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エ藤 博幸

ケニャ 米ケ	文献数	145
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	分野	Computer Science, Engineering

タイトル	出版物名	出版年	雑誌インパクト ファクター(2018)	合計引用数
Image reconstruction from fan-beam projections on less than a short scan	Physics in Medicine and Biology, 47(14), pp. 2525-2546	2002	3.030	190
Tiny a priori knowledge solves the interior problem in computed tomography	Physics in Medicine and Biology, 53(9), pp. 2207-2231	2008	3.030	160
Truncated Hilbert transform and image reconstruction from limited tomographic data	Inverse Problems, 22(3), pp. 1037-1053	2006	1.858	152
A solution to the long-object problem in helical cone-beam tomography	Physics in Medicine and Biology, 45(3), pp. 623-643	2000	3.030	135
Cone-beam filtered-backprojection algorithm for truncated helical data	Physics in Medicine and Biology, 43(10), pp. 2885-2909	1998	3.030	116
Derivation and Implementation of a Cone-Beam Reconstruction Algorithm for Nonplanar Orbits	IEEE Transactions on Medical Imaging, 13(1), pp. 196-211	1994	7.816	100
Solving the interior problem of computed tomography using a priori knowledge	Inverse Problems, 24(6)	2008	1.858	90
An accurate iterative reconstruction algorithm for sparce objects: Application to 3D blood vessel reconstruction from a limited number of projections	Physics in Medicine and Biology, 47(15), pp. 2599-2609	2002	3.030	79
Subset-dependent relaxation in block-iterative algorithms for image reconstruction in emission tomography	Physics in Medicine and Biology, 48(10), pp. 1405-1422	2003	3.030	65

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Statistical image reconstruction from limited projection data with intensity priors	Physics in Medicine and Biology, 57(7), pp. 2039-2061	2012	3.030	24
Improved iterative algorithm for sparse object reconstruction and its performance evaluation with Micro-CT data	IEEE Transactions on Nuclear Science, 51(3 II), pp. 659-666	2004	1.428	22
New anatomical-prior-based image reconstruction method for PET/SPECT	IEEE Nuclear Science Symposium Conference Record 6, pp. 4142-4148	2007		21
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Derivation and implementation of ordered-subsets algorithms for list- mode PET data	IEEE Nuclear Science Symposium Conference Record 4, pp. 1950-1954	2005		16

A new approach to SPECT attenuation correction without transmission measurements	IEEE Nuclear Science Symposium and Medical Imaging Conference 2, pp. 13/58- 13/62	2000		16
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Sparsity-constrained three-dimensional image reconstruction for C- arm angiography	Computers in Biology and Medicine, 62, pp. 141-153	2015	2.286	7
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Ordered-subsets EM algorithm for image segmentation with application to brain MRI	IEEE Nuclear Science Symposium and Medical Imaging Conference 3, pp. 18/118- 18/121	2000		5
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HIGH QUALITY CT IMAGE RECONSTRUCTION FROM A SMALL NUMBER OF PROJECTIONS.	ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing – Proceedings, pp. 1272-1275	1988		4
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Segmented attenuation map reconstruction from incomplete transmission data	IEEE Nuclear Science Symposium and Medical Imaging Conference 2, pp. 13/1- 13/14	2000		2
New stochastic sampling method for region extraction: theory and experiments	Proceedings of SPIE - The International Society for Optical Engineering, 2823, pp. 174-183	1996		2
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Image boundary extension with mean values for cosine-sine modulated filter banks	2015 15th International Symposium on Communications and Information Technologies, ISCIT 2015, pp. 69-72	2016		0
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A unified approach to statistical image reconstruction using dual ascent optimization Image improvement in pinhole SPECT using complete data acquisition combined with statistical image reconstruction Attenuation Map Reconstruction Using Topology Constrained Labeling Shape representation using extended hyperquadrics Newton-SOR method for fast statistical tomographic image reconstruction Sparse Object Reconstruction from a Limited Number of Projections Using the Linear Programming Improvement in image reconstruction of scanning near-field millimeter-wave microscopy using a metal slit-type probe	Review Papers, 40(6 A), pp. 4252-4253			

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Stereo-matching algorithm based on energy minimization principle in Markov random field model	Proceedings of SPIE - The International Society for Optical Engineering 2823, pp. 128-137	1996	0
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