrasound-guided prostate brachytherapy. Physics in Medicine and Biology, 2020, 65, 205003.	3.0	18
101	3D transrectal ultrasound (TRUS) prostate segmentation based on optimal feature learning framework. Proceedings of SPIE, 2016, 9784, .	0.8	17
102	Noninvasive evaluation of vaginal fibrosis following radiotherapy for gynecologic malignancies: A feasibility study with ultrasound B-mode and Nakagami parameter imaging. Medical Physics, 2013, 40, 022901.	3.0	16
103	Neurovascular bundle sparing radiotherapy for prostate cancer using MRI-CT registration: A dosimetric feasibility study. Medical Dosimetry, 2016, 41, 339-343.	0.9	16
104	Predicting and Early Monitoring Treatment Efficiency of Cervical Cancer Under Concurrent Chemoradiotherapy by Intravoxel Incoherent Motion Magnetic Resonance Imaging. Journal of Computer Assisted Tomography, 2017, 41, 422-429.	0.9	16
105	Surface thermochemical effects on TPS-coupled aerothermodynamics in hypersonic Martian gas flow. Acta Astronautica, 2018, 147, 445-453.	3.2	16
106	Early evaluation of radiation-induced parotid damage in patients with nasopharyngeal carcinoma by T2 mapping and mDIXON Quant imaging: initial findings. Radiation Oncology, 2018, 13, 22.	2.7	16
107	Virtual Impedance Sliding Mode Control-Based MMC Circulating Current Suppressing Strategy. IEEE Access, 2019, 7, 26229-26240.	4.2	16
108	Automated delineation of organs-at-risk in head and neck CT images using multi-output support vector regression. , 2018, , .		16

#	ARTICLE	IF	CITATIONS
109	Apparent diffusion coefficient histogram shape analysis for monitoring early response in patients with advanced cervical cancers undergoing concurrent chemo-radiotherapy. <i>Radiation Oncology</i> , 2016, 11, 141.	2.7	15
110	Histogram analysis of apparent diffusion coefficient for monitoring early response in patients with advanced cervical cancers undergoing concurrent chemo-radiotherapy. <i>Acta Radiologica</i> , 2017, 58, 1400-1408.	1.1	15
111	A planning study of focal dose escalations to multiparametric MRI-defined dominant intraprostatic lesions in prostate proton radiation therapy. <i>British Journal of Radiology</i> , 2020, 93, 20190845.	2.2	15
112	Artificial intelligence in tumor subregion analysis based on medical imaging: A review. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 10-26.	1.9	15
113	Magnetic resonance imaging-based pseudo computed tomography using anatomic signature and joint dictionary learning. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	15
114	Novel modular multilevel converter against DC faults for HVDC applications. <i>CSEE Journal of Power and Energy Systems</i> , 2017, 3, 140-149.	1.1	14
115	Numerical analysis of the aerothermodynamic behavior of a Hyperloop in choked flow. <i>Energy</i> , 2021, 237, 121427.	8.8	14
116	Dual-energy CT based mass density and relative stopping power estimation for proton therapy using physics-informed deep learning. <i>Physics in Medicine and Biology</i> , 2022, 67, 115010.	3.0	14
117	Comprehensive understanding of DC pole-to-pole fault and its protection for modular multilevel converters. <i>High Voltage</i> , 2018, 3, 246-254.	4.7	13
118	A preliminary study on a multiresolution-level inverse planning approach for Gamma Knife radiosurgery. <i>Medical Physics</i> , 2020, 47, 1523-1532.	3.0	13
119	A novel proton counting detector and method for the validation of tissue and implant material maps for Monte Carlo dose calculation. <i>Physics in Medicine and Biology</i> , 2021, 66, 045003.	3.0	13
120	Magnetic resonance imaging contrast enhancement synthesis using cascade networks with local supervision. <i>Medical Physics</i> , 2022, 49, 3278-3287.	3.0	13
121	Influence of Vascular Comorbidities and Race on Erectile Dysfunction after Prostate Cancer Radiotherapy. <i>Journal of Sexual Medicine</i> , 2013, 10, 2108-2114.	0.6	12
122	Diagnostic Accuracy of Ultrasonic Histogram Features to Evaluate Radiation Toxicity of the Parotid Glands. <i>Academic Radiology</i> , 2014, 21, 1304-1313.	2.5	12
