Benjamin M W Tsui

List of Publications by Year
in descending order

15 papers	1,743 citations	567281 15 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1825 citing authors

#	Article	IF	Citations
1	Dynamic Imaging of Allogeneic Mesenchymal Stem Cells Trafficking to Myocardial Infarction. Circulation, 2005, 112, 1451-1461.	1.6	561
2	Performance evaluation of the GE healthcare eXplore VISTA dual-ring small-animal PET scanner. Journal of Nuclear Medicine, 2006, 47, 1891-900.	5.0	167
3	Attenuation compensation for cardiac single-photon emission computed tomographic imaging: Part 1. Impact of attenuation and methods of estimating attenuation maps*. Journal of Nuclear Cardiology, 1995, 2, 513-524.	2.1	139
4	Fast implementations of reconstruction-based scatter compensation in fully 3D SPECT image reconstruction. Physics in Medicine and Biology, 1998, 43, 857-873.	3.0	125
5	Estimation of geometrical parameters and collimator evaluation for cone beam tomography. Medical Physics, 1990, 17, 264-272.	3.0	124
6	Small-Animal Molecular Imaging Methods. Journal of Nuclear Medicine, 2010, 51, 18S-32S.	5.0	114
7	A mathematical model of motion of the heart for use in generating source and attenuation maps for simulating emission imaging. Medical Physics, 1999, 26, 2323-2332.	3.0	101
8	Attenuation compensation for cardiac single-photon emission computed tomographic imaging: Part 2. Attenuation compensation algorithms1, 2. Journal of Nuclear Cardiology, 1996, 3, 55-64.	2.1	95
9	A Monte Carlo investigation of artifacts caused by liver uptake in single-photon emission computed tomography perfusion imaging with technetium 99m-labeled agents1, 2. Journal of Nuclear Cardiology, 1996, 3, 18-29.	2.1	70
10	Object-specific attenuation correction of SPECT with correlated dual-energy X-ray CT. IEEE Transactions on Nuclear Science, 1993, 40, 1242-1252.	2.0	66
11	Quantitative myocardial perfusion SPECT*1. Journal of Nuclear Cardiology, 1998, 5, 507-522.	2.1	50
12	Recent Advances in Small-Animal Cardiovascular Imaging. Journal of Nuclear Medicine, 2009, 50, 667-670.	5.0	39
13	A fast and stable maximum a posteriori conjugate gradient reconstruction algorithm. Medical Physics, 1995, 22, 1273-1284.	3.0	36
14	Improving the convergence of iterative filtered backprojection algorithms. Medical Physics, 1994, 21, 1283-1286.	3.0	31
15	Performance characteristics of transmission imaging using a uniform sheet source with parallel-hole collimation. Medical Physics, 1992, 19, 1205-1212.	3.0	25