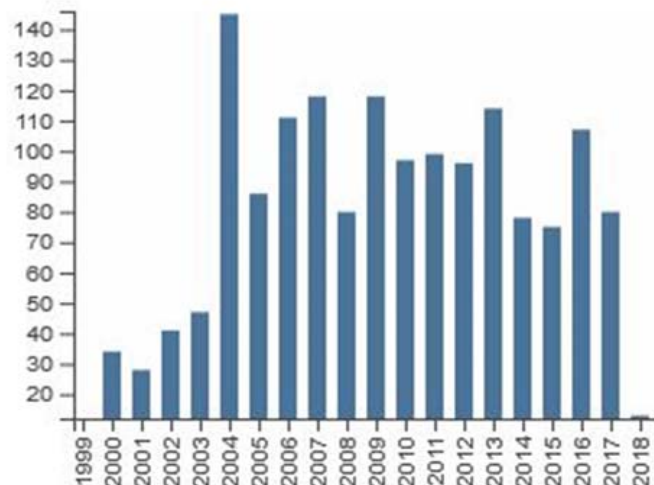
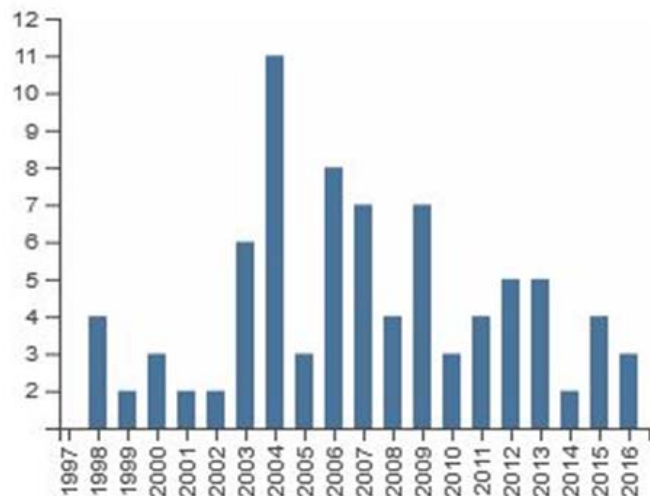


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タイトル	出版物名	出版年	巻	号	雑誌インパクト ファクター(2016)	合計引用数	年平均
Image reconstruction from fan-beam projections on less than a short scan	PHYSICS IN MEDICINE AND BIOLOGY	2002	47	14	2.742	189	11.12
Truncated Hilbert transform and image reconstruction from limited tomographic data	INVERSE PROBLEMS	2006	22	3	1.620	154	11.85
Tiny a priori knowledge solves the interior problem in computed tomography	PHYSICS IN MEDICINE AND BIOLOGY	2008	53	9	2.742	153	13.91
Cone-beam filtered-backprojection algorithm for truncated helical data	PHYSICS IN MEDICINE AND BIOLOGY	1998	43	10	2.742	128	6.1
A solution to the long-object problem in helical cone-beam tomography	PHYSICS IN MEDICINE AND BIOLOGY	2000	45	3	2.742	126	6.63
DERIVATION AND IMPLEMENTATION OF A CONE-BEAM RECONSTRUCTION ALGORITHM FOR NONPLANAR ORBITS	IEEE TRANSACTIONS ON MEDICAL IMAGING	1994	13	1	3.942	101	4.04
Solving the interior problem of computed tomography using a priori knowledge	INVERSE PROBLEMS	2008	24	6	1.620	81	7.36