123	Early Changes of Irradiated Parotid Glands Evaluated by T1rho-Weighted Imaging: A Pilot Study. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 472-476.	0.9	12
124	Learning-based dose prediction for pancreatic stereotactic body radiation therapy using dual pyramid adversarial network. <i>Physics in Medicine and Biology</i> , 2021, 66, 125019.	3.0	12
125	Automated prostate segmentation of volumetric CT images using 3D deeply supervised dilated FCN. , 2019, , .		12
126	Apparent diffusion coefficient histogram analysis can evaluate radiation-induced parotid damage and predict late xerostomia degree in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2017, 8, 70226-70238.	1.8	12

#	ARTICLE	IF	CITATIONS
127	Deep learning-based motion tracking using ultrasound images. <i>Medical Physics</i> , 2021, 48, 7747-7756.	3.0	12
128	Improved Phase Shift Control for SiC-MOSFET Based Resonant Switched-Capacitor Converter with Parasitics Consideration. <i>IEEE Transactions on Industry Applications</i> , 2020, , 1-1.	4.9	11
129	Male pelvic multi-organ segmentation on transrectal ultrasound using anchor-free mask CNN. <i>Medical Physics</i> , 2021, 48, 3055-3064.	3.0	11
130	On the Conditioning of Spectral Channelization (Energy Binning) and Its Impact on Multi-Material Decomposition Based Spectral Imaging in Photon-Counting CT. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2678-2688.	4.2	11
131	Synthetic CT-aided MRI-CT image registration for head and neck radiotherapy. , 2020, , .		11
132	Multi-organ auto-delineation in head-and-neck MRI for radiation therapy using regional convolutional neural network. <i>Physics in Medicine and Biology</i> , 2022, 67, 025006.	3.0	11
133	Reverse-blocking modular multilevel converter for battery energy storage systems. <i>Journal of Modern Power Systems and Clean Energy</i> , 2017, 5, 652-662.	5.4	10
134	A PET/CT Directed, 3D Ultrasound-Guided Biopsy System for Prostate Cancer. <i>Lecture Notes in Computer Science</i> , 2011, 6363, 100-108.	1.3	10
135	Prostate and dominant intraprostatic lesion segmentation on PET/CT using cascaded regional-net. <i>Physics in Medicine and Biology</i> , 2021, 66, 245006.	3.0	10
136	A skull segmentation method for brain MR images based on multiscale bilateral filtering scheme. <i>Proceedings of SPIE</i> , 2010, , .	0.8	9
137	Reverse blocking sub-module based modular multilevel converter with DC fault ride-through capability. , 2016, , .		9
138	Ultrasonic histogram assessment of early response to concurrent chemo-radiotherapy in patients with locally advanced cervical cancer: a feasibility study. <i>Clinical Imaging</i> , 2018, 49, 144-149.	1.5	9
139	A Passive Soft-Switching Snubber With Energy Active Recovery Circuit for PWM Inverters. <i>IEEE Access</i> , 2020, 8, 100031-100043.	4.2	9
140	Principal Component Analysis in Projection and Image Domains—Another Form of Spectral Imaging in Photon-Counting CT. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1074-1083.	4.2	9
141	Male pelvic CT multi-organ segmentation using synthetic MRI-aided dual pyramid networks. <i>Physics in Medicine and Biology</i> , 2021, 66, 085007.	3.0	9
142	Echocardiographic image multi-structure segmentation using CardiacSegNet. <i>Medical Physics</i> , 2021, 48, 2426-2437.	3.0	9
143	Head and neck multi-organ segmentation on dual-energy CT using dual pyramid convolutional neural networks. <i>Physics in Medicine and Biology</i> , 2021, 66, 115008.	3.0	9
144	Improved prostate delineation in prostate HDR brachytherapy with TRUS-CT deformable registration technology: A pilot study with MRI validation. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 202-210.	1.9	9

#	ARTICLE	IF	CITATIONS
145	4D-CT Deformable Image Registration Using an Unsupervised Deep Convolutional Neural Network. Lecture Notes in Computer Science, 2019, , 26-33.	1.3	9
146	Improving image quality of cone-beam CT using alternating regression forest. , 2018, 10573, .		9
147	Deep learning-based thoracic CBCT correction with histogram matching. Biomedical Physics and Engineering Express, 2021, 7, 065040.	1.2	9
