

Benjamin M W Tsui

List of Publications by Year in descending order

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15
papers

1,743
citations

567144

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996849

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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. <i>Circulation</i> , 2005, 112, 1451-1461.	1.6	561
2	Performance evaluation of the GE healthcare eXplore VISTA dual-ring small-animal PET scanner. <i>Journal of Nuclear Medicine</i> , 2006, 47, 1891-900.	2.8	167
3	Attenuation compensation for cardiac single-photon emission computed tomographic imaging: Part 1. Impact of attenuation and methods of estimating attenuation maps*. <i>Journal of Nuclear Cardiology</i> , 1995, 2, 513-524.	1.4	139
4	Fast implementations of reconstruction-based scatter compensation in fully 3D SPECT image reconstruction. <i>Physics in Medicine and Biology</i> , 1998, 43, 857-873.	1.6	125
5	Estimation of geometrical parameters and collimator evaluation for cone beam tomography. <i>Medical Physics</i> , 1990, 17, 264-272.	1.6	124
6	Small-Animal Molecular Imaging Methods. <i>Journal of Nuclear Medicine</i> , 2010, 51, 18S-32S.	2.8	114
7	A mathematical model of motion of the heart for use in generating source and attenuation maps for simulating emission imaging. <i>Medical Physics</i> , 1999, 26, 2323-2332.	1.6	101
8	Attenuation compensation for cardiac single-photon emission computed tomographic imaging: Part 2. Attenuation compensation algorithms1, 2. <i>Journal of Nuclear Cardiology</i> , 1996, 3, 55-64.	1.4	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. <i>Journal of Nuclear Cardiology</i> , 1996, 3, 18-29.	1.4	70
10	Object-specific attenuation correction of SPECT with correlated dual-energy X-ray CT. <i>IEEE Transactions on Nuclear Science</i> , 1993, 40, 1242-1252.	1.2	66
11	Quantitative myocardial perfusion SPECT*1. <i>Journal of Nuclear Cardiology</i> , 1998, 5, 507-522.	1.4	50
12	Recent Advances in Small-Animal Cardiovascular Imaging. <i>Journal of Nuclear Medicine</i> , 2009, 50, 667-670.	2.8	39
13	A fast and stable maximum a posteriori conjugate gradient reconstruction algorithm. <i>Medical Physics</i> , 1995, 22, 1273-1284.	1.6	36
14	Improving the convergence of iterative filtered backprojection algorithms. <i>Medical Physics</i> , 1994, 21, 1283-1286.	1.6	31
15	Performance characteristics of transmission imaging using a uniform sheet source with parallel-hole collimation. <i>Medical Physics</i> , 1992, 19, 1205-1212.	1.6	25