An accurate iterative reconstruction algorithm for sparse objects: Application to 3D blood vessel reconstruction from a limited number of projections	PHYSICS IN MEDICINE AND BIOLOGY	2002	47	15	2.742	71	4.18
Investigation of saddle trajectories for cardiac CT imaging in cone-beam geometry	PHYSICS IN MEDICINE AND BIOLOGY	2004	49	11	2.742	65	4.33
Subset-dependent relaxation in block-iterative algorithms for image reconstruction in emission tomography	PHYSICS IN MEDICINE AND BIOLOGY	2003	48	10	2.742	62	3.88
Quasi-exact filtered backprojection algorithm for long-object problem in helical cone-beam tomography	IEEE TRANSACTIONS ON MEDICAL IMAGING	2000	19	9	3.942	59	3.11
SINOGRAM RECOVERY WITH THE METHOD OF CONVEX PROJECTIONS FOR LIMITED-DATA RECONSTRUCTION IN COMPUTED-TOMOGRAPHY	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION	1991	8	7	1.621	38	1.36
FEASIBLE CONE BEAM SCANNING METHODS FOR EXACT RECONSTRUCTION IN 3-DIMENSIONAL TOMOGRAPHY	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION	1990	7	12	1.621	36	1.24
Exact cone beam reconstruction for a saddle trajectory	PHYSICS IN MEDICINE AND BIOLOGY	2006	51	5	2.742	30	2.31
Exact and approximate algorithms for helical cone-beam CT	PHYSICS IN MEDICINE AND BIOLOGY	2004	49	13	2.742	26	1.73
General reconstruction theory for multislice X-ray computed tomography with a gantry tilt	IEEE TRANSACTIONS ON MEDICAL IMAGING	2004	23	9	3.942	25	1.67
Statistical image reconstruction from limited projection data with intensity priors	PHYSICS IN MEDICINE AND BIOLOGY	2012	57	7	2.742	24	3.43
A new reconstruction strategy for image improvement in pinhole SPECT	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	2004	31	8	7.277	22	1.47
Enabling Photon Counting Clinical X-ray CT	2009 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-5	2009				21	2.1
Image reconstruction for sparse-view CT and interior CT-introduction to compressed sensing and differentiated backprojection.	Quantitative imaging in medicine and surgery	2013	3	3		17	2.83
Improved iterative algorithm for sparse object reconstruction and its performance evaluation with micro-CT data	IEEE TRANSACTIONS ON NUCLEAR SCIENCE	2004	51	3	1.171	17	1.13
Fast and stable cone-beam filtered backprojection method for non-planar orbits	PHYSICS IN MEDICINE AND BIOLOGY	1998	43	4	2.742	16	0.76
Motion compensated fan-beam reconstruction for nonrigid transformation	IEEE TRANSACTIONS ON MEDICAL IMAGING	2008	27	7	3.942	15	1.36
Performance of quasi-exact cone-beam filtered backprojection algorithm for axially truncated helical data	IEEE TRANSACTIONS ON NUCLEAR SCIENCE	1999	46	3	1.171	15	0.75
Rebinning-based algorithms for helical cone-beam CT	PHYSICS IN MEDICINE AND BIOLOGY	2001	46	11	2.742	13	0.72