148	Learning-based synthetic dual energy CT imaging from single energy CT for stopping power ratio calculation in proton radiation therapy. British Journal of Radiology, 2022, 95, 20210644.	2.2	9
149	Onboard cone-beam CT-based replan evaluation for head and neck proton therapy. Journal of Applied Clinical Medical Physics, 2022, 23, e13550.	1.9	9
150	Mutual enhancing learning-based automatic segmentation of CT cardiac substructure. Physics in Medicine and Biology, 2022, 67, 105008.	3.0	9
151	An MRI-based attenuation correction method for combined PET/MRI applications. , 2009, 7262, .		8
152	Respiratory-Induced Prostate Motion Using Wavelet Decomposition of the Real-Time Electromagnetic Tracking Signal. International Journal of Radiation Oncology Biology Physics, 2013, 87, 370-374.	0.8	8
153	Super Capacitor Energy Storage Based MMC for Energy Harvesting in Mine Hoist Application. Energies, 2017, 10, 1428.	3.1	8
154	Revealing hemodynamic heterogeneity of gliomas based on signal profile features of dynamic susceptibility contrast-enhanced MRI. NeuroImage: Clinical, 2019, 23, 101864.	2.7	8
155	High through-plane resolution CT imaging with self-supervised deep learning. Physics in Medicine and Biology, 2021, 66, 145013.	3.0	8
156	MRI-based synthetic CT generation using deep convolutional neural network. , 2019, , .		8
157	Synthetic CT-aided multiorgan segmentation for CBCT-guided adaptive pancreatic radiotherapy. Medical Physics, 2021, 48, 7063-7073.	3.0	8
158	Automated coronary artery segmentation in Coronary Computed Tomography Angiography (CCTA) using deep learning neural networks. , 2020, , .		8
159	Ultrasound 2D strain estimator based on image registration for ultrasound elastography. Proceedings of SPIE, 2014, 9040, .	0.8	7
160	Strain elastography imaging for early detection and prediction of tumor response to concurrent chemo-radiotherapy in locally advanced cervical cancer: feasibility study. BMC Cancer, 2017, 17, 427.	2.6	7
161	Ultrasound 2D strain measurement for arm lymphedema using deformable registration: A feasibility study. PLoS ONE, 2017, 12, e0181250.	2.5	7
162	Surface Chemical Effects on Hypersonic Nonequilibrium Aeroheating in Dissociated Carbon-Oxygen Mixture. Journal of Spacecraft and Rockets, 2018, 55, 687-697.	1.9	7

#	ARTICLE	IF	CITATIONS
163	Early evaluation of radiation-induced parotid damage with diffusion kurtosis imaging: a preliminary study. <i>Acta Radiologica</i> , 2018, 59, 212-220.	1.1	7
164	Backflow Power Optimization of DAB with Gradient Descent Algorithm Based Extended-Phase-Shift Control in EER Application. , 2019, , .		7
165	Impact of Regional Nodal Irradiation and Hypofractionated Whole-Breast Radiation on Long-Term Breast Retraction and Poor Cosmetic Outcome in Breast Cancer Survivors. <i>Clinical Breast Cancer</i> , 2020, 20, e75-e81.	2.4	7
166	Dynamic Changes of Brain Networks during Working Memory Tasks in Schizophrenia. <i>Neuroscience</i> , 2021, 453, 187-205.	2.3	7
167	Self-supervised learning for accelerated 3D high-resolution ultrasound imaging. <i>Medical Physics</i> , 2021, 48, 3916-3926.	3.0	7
168	Lung tumor segmentation in 4D CT images using motion convolutional neural networks. <i>Medical Physics</i> , 2021, 48, 7141-7153.	3.0	7
169	CBCT-Based Synthetic MRI Generation for CBCT-Guided Adaptive Radiotherapy. <i>Lecture Notes in Computer Science</i> , 2019, , 154-161.	1.3	7
170	Automatic MRI prostate segmentation using 3D deeply supervised FCN with concatenated atrous convolution. , 2019, , .		7
171	Deep attentional GAN-based high-resolution ultrasound imaging. , 2020, , .		7
172	MRI-based prostate and dominant lesion segmentation using cascaded scoring convolutional neural network. <i>Medical Physics</i> , 2022, 49, 5216-5224.	3.0	7
173	The Impact of Axillary Lymph Node Surgery on Breast Skin Thickening During and After Radiation Therapy for Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 590-596.	0.8	6
174	Pseudo CT Estimation using Patch-based Joint Dictionary Learning. , 2018, 2018, 5150-5153.		6
