

Giles Tetteh

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,030
citations

687363

13
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1395
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic opportunistic osteoporosis screening in routine CT: improved prediction of patients with prevalent vertebral fractures compared to DXA. <i>European Radiology</i> , 2021, 31, 6069-6077.	4.5	50
2	VerSe: A Vertebrae labelling and segmentation benchmark for multi-detector CT images. <i>Medical Image Analysis</i> , 2021, 73, 102166.	11.6	112
3	A computed tomography vertebral segmentation dataset with anatomical variations and multi-vendor scanner data. <i>Scientific Data</i> , 2021, 8, 284.	5.3	22
4	Deep neural network for automatic characterization of lesions on ⁶⁸ Ga-PSMA-11 PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 603-613.	6.4	66
5	DeepVesselNet: Vessel Segmentation, Centerline Prediction, and Bifurcation Detection in 3-D Angiographic Volumes. <i>Frontiers in Neuroscience</i> , 2020, 14, 592352.	2.8	83
6	Machine learning analysis of whole mouse brain vasculature. <i>Nature Methods</i> , 2020, 17, 442-449.	19.0	203
7	BraTS Toolkit: Translating BraTS Brain Tumor Segmentation Algorithms Into Clinical and Scientific Practice. <i>Frontiers in Neuroscience</i> , 2020, 14, 125.	2.8	50
8	A Distance-Based Loss for Smooth and Continuous Skin Layer Segmentation in Optoacoustic Images. <i>Lecture Notes in Computer Science</i> , 2020, , 309-319.	1.3	5
9	Deep Neural Network for Automatic Characterization of Lesions on ⁶⁸ Ga-PSMA PET/CT Images. , 2019, 2019, 951-954.		7
10	qPSMA: Semiautomatic Software for Whole-Body Tumor Burden Assessment in Prostate Cancer Using ⁶⁸ Ga-PSMA11 PET/CT. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1277-1283.	5.0	82
11	Knowledge-Aided Convolutional Neural Network for Small Organ Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 1363-1373.	6.3	159
12	Automatic Multi-Atlas Segmentation for Abdominal Images Using Template Construction and Robust Principal Component Analysis. , 2018, , .		1
13	Direct Estimation of Pharmacokinetic Parameters from DCE-MRI Using Deep CNN with Forward Physical Model Loss. <i>Lecture Notes in Computer Science</i> , 2018, , 39-47.	1.3	16
14	Automated Whole-Body Bone Lesion Detection for Multiple Myeloma on ⁶⁸ Ga-Pentixafor PET/CT Imaging Using Deep Learning Methods. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-11.	0.8	93
15	DeepASL: Kinetic Model Incorporated Loss for Denoising Arterial Spin Labeled MRI via Deep Residual Learning. <i>Lecture Notes in Computer Science</i> , 2018, , 30-38.	1.3	16
16	Btrfly Net: Vertebrae Labelling with Energy-Based Adversarial Learning of Local Spine Prior. <i>Lecture Notes in Computer Science</i> , 2018, , 649-657.	1.3	37
17	Multi-modal Image Classification Using Low-Dimensional Texture Features for Genomic Brain Tumor Recognition. <i>Lecture Notes in Computer Science</i> , 2017, , 201-209.	1.3	6
18	Deep-FExt: Deep Feature Extraction for Vessel Segmentation and Centerline Prediction. <i>Lecture Notes in Computer Science</i> , 2017, , 344-352.	1.3	11

#	ARTICLE	IF	CITATIONS
19	W-Net for Whole-Body Bone Lesion Detection on ^{68}Ga -Pentixafor PET/CT Imaging of Multiple Myeloma Patients. Lecture Notes in Computer Science, 2017, , 23-30.	1.3	2