Benjamin A Thomas

List of Publications by Year
in descending order

15	1,074	1163117 8	1372567 10
papers	citations	h-index	g-index

18	18	18	1888
all docs	docs citations	times ranked	citing authors

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