175	Content-oriented sparse representation (COSR) for CT denoising with preservation of texture and edge. <i>Medical Physics</i> , 2018, 45, 4942-4954.	3.0	6
176	Strain elastography as an early predictor of long-term prognosis in patients with locally advanced cervical cancers treated with concurrent chemoradiotherapy. <i>European Radiology</i> , 2020, 30, 471-481.	4.5	6
177	Automatic quantification of myocardium and pericardial fat from coronary computed tomography angiography: a multicenter study. <i>European Radiology</i> , 2021, 31, 3826-3836.	4.5	6
178	Image quality improvement in cone-beam CT using deep learning. , 2019, , .		6
179	Optimization of basis material selection and energy binning in three material decomposition for spectral imaging without contrast agents in photon-counting CT. , 2020, , .		6
180	A MR Brain Classification Method Based on Multiscale and Multiblock Fuzzy C-Means. , 2011, , 1-4.		5

#	ARTICLE	IF	CITATIONS
181	Multi-atlas-based segmentation of the parotid glands of MR images in patients following head-and-neck cancer radiotherapy. Proceedings of SPIE, 2013, 8670, .	0.8	5
182	A MR-TRUS registration method for ultrasound-guided prostate interventions. Proceedings of SPIE, 2015, 9415, .	0.8	5
183	Improved Modular Multilevel Converter with Symmetrical Integrated Super Capacitor Energy Storage System for Electrical Energy Router Application. , 2019, , .		5
184	Recognizing Image Semantic Information Through Multi-Feature Fusion and SSAE-Based Deep Network. Journal of Medical Systems, 2020, 44, 46.	3.6	5
185	Learning-Based Stopping Power Mapping on Dual-Energy CT for Proton Radiation Therapy. International Journal of Particle Therapy, 2021, 7, 46-60.	1.8	5
186	RAHC_GAN: A Data Augmentation Method for Tomato Leaf Disease Recognition. Symmetry, 2021, 13, 1597.	2.2	5
187	High quality proton portal imaging using deep learning for proton radiation therapy: a phantom study. Biomedical Physics and Engineering Express, 2020, 6, 035029.	1.2	5
188	Ultrasound prostate segmentation based on 3D V-Net with deep supervision. , 2019, , .		5
189	Deep learning-based breast tumor detection and segmentation in 3D ultrasound image. , 2020, , .		5
190	Organ-at-Risk (OAR) segmentation in head and neck CT using U-RCNN. , 2020, , .		5
191	Dosimetric Uncertainties in Dominant Intraprostatic Lesion Simultaneous Boost Using Intensity Modulated Proton Therapy. Advances in Radiation Oncology, 2022, 7, 100826.	1.2	5
192	Synthesizing high-resolution magnetic resonance imaging using parallel cycle-consistent generative adversarial networks for fast magnetic resonance imaging. Medical Physics, 2022, 49, 357-369.	3.0	5
193	Cascaded mutual enhancing networks for brain tumor subregion segmentation in multiparametric MRI. Physics in Medicine and Biology, 2022, 67, 085015.	3.0	5
194	CVT-Vnet: convolutional-transformer model for head and neck multi-organ segmentation. , 2022, , .		5
195	A new CT prostate segmentation for CT-based HDR brachytherapy. , 2014, 9036, 90362K.		4
196	A Novel Ultrasound-CT Deformable Registration Process Improves Physician Contouring during CT-based HDR Brachytherapy for Prostate Cancer. Brachytherapy, 2014, 13, S67-S68.	0.5	4
197	A patch-based CBCT scatter artifact correction using prior CT. Proceedings of SPIE, 2017, 10132, .	0.8	4
198	Analysis and Control of Improved MMC With Symmetrical Super Capacitor Energy Storage System in EER Application. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
199	Operation and Control of a Seven-Level V-Clamp Multilevel Converter. <i>Energies</i> , 2019, 12, 4761.	3.1	4
200	Implementation of a Knowledge-Based Treatment Planning Model for Cardiac-Sparing Lung Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2021, 6, 100745.	1.2	4
201	Artificial Intelligence in Radiation Therapy. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022, 6, 158-181.	3.7	4
202	WE-C-BRA-10: Ultrasound Nakagami Imaging for Noninvasive Evaluation of Vaginal Fibrosis Following Radiotherapy for Gynecologic Malignancies. <i>Medical Physics</i> , 2012, 39, 3948-3949.	3.0	4
