Rolf

List of Publications by Citations

17 papers	**513** citations	**8** h-index	**18** g-index
18 ext. papers	**616** ext. citations	**4.7** avg, IF	**3.62** L-index

#	Paper	IF	Citations
17	A two-step Hilbert transform method for 2D image reconstruction. *Physics in Medicine and Biology*, **2004**, 49, 3903-23	3.8	218
16	Cone-beam reconstruction using the backprojection of locally filtered projections. *IEEE Transactions on Medical Imaging*, **2005**, 24, 70-85	11.7	128
15	Tomographic Reconstruction in the 21st Century. *IEEE Signal Processing Magazine*, **2010**, 27, 60-80	9.4	51
14	A local shift-variant Fourier model and experimental validation of circular cone-beam computed tomography artifacts. *Medical Physics*, **2009**, 36, 500-12	4.4	45
13	Data consistency conditions for truncated fanbeam and parallel projections. *Medical Physics*, **2015**, 42, 831-45	4.4	17
12	Necessary and Sufficient Consistency Conditions for Fanbeam Projections Along a Line. *IEEE Transactions on Nuclear Science*, **2013**, 60, 1560-1569	1.7	14
11	Filtered-backprojection reconstruction for a cone-beam computed tomography scanner with independent source and detector rotations. *Medical Physics*, **2016**, 43, 2344	4.4	13
10	Full data consistency conditions for cone-beam projections with sources on a plane. *Physics in Medicine and Biology*, **2013**, 58, 8437-56	3.8	10
9	Calibration for Circular Cone-Beam CT Based on Consistency Conditions. *IEEE Transactions on Radiation and Plasma Medical Sciences*, **2017**, 1, 517-526	4.2	5
8	Accurate Transaxial Region-of-Interest Reconstruction in Helical CT?. *IEEE Transactions on Radiation and Plasma Medical Sciences*, **2017**, 1, 334-345	4.2	3
7	Estimation of Local Data-Insufficiency in Motion-Corrected Helical CT. *IEEE Transactions on Radiation and Plasma Medical Sciences*, **2017**, 1, 346-357	4.2	3
6	Data Consistency Conditions for Cone-Beam Projections on a Circular Trajectory. *IEEE Signal Processing Letters*, **2016**, 23, 1746-1750	3.2	3
5	Planogram rebinning with the frequency-distance relationship. *IEEE Transactions on Medical Imaging*, **2008**, 27, 925-33	11.7	3
4	Data Consistency for Linograms and Planograms. *IEEE Transactions on Radiation and Plasma Medical Sciences*, **2018**, 2, 288-299	4.2	0
3	. *IEEE Transactions on Nuclear Science*, **2016**, 63, 1408-1418	1.7	0
2	Region-of-Interest CT Reconstruction using Object Extent and Singular Value Decomposition. *IEEE Transactions on Radiation and Plasma Medical Sciences*, **2021**, 1-1	4.2	
1	Feasibility of attenuation map alignment in pinhole cardiac SPECT using exponential data consistency conditions. *Medical Physics*, **2021**, 48, 4955-4965	4.4	