Woo Hyun Nam

List of Publications by Year
in descending order

16 papers	**153** citations	1478505 **6** h-index	1872680 **6** g-index
16 all docs	**16** docs citations	**16** times ranked	**244** citing authors

#	Article	IF	Citations
1	Super-Resolution Reconstruction of 3D PET Images Using Two Respiratory-Phase Low-Dose CT Images. IEEE Transactions on Radiation and Plasma Medical Sciences, 2017, 1, 46-55.	3.7	10
2	Position tracking of moving liver lesion based on real–time registration between 2D ultrasound and 3D preoperative images. Medical Physics, 2015, 42, 335-347.	3.0	15
3	An Effective Post-Filtering Framework for 3-D PET Image Denoising Based on Noise and Sensitivity Characteristics. IEEE Transactions on Nuclear Science, 2015, 62, 137-147.	2.0	12
4	Motion-compensated PET image reconstruction with respiratory-matched attenuation correction using two low-dose inhale and exhale CT images. Physics in Medicine and Biology, 2013, 58, 7355-7374.	3.0	13
5	Motion compensated 4D PET-CT-MR image generation for respiratory synchronized multi-modal image display. , 2013, , .		0
6	Post-filtering of PET image based on noise characteristic and spatial sensitivity distribution. , 2013, , .		1
7	Fast cone-beam-based LOR reconstruction for 3-D PET. , 2012, , .		0
8	Position estimation of moving liver lesion based on registration between 2D ultrasound and 4D MR images. , 2012, , .		0
9	PET image reconstruction based on several respiratory-phase low-dose CT images. , 2012, , .		0
10	Automatic registration between 3D intra-operative ultrasound and pre-operative CT images of the liver based on robust edge matching. Physics in Medicine and Biology, 2012, 57, 69-91.	3.0	55
11	Phased attenuation correction and respiratory motion compensation of pet image by using a ct images and multiple respiratory-phase mr images. , 2011, , .		1
12	GPU-based fast projection-backprojection algorithm for 3-D PET image reconstruction. , 2011, , .		3
13	Non-rigid registration between 3D ultrasound and CT images of the liver based on intensity and gradient information. Physics in Medicine and Biology, 2011, 56, 117-137.	3.0	37
14	Robust registration of 3-D ultrasound and CT images of the liver for image-guided intervention. , 2010, , .		5
15	Sensorless and real-time registration between 2D ultrasound and preoperative images of the liver. , 2010, , .		1
16	Non-rigid registration between 3D MR and CT images of the liver based on intensity and edge orientation information. , 2010, , .		0