203	High-resolution CT image retrieval using sparse convolutional neural network. , 2018, 10573, .		4
204	Longitudinal Changes in U.S. Parameters of Neurovascular Bundles Suggest Mechanism for Radiation-Induced Erectile Dysfunction. <i>Advances in Radiation Oncology</i> , 2022, 7, 100946.	1.2	4
205	Patch-based label fusion for automatic multi-atlas-based prostate segmentation in MR images. <i>Proceedings of SPIE</i> , 2016, 9786, .	0.8	3
206	Three-dimensional power Doppler ultrasound in the early assessment of response to concurrent chemo-radiotherapy for advanced cervical cancer. <i>Acta Radiologica</i> , 2017, 58, 1147-1154.	1.1	3
207	Full axillary lymph node dissection and increased breast epidermal thickness 1 year after radiation therapy for breast cancer. <i>Journal of Surgical Oncology</i> , 2019, 120, 1397-1403.	1.7	3
208	Analytical Low-Dose CBCT Reconstruction Using Non-local Total Variation Regularization for Image Guided Radiation Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 242.	2.8	3
209	Thyroid gland delineation in noncontrast-enhanced CTs using deep convolutional neural networks. <i>Physics in Medicine and Biology</i> , 2021, 66, 055007.	3.0	3
210	Prostate and tumor segmentation on PET/CT using Dual Mask R-CNN. , 2021, , .		3
211	Catheter position prediction using deep learning-based multi-atlas registration for high-dose rate prostate brachytherapy. <i>Medical Physics</i> , 2021, 48, 7261-7270.	3.0	3
212	PET attenuation correction (AC) using non-AC PET-based synthetic CT. , 2020, , .		3
213	Automatic detection of brain metastases using 3D mask R-CNN for stereotactic radiosurgery. , 2020, , .		3
214	Mask R-CNN based coronary artery segmentation in coronary computed tomography angiography. , 2020, , .		3
215	TH-C-217BCD-05: Ultrasound Nakagami Imaging to Assess Breast Fibrosis Following Breast-Cancer Radiotherapy. <i>Medical Physics</i> , 2012, 39, 4004-4004.	3.0	3
216	A denoising algorithm for CT image using low-rank sparse coding. , 2018, 10574, .		3

#	ARTICLE	IF	CITATIONS
217	Multi-organ segmentation in head and neck MRI using U-Faster-RCNN. , 2020, , .		3
218	Weakly supervised multi-needle detection in 3D ultrasound images with bidirectional convolutional sparse coding. , 2020, , .		3
219	Wavelet-based protoacoustic signal denoising for proton range verification. , 2020, , .		3
220	Liver motion tracking in ultrasound images using attention guided mask R-CNN with long-short-term-memory network. , 2022, , .		3
221	An unsupervised patient-specific metal artifact reduction framework for proton therapy. , 2022, , .		3
222	Generative adversarial networks for medical image synthesis. , 2022, , 105-128.		3
223	A MRI-CT prostate registration using sparse representation technique. , 2016, , .		2
224	Solutions to ramp-hold dynamic oscillation indentation tests for assessing the viscoelasticity of hydrogel by Kelvin-Voigt fractional derivative modeling. Mechanics of Materials, 2020, 148, 103431.	3.2	2
225	Mask R-CNN-based tumor localization and segmentation in 4D Lung CT. , 2021, , .		2
226	Artificial Intelligence in Quantitative Ultrasound Imaging. Journal of Ultrasound in Medicine, 2021, , .	1.7	2
227	Low dose PET imaging with CT-aided cycle-consistent adversarial networks. , 2020, , .		2
228	Multi-modality MRI arbitrary transformation using unified generative adversarial networks. , 2020, , .		2
229	Machine-learning based classification of glioblastoma using dynamic susceptibility enhanced MR image. , 2019, , .		2
230	Automatic multi-organ segmentation in thorax CT images using U-Net-GAN. , 2019, , .		2
231	Weekly supervised convolutional long short-term memory neural networks for MR-TRUS registration. , 2020, , .		2
232	Multiparametric MRI-guided high-dose-rate prostate brachytherapy with focal dose boost to dominant intraprostatic lesions. , 2020, , .		2
233	Multi-needle detection in 3D ultrasound images with sparse dictionary learning. , 2020, , .		2
234	Automatic inverse treatment planning of Gamma Knife radiosurgery via deep reinforcement learning. Medical Physics, 2022, 49, 2877-2889.	3.0	2

