

# Rolf

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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

