

Luyao Shi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

291
citations

1163117

8
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation of quantitative accuracy for deep learning based denoising in oncological PET. Physics in Medicine and Biology, 2019, 64, 165019.	3.0	90
2	Deep learning-based attenuation map generation for myocardial perfusion SPECT. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2383-2395.	6.4	75
3	CT-free attenuation correction for dedicated cardiac SPECT using a 3D dual squeeze-and-excitation residual dense network. Journal of Nuclear Cardiology, 2022, 29, 2235-2250.	2.1	29
4	Direct and indirect strategies of deep-learning-based attenuation correction for general purpose and dedicated cardiac SPECT. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3046-3060.	6.4	22
5	Automatic Inter-Frame Patient Motion Correction for Dynamic Cardiac PET Using Deep Learning. IEEE Transactions on Medical Imaging, 2021, 40, 3293-3304.	8.9	18
6	A Novel Loss Function Incorporating Imaging Acquisition Physics for PET Attenuation Map Generation Using Deep Learning. Lecture Notes in Computer Science, 2019, , 723-731.	1.3	18
7	Post-reconstruction attenuation correction for SPECT myocardium perfusion imaging facilitated by deep learning-based attenuation map generation. Journal of Nuclear Cardiology, 2022, 29, 2881-2892.	2.1	13
8	Direct image-based attenuation correction using conditional generative adversarial network for SPECT myocardial perfusion imaging. , 2021, 11600, .		10
9	Deep learning-based attenuation correction for whole-body PET – a multi-tracer study with 18F-FDG, 68Ga-DOTATATE, and 18F-Fluciclovine. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3086-3097.	6.4	8
10	Direct List Mode Parametric Reconstruction for Dynamic Cardiac SPECT. IEEE Transactions on Medical Imaging, 2020, 39, 119-128.	8.9	7
11	GPU-based List-mode Direct Parametric Reconstruction for Dynamic Cardiac SPECT. , 2017, , .		1
12	Data Management and Network Architecture Effect on Performance Variability in Direct Attenuation Correction via Deep Learning for Cardiac SPECT: A Feasibility Study. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 755-765.	3.7	0