

Rolf

List of Publications by Year in descending order

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papers

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1040018

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18
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18
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	A two-step Hilbert transform method for 2D image reconstruction. <i>Physics in Medicine and Biology</i> , 2004, 49, 3903-3923.	3.0	296
2	Cone-beam reconstruction using the backprojection of locally filtered projections. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 70-85.	8.9	166
3	Tomographic Reconstruction in the 21st Century. <i>IEEE Signal Processing Magazine</i> , 2010, 27, 60-80.	5.6	75
4	A local shift-invariant Fourier model and experimental validation of circular cone-beam computed tomography artifacts. <i>Medical Physics</i> , 2009, 36, 500-512.	3.0	47
5	Necessary and Sufficient Consistency Conditions for Fanbeam Projections Along a Line. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 1560-1569.	2.0	23
6	Data consistency conditions for truncated fanbeam and parallel projections. <i>Medical Physics</i> , 2015, 42, 831-845.	3.0	20
7	Filtered-backprojection reconstruction for a cone-beam computed tomography scanner with independent source and detector rotations. <i>Medical Physics</i> , 2016, 43, 2344-2352.	3.0	17
8	Full data consistency conditions for cone-beam projections with sources on a plane. <i>Physics in Medicine and Biology</i> , 2013, 58, 8437-8456.	3.0	15
9	Calibration for Circular Cone-Beam CT Based on Consistency Conditions. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2017, 1, 517-526.	3.7	13
10	Data Consistency Conditions for Cone-Beam Projections on a Circular Trajectory. <i>IEEE Signal Processing Letters</i> , 2016, 23, 1746-1750.	3.6	6
11	Estimation of Local Data-Insufficiency in Motion-Corrected Helical CT. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2017, 1, 346-357.	3.7	5
12	Planogram rebinning with the frequency-distance relationship. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 925-933.	8.9	4
13	Accurate Transaxial Region-of-Interest Reconstruction in Helical CT?. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2017, 1, 334-345.	3.7	3
14	Feasibility of attenuation map alignment in pinhole cardiac SPECT using exponential data consistency conditions. <i>Medical Physics</i> , 2021, 48, 4955-4965.	3.0	3
15	Data Consistency for Linograms and Planograms. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2018, 2, 288-299.	3.7	2
16	Exact Fan-Beam Reconstruction With Arbitrary Object Translations and Truncated Projections. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 1408-1418.	2.0	1
17	Calibration and data consistency in parallel and fan-beam linogram geometries. , 2019, , .		0
18	Region-of-Interest CT Reconstruction Using Object Extent and Singular Value Decomposition. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022, 6, 537-551.	3.7	0