

Yiming Wan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

486
citations

933447

10
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

654
citing authors

#	ARTICLE	IF	CITATIONS
1	PET image denoising using unsupervised deep learning. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2780-2789.	6.4	157
2	Rapid image deconvolution and multiview fusion for optical microscopy. <i>Nature Biotechnology</i> , 2020, 38, 1337-1346.	17.5	105
3	Modular segregation of task-dependent brain networks contributes to the development of executive function in children. <i>NeuroImage</i> , 2020, 206, 116334.	4.2	28
4	Maximum a Posteriori Strategy for the Simultaneous Motion and Material Property Estimation of the Heart. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 378-389.	4.2	25
5	Dynamic Dual-Tracer PET Reconstruction. <i>Lecture Notes in Computer Science</i> , 2009, 21, 38-49.	1.3	23
6	Three-dimensional convolutional neural networks for simultaneous dual-tracer PET imaging. <i>Physics in Medicine and Biology</i> , 2019, 64, 185016.	3.0	19
7	Penalized-Likelihood PET Image Reconstruction Using 3D Structural Convolutional Sparse Coding. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 4-14.	4.2	15
8	Blip up-down acquisition for spin- and gradient-echo imaging (BUDA-SAGE) with self-supervised denoising enables efficient T_2^* , T_2^* , and diamagnetic susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 633-650.	3.0	15
9	Separation of a Mixture of Simultaneous Dual-Tracer PET Signals: A Data-Driven Approach. <i>IEEE Transactions on Nuclear Science</i> , 2017, 64, 2588-2597.	2.0	13
10	Robust recovery of myocardial kinematics using dual H_{∞} criteria. <i>Multimedia Tools and Applications</i> , 2018, 77, 23043-23071.	3.9	10
11	Deep-Learning-Based Separation of a Mixture of Dual-Tracer Single-Acquisition PET Signals With Equal Half-Lives: A Simulation Study. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 649-659.	3.7	9
12	Rapid high-quality PET Patlak parametric image generation based on direct reconstruction and temporal nonlocal neural network. <i>NeuroImage</i> , 2021, 240, 118380.	4.2	8
13	Exploiting Magnetic Resonance Angiography Imaging Improves Model Estimation of BOLD Signal. <i>PLoS ONE</i> , 2012, 7, e31612.	2.5	8
14	Low Dose PET Image Reconstruction with Total Variation Using Alternating Direction Method. <i>PLoS ONE</i> , 2016, 11, e0166871.	2.5	7
15	Noninvasive electrocardiographic imaging with low-rank and non-local total variation regularization. <i>Pattern Recognition Letters</i> , 2020, 138, 106-114.	4.2	6
16	Computational Complexity Reduction for Volumetric Cardiac Deformation Recovery. <i>Journal of Signal Processing Systems</i> , 2009, 55, 281-296.	2.1	5
17	Joint reconstruction of dynamic PET activity and kinetic parametric images using total variation constrained dictionary sparse coding. <i>Inverse Problems</i> , 2017, 33, 055011.	2.0	5
18	Simultaneous estimation and segmentation from projection data in dynamic PET. <i>Medical Physics</i> , 2019, 46, 1245-1259.	3.0	5

#	ARTICLE	IF	CITATIONS
19	Temporal information-guided dynamic dual-tracer PET signal separation network. <i>Medical Physics</i> , 2022, 49, 4585-4598.	3.0	5
20	Separation of dual-tracer PET signals using a deep stacking network. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1013, 165681.	1.6	4
21	Concurrent bias correction in hemodynamic data assimilation. <i>Medical Image Analysis</i> , 2012, 16, 1456-1464.	11.6	3
22	Reconstruction for 3D PET Based on Total Variation Constrained Direct Fourier Method. <i>PLoS ONE</i> , 2015, 10, e0138483.	2.5	3
23	Non-invasive reconstruction of dynamic myocardial transmembrane potential with graph-based total variation constraints. <i>Healthcare Technology Letters</i> , 2019, 6, 181-186.	3.3	3
24	Unsupervised arterial spin labeling image superresolution via multiscale generative adversarial network. <i>Medical Physics</i> , 2022, 49, 2373-2385.	3.0	3
25	Sparse/Low Rank Constrained Reconstruction for Dynamic PET Imaging. <i>PLoS ONE</i> , 2015, 10, e0142019.	2.5	2