View-independent reconstruction algorithms for cone beam CT with general saddle trajectory	PHYSICS IN MEDICINE AND BIOLOGY	2006	51	15	2.742	12	0.92
Improved two-dimensional rebinning of helical cone-beam computerized tomography data using John's equation	INVERSE PROBLEMS	2003	19	6	1.620	12	0.75
Optimal relaxation parameters of DRAMA (dynamic RAMLA) aiming at one-pass image reconstruction for 3D-PET	PHYSICS IN MEDICINE AND BIOLOGY	2010	55	10	2.742	8	0.89
Derivation and implementation of ordered-subsets algorithms for list-mode PET data	2005 IEEE Nuclear Science Symposium Conference Record, Vols 1-5	2005				8	0.57
GPU-Based PET Image Reconstruction Using an Accurate Geometrical System Model	IEEE TRANSACTIONS ON NUCLEAR SCIENCE	2012	59	5	1.171	7	1
Millimeter-wave scanning near-field anisotropy microscopy	REVIEW OF SCIENTIFIC INSTRUMENTS	2005	76	3	1.515	7	0.5
Three-dimensional monochromatic x-ray computed tomography using synchrotron radiation	OPTICAL ENGINEERING	1998	37	8	1.082	7	0.33
Extended cone-beam reconstruction using radon transform	1996 IEEE NUCLEAR SCIENCE SYMPOSIUM - CONFERENCE RECORD, VOLS 1-3	1997				6	0.27
Towards high-resolution synchrotron radiation imaging with statistical iterative reconstruction	JOURNAL OF SYNCHROTRON RADIATION	2013	20		3.081	5	0.83
Tiny a priori knowledge solves the interior problem	2007 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-11	2007				5	0.42
New anatomical-prior-based image reconstruction method for PET/SPECT	2007 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-11	2007				5	0.42
Sparsity-constrained three-dimensional image reconstruction for C-arm angiography	COMPUTERS IN BIOLOGY AND MEDICINE	2015	62		1.836	4	1
Note: Near-field imaging of thermal radiation at low temperatures by passive millimeter-wave microscopy	REVIEW OF SCIENTIFIC INSTRUMENTS	2013	84	3	1.515	4	0.67
A dual layer GSO PET system for small animal: K-PET II	WORLD CONGRESS ON MEDICAL PHYSICS AND BIOMEDICAL ENGINEERING 2006, VOL 14, PTS 1-6	2007	14			4	0.33
Practical statistical models for region-of-interest tomographic reconstruction and long object problem	2007 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-11	2007				3	0.25
2D Non-Separable Block-Lifting Structure and Its Application to M-Channel Perfect Reconstruction Filter Banks for Lossy-to-Lossless Image Coding	IEEE TRANSACTIONS ON IMAGE PROCESSING	2015	24	12	4.828	2	0.5
Extended Block-Lifting-Based Lapped Transforms	IEEE SIGNAL PROCESSING LETTERS	2015	22	10	1.836	2	0.5

INTEGER FAST LAPPED BIORTHOGONAL TRANSFORM VIA APPLICATIONS OF DCT MATRICES AND DYADIC-VALUED FACTORS FOR LIFTING COEFFICIENT BLOCKS	2013 20TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (ICIP 2013)	2013				2	0.33
Adaptive Thresholding for Robust Iterative Image Reconstruction from Limited Views Projection Data	2011 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (NSS/MIC)	2011				2	0.25
GPU Implementation of List-mode DRAMA for Real-time OpenPET Image Reconstruction	2010 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD (NSS/MIC)	2010				2	0.22
A simple motion tracking backprojection for a class of affine transformation	MEDICAL IMAGING 2008: PHYSICS OF MEDICAL IMAGING, PTS 1-3	2008	6913			2	0.18
3D-OSEM reconstruction from truncated data in pinhole SPECT	2007 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-11	2007				2	0.17
New super-short-scan algorithms for fan-beam and cone-beam reconstruction	2002 IEEE NUCLEAR SCIENCE SYMPOSIUM, CONFERENCE RECORD, VOLS 1-3	2003				2	0.13
Three-dimensional monochromatic X-ray CT	APPLICATIONS OF DIGITAL IMAGE PROCESSING XVIII	1995	2564			2	0.08
HELICAL-SCAN COMPUTED-TOMOGRAPHY USING CONE-BEAM PROJECTIONS	CONFERENCE RECORD OF THE 1991 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE, VOLS 1-3	1991				2	0.07
Restoration of lost frequency in OpenPET imaging: comparison between the method of convex projections and the maximum likelihood expectation maximization method.	Radiological physics and technology	2014	7	2		1	0.2
Conceptual Design of High Resolution and Quantitative SPECT System for Imaging a Selected Small ROI of human brain	2009 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-5	2009				1	0.1
Image processing method for analyzing cerebral blood-flow using SPECT and MRI	2007 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-11	2007				1	0.08
Application of Pack and Nuo's Cone-Beam Inversion Formula to a Wide Class of Trajectories	2006 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOL 1-6	2006				1	0.08
Effect of Truncation in Quantitative Cardiac Imaging with Small Field-of-View Pinhole SPECT	2006 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOL 1-6	2006				1	0.08