#	ARTICLE	IF	CITATIONS
235	Automated CT segmentation for rapid assessment of anatomical variations in head-and-neck radiation therapy. , 2022, , .		2
236	The viscoelastic characteristics of in-vitro carotid plaque by Kelvin-Voigt fractional derivative modeling. Journal of Biomechanics, 2022, 141, 111210.	2.1	2
237	3D ultrasound Nakagami imaging for radiation-induced vaginal fibrosis. Proceedings of SPIE, 2014, 9040, .	0.8	1
238	A 3D neurovascular bundles segmentation method based on MR-TRUS deformable registration. , 2015, 9413, .		1
239	Image-based metal artifact reduction in x-ray computed tomography utilizing local anatomical similarity. , 2017, 10132, .		1
240	Computation Methods for Biomedical Information Analysis. Journal of Healthcare Engineering, 2018, 2018, 1-2.	1.9	1
241	Analysis of Hybrid SiC IGBT Based Resonant Switched Capacitor Converter with Circuit Parasitics Consideration. , 2019, , .		1
242	A Multi-feature Fusion and SSAE-Based Deep Network for Image Semantic Recognition. , 2019, , .		1
243	Statistical and Texture Descriptors of Symptomatic Plantar Fasciitis Using Ultrasound Shear Wave Elastography. IEEE Access, 2020, 8, 120146-120159.	4.2	1
244	MRI classification using semantic random forest with auto-context model. Quantitative Imaging in Medicine and Surgery, 2021, 11, 4753-4766.	2.0	1
245	Radiation dose prediction for pancreatic stereotactic body radiotherapy via convention neural networks. , 2021, , .		1
246	Multi-organ segmentation of male pelvic CT using dual attention networks. , 2021, , .		1
247	Performance Evaluations of DCAT Position for the Floating DCAT System in DC Railways. Lecture Notes in Electrical Engineering, 2020, , 557-567.	0.4	1
248	Learning-based automatic segmentation on arteriovenous malformations from contract-enhanced CT images. , 2019, , .		1
249	Machine-learning-based classification of Glioblastoma using MRI-based radiomic features. , 2019, , .		1
250	3D thyroid segmentation in CT using self-attention convolutional neural network. , 2020, , .		1
251	WE-E-134-03: Ultrasonic Tissue Characterization of Parotid-Gland Injury Following Head-And-Neck Radiotherapy Using Nakagami-Parameter Imaging: A Feasibility Study. Medical Physics, 2013, 40, 495-495.	3.0	1
252	Breast cancer patient reported outcomes, depression, and objective measures of breast cosmesis.. Journal of Clinical Oncology, 2020, 38, 569-569.	1.6	1

#	ARTICLE	IF	CITATIONS
253	Face Recognition Algorithm Based on Weighted Intensity PCNN. , 2020, , .		1
254	Classification of lesion specific myocardial ischemia using cardiac computed tomography radiomics. , 2020, , .		1
255	Attenuation correction for PET/MRI using MRI-based pseudo CT. , 2020, , .		1
256	Deep learning-based low dose CT imaging. , 2020, , .		1
257	Benign and malignant thyroid classification using computed tomography radiomics. , 2020, , .		1
258	Automatic breast ultrasound tumor segmentation via one-stage hierarchical target activation network. , 2022, , .		1
259	Male pelvic multi-organ segmentation using V-transformer network. , 2022, , .		1
260	Deep-learning-based extraprostatic nodal lesion segmentation on 18F-fluciclovine PET. , 2022, , .		1
261	Using a neural network to enhance dual-energy computed tomography parametric mapping for proton therapy. , 2022, , .		1
262	Cross-domain unsupervised pedestrian re-identification based on multi-view decomposition. Multimedia Tools and Applications, 2022, 81, 39387-39408.	3.9	1
263	Heart rate measurement based on face video sequence. , 2015, , .		0
264	High-resolution, ultrasound-guided, high-dose-rate, surface brachytherapy for basal cell carcinoma of the skin: A case report. Advances in Radiation Oncology, 2018, 3, 591-594.	1.2	0
265	TH-C-217BCD-02: Ultrasound Texture Analysis of Radiation-Induced Parotid-Gland Injury in Post-Radiotherapy Head-And-Neck Patients: Feasibility Study. Medical Physics, 2012, 39, 4003-4003.	3.0	0
