

Bulat Ibragimov

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,166
citations

279701

23
h-index

395590

33
g-index

37
all docs

37
docs citations

37
times ranked

2628
citing authors

#	ARTICLE	IF	CITATIONS
1	Spinopelvic measurements of sagittal balance with deep learning: systematic review and critical evaluation. <i>European Spine Journal</i> , 2022, 31, 2031-2045.	1.0	9
2	AI-based analysis of radiologists' eye movements for fatigue estimation: a pilot study on chest X-rays. , 2022, , .		1
3	Multi-landmark environment analysis with reinforcement learning for pelvic abnormality detection and quantification. <i>Medical Image Analysis</i> , 2022, 78, 102417.	7.0	6
4	Segmentation of Organs-At-Risk from Ct and Mr Images of the Head and Neck: Baseline Results. , 2022, , .		0
5	A deep learning framework for vertebral morphometry and Cobb angle measurement with external validation. <i>European Spine Journal</i> , 2022, 31, 2115-2124.	1.0	7
6	Artificial Intelligence for the Analysis of Workload-Related Changes in Radiologists' Gaze Patterns. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 4541-4550.	3.9	6
7	Deep Learning for Diagnosis and Segmentation of Pneumothorax: The Results on the Kaggle Competition and Validation Against Radiologists. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1660-1672.	3.9	31
8	Adversarial Reconstruction Loss for Domain Generalization. <i>IEEE Access</i> , 2021, 9, 42424-42437.	2.6	5
9	Mutual-Prototype Adaptation for Cross-Domain Polyp Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 3886-3897.	3.9	17
10	Developing and validating COVID-19 adverse outcome risk prediction models from a bi-national European cohort of 5594 patients. <i>Scientific Reports</i> , 2021, 11, 3246.	1.6	62
11	Automated hepatobiliary toxicity prediction after liver stereotactic body radiation therapy with deep learning-based portal vein segmentation. <i>Neurocomputing</i> , 2020, 392, 181-188.	3.5	6
12	Densely Connected Neural Network With Unbalanced Discriminant and Category Sensitive Constraints for Polyp Recognition. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020, 17, 574-583.	3.4	26
13	Low dose 4D-CT super-resolution reconstruction via inter-plane motion estimation based on optical flow. <i>Biomedical Signal Processing and Control</i> , 2020, 62, 102085.	3.5	3
14	Deep learning for identification of critical regions associated with toxicities after liver stereotactic body radiation therapy. <i>Medical Physics</i> , 2020, 47, 3721-3731.	1.6	22
15	Auto-segmentation of organs at risk for head and neck radiotherapy planning: From atlas-based to deep learning methods. <i>Medical Physics</i> , 2020, 47, e929-e950.	1.6	85
16	Contour-aware multi-label chest X-ray organ segmentation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 425-436.	1.7	33
17	Extracting clinical information from chest x-ray reports: A case study for Russian language. , 2020, , .		1
18	Neural Networks for Deep Radiotherapy Dose Analysis and Prediction of Liver SBRT Outcomes. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 1821-1833.	3.9	25

#	ARTICLE	IF	CITATIONS
19	Prostate cancer classification with multiparametric MRI transfer learning model. Medical Physics, 2019, 46, 756-765.	1.6	98
20	Strategies for prediction and mitigation of radiation-induced liver toxicity. Journal of Radiation Research, 2018, 59, i40-i49.	0.8	33
21	Segmentation of parotid glands from registered CT and MR images. Physica Medica, 2018, 52, 33-41.	0.4	33
22	Learning deconvolutional deep neural network for high resolution medical image reconstruction. Information Sciences, 2018, 468, 142-154.	4.0	58
23	Development of deep neural network for individualized hepatobiliary toxicity prediction after liver <sc>SBRT</sc>. Medical Physics, 2018, 45, 4763-4774.	1.6	103
24	Fully automated quantitative cephalometry using convolutional neural networks. Journal of Medical Imaging, 2017, 4, 014501.	0.8	168
25	Segmentation of Pathological Structures by Landmark-Assisted Deformable Models. IEEE Transactions on Medical Imaging, 2017, 36, 1457-1469.	5.4	40
26	Segmentation of organs at risks in head and neck <sc>CT</sc> images using convolutional neural networks. Medical Physics, 2017, 44, 547-557.	1.6	398
27	Augmenting atlas-based liver segmentation for radiotherapy treatment planning by incorporating image features proximal to the atlas contours. Physics in Medicine and Biology, 2017, 62, 272-288.	1.6	20
28	Combining deep learning with anatomical analysis for segmentation of the portal vein for liver SBRT planning. Physics in Medicine and Biology, 2017, 62, 8943-8958.	1.6	65
29	Evaluation and comparison of 3D intervertebral disc localization and segmentation methods for 3D T2 MR data: A grand challenge. Medical Image Analysis, 2017, 35, 327-344.	7.0	59
30	A benchmark for comparison of dental radiography analysis algorithms. Medical Image Analysis, 2016, 31, 63-76.	7.0	229
31	A multi-center milestone study of clinical vertebral CT segmentation. Computerized Medical Imaging and Graphics, 2016, 49, 16-28.	3.5	104
32	Accurate landmark-based segmentation by incorporating landmark misdetections. , 2016, , .		16
33	Segmentation of tongue muscles from super-resolution magnetic resonance images. Medical Image Analysis, 2015, 20, 198-207.	7.0	32
34	A Framework for Automated Spine and Vertebrae Interpolation-Based Detection and Model-Based Segmentation. IEEE Transactions on Medical Imaging, 2015, 34, 1649-1662.	5.4	97
35	Evaluation and Comparison of Anatomical Landmark Detection Methods for Cephalometric X-Ray Images: A Grand Challenge. IEEE Transactions on Medical Imaging, 2015, 34, 1890-1900.	5.4	135
36	Shape Representation for Efficient Landmark-Based Segmentation in 3-D. IEEE Transactions on Medical Imaging, 2014, 33, 861-874.	5.4	84

#	ARTICLE	IF	CITATIONS
37	A Game-Theoretic Framework for Landmark-Based Image Segmentation. IEEE Transactions on Medical Imaging, 2012, 31, 1761-1776.	5.4	49