

Benjamin A Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,074
citations

1163117

8
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

1888
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a combined image derived input function and venous sampling approach for the quantification of [18F]GE-179 PET binding in the brain. <i>NeuroImage</i> , 2021, 237, 118194.	4.2	17
2	SIRF: Synergistic Image Reconstruction Framework. <i>Computer Physics Communications</i> , 2020, 249, 107087.	7.5	35
3	Validation of SPECT-CT image reconstruction for the Mediso AnyScan SCP scanner in STIR. , 2019, , .		5
4	Motion-corrected reconstruction of parametric images from dynamic PET data with the Synergistic Image Reconstruction Framework (SIRF). , 2018, , .		2
5	Implementation of Image Reconstruction for GE SIGNA PET/MR PET Data in the STIR Library. , 2018, , .		2
6	A comparison of 18F-FDG PET/MR with PET/CT in pulmonary tuberculosis. <i>Nuclear Medicine Communications</i> , 2017, 38, 971-978.	1.1	8
7	A comparison of five partial volume correction methods for Tau and Amyloid PET imaging with [18F]THK5351 and [11C]PIB. <i>Annals of Nuclear Medicine</i> , 2017, 31, 563-569.	2.2	29
8	SIRF: Synergistic Image Reconstruction Framework. , 2017, , .		4
9	PETPVC: a toolbox for performing partial volume correction techniques in positron emission tomography. <i>Physics in Medicine and Biology</i> , 2016, 61, 7975-7993.	3.0	117
10	Areas of normal pulmonary parenchyma on HRCT exhibit increased FDG PET signal in IPF patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 337-342.	6.4	65
11	Implementation and Validation of an Adaptive Template Registration Method for ¹⁸ F-Flutemetamol Imaging Data. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1472-1478.	5.0	101
12	A comparison of the options for brain partial volume correction using PET/MRI. , 2012, , .		3
13	A review of partial volume correction techniques for emission tomography and their applications in neurology, cardiology and oncology. <i>Physics in Medicine and Biology</i> , 2012, 57, R119-R159.	3.0	381
14	Markov random field and Gaussian mixture for segmented MRI-based partial volume correction in PET. <i>Physics in Medicine and Biology</i> , 2012, 57, 6681-6705.	3.0	32
15	The importance of appropriate partial volume correction for PET quantification in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1104-1119.	6.4	262