266	WE-C-WAB-11: Improved the Accuracy of Prostate Delineation for Ultrasound-Guided CT-Based Treatment Planning in Prostate HDR Brachytherapy: A Pilot Study with MRI Validation. Medical Physics, 2013, 40, 480-480.	3.0	0
267	WE-C-116-04: Development of Automatic Segmentation Algorithm to Assess Parotid-Gland Volume Changes Following Radiotherapy for Head-And-Neck Malignancies: A Longitudinal Study. Medical Physics, 2013, 40, 484-484.	3.0	0
268	TU-A-WAB-04: A Prospective Longitudinal Study with Ultrasound Nakagami Imaging to Evaluate the Relationship Between Acute and Late Normal-Tissue Toxicity in Breast-Cancer Radiotherapy. Medical Physics, 2013, 40, 423-423.	3.0	0
269	Perceived stress to predict for acute radiation-induced skin toxicity: The mind-body connection.. Journal of Clinical Oncology, 2013, 31, 62-62.	1.6	0
270	Neurovascular bundle-sparing radiotherapy for prostate cancer using MRI-CT registration: A dosimetric feasibility study.. Journal of Clinical Oncology, 2016, 34, 128-128.	1.6	0

#	ARTICLE	IF	CITATIONS
271	MRI-based pseudo CT generation using classification and regression random forest. , 2019, , .		0
272	Brain MRI classification based on machine learning framework with auto-context model. , 2019, , .		0
273	Spot decomposition in a novel pencil beam scanning proton computed tomography. , 2019, , .		0
274	A learning-based automatic segmentation method on left ventricle in SPECT imaging. , 2019, , .		0
275	Negative Impedance Converter for Reducing Rail Potential in Urban Rail Transit. Lecture Notes in Electrical Engineering, 2020, , 569-577.	0.4	0
276	Deep learning-based relative stopping power mapping generation with cone-beam CT in proton radiation therapy. , 2020, , .		0
277	CT-based pancreatic multi-organ segmentation by a 3D deep attention U-net network. , 2020, , .		0
278	Stopping power map estimation from dual-energy CT using deep convolutional neural network. , 2020, , .		0
279	Automatic brain arteriovenous malformations segmentation on contrast CT images using combined region proposal network and V-Net. , 2020, , .		0
280	Machine learning for tracking planned versus delivered dose in pancreas SBRT.. Journal of Clinical Oncology, 2022, 40, 561-561.	1.6	0
281	Artificial intelligence in imaging of coronary artery disease: current applications and future perspective. Chinese Journal of Academic Radiology, 2022, 5, 10-19.	0.6	0
282	Brain multi-parametric MRI tumor subregion segmentation via hierarchical substructural activation network. , 2022, , .		0
283	Deep-learning-based modulated radiotherapy dose plan prediction with integration of non-modulated dose distribution. , 2022, , .		0
284	Longitudinal deformable MRI registration via dual-feasible deep learning-based framework. , 2022, , .		0
285	Deep-learning-based markerless tumor localization using 2D KV/MV image. , 2022, , .		0
286	Neurovascular bundles segmentation on MRI via hierarchical object activation network. , 2022, , .		0
287	Fast 3D imaging via deep learning for deep inspiration breath-hold lung radiotherapy. , 2022, , .		0
288	A deep learning approach to transform two orthogonal X-ray images to volumetric images for image-guided proton therapy. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
289	Deformable histopathology-MRI image registration using deep learning. , 2022, , .		0
290	Deep learning-based contrast-enhanced MRI using cascade networks with local supervision. , 2022, , .		0
291	Echocardiographic image segmentation using mutual boosting network. , 2022, , .		0
292	CT-based volumetric strain imaging via a deep learning registration framework. , 2022, , .		0
293	Deep learning based volume-to-slice MRI registration via intentional overfitting. , 2022, , .		0
294	Using orthogonal 2D kV images for target localization via central matching networks. , 2022, , .		0
295	CBCT lung multi-OAR segmentation via hierarchical network. , 2022, , .		0
296	High-resolution MR imaging using self-supervised parallel network. , 2022, , .		0
297	Deep learning-based longitudinal CT registration for anatomy variation assessment during radiotherapy. , 2022, , .		0