A new class of super-short-scan algorithms for fan-beam reconstruction	2005 IEEE Nuclear Science Symposium Conference Record, Vols 1-5	2005				1	0.07
Accurate and efficient image reconstruction for spatio-temporal CT	2004 IEEE Nuclear Science Symposium Conference Record, Vols 1-7	2004				1	0.07
Performance evaluation of relaxed block-iterative algorithms for 3-D PET reconstruction	2004 IEEE Nuclear Science Symposium Conference Record, Vols 1-7	2004				1	0.07
Measurement data selection method for biometric device, light exit position determination method for biometric device, and biometric device	Official Gazette of the United States Patent and Trademark Office Patents	2016				0	0
Probabilistic atlas prior for CT image reconstruction	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	2016	128		2.503	0	0
Biometric apparatus and image-generating method	Official Gazette of the United States Patent and Trademark Office Patents	2016				0	0
An improved phase shift reconstruction algorithm of fringe scanning technique for X-ray microscopy	REVIEW OF SCIENTIFIC INSTRUMENTS	2015	86	2	1.515	0	0
Introduction to advanced image reconstruction methods and compressed sensing in medical computed tomography.	Microscopy (Oxford, England)	2014	63 Suppl 1		1.528	0	0
Development of Interactive 3D Imaging System for Hepatic Angiography	2013 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (NSS/MIC)	2013				0	0
General Analytical Reconstruction Formula for Fan-beam Computed Tomography	MEDICAL IMAGING 2012: PHYSICS OF MEDICAL IMAGING	2012	8313			0	0
Analytical fan-beam reconstruction algorithm for free-form trajectory with plus-minus weighting scheme	MEDICAL IMAGING 2012: PHYSICS OF MEDICAL IMAGING	2012	8313			0	0
Metal artifact reduction in X-ray computed tomography by using analytical DBP-type algorithm	MEDICAL IMAGING 2012: PHYSICS OF MEDICAL IMAGING	2012	8313			0	0
Row-Action Image Reconstruction Algorithm Using $l(p)$ -Norm Distance to a Reference Image	2011 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (NSS/MIC)	2011				0	0
Towards a High-Resolution Local Tomography Using Statistical Iterative Reconstruction	2011 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (NSS/MIC)	2011				0	0
Iterative Thresholding Framework for Row-Action Reconstruction from Sparse Projection Data	2011 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (NSS/MIC)	2011				0	0

High Resolution Brain Imaging with Combined Parallel-hole and Pinhole Collimation	2010 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD (NSS/MIC)	2010				0	0
MAP-EM Reconstruction using Uniform Background Template for Limited-Angle PEM	2008 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (2008 NSS/MIC), VOLS 1-9	2009				0	0
Fusion of Image Reconstruction and Lesion Detection Using a Bayesian Framework for PET/SPECT	2008 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (2008 NSS/MIC), VOLS 1-9	2009				0	0
Region-of-Interest Reconstruction from Truncated Projection Data under Blind Object Support	2008 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (2008 NSS/MIC), VOLS 1-9	2009				0	0
Clinical Usability of a Compact High Resolution Detector for High Resolution and Quantitative SPECT Imaging in a Selected Small ROI	2008 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (2008 NSS/MIC), VOLS 1-9	2009				0	0
Combination of a High Resolution Detector with Small FOV and a Low Resolution Detector with Large FOV for High Resolution and Quantitative SPECT	2008 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (2008 NSS/MIC), VOLS 1-9	2009				0	0
Statistical PET image reconstruction using duality of nonlinear programming	ELECTRONICS AND COMMUNICATIONS IN JAPAN PART II-ELECTRONICS	2007	90	11		0	0
Toward Time Resolved Cardiac CT Images with Patient Dose Reduction: Image-based Motion Estimation	2006 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOL 1-6	2006				0	0
Noise Reduction Using a Theoretically-Exact Algorithm for Helical Cone-Beam Tomography	2006 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOL 1-6	2006				0	0
Closed Sinusoid Trajectory for C-Arm CT Imaging	2006 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOL 1-6	2006				0	0
New approximate filtered backprojection algorithm for helical cone-beam CT with redundant data	2003 IEEE NUCLEAR SCIENCE SYMPOSIUM, CONFERENCE RECORD, VOLS 1-5	2004				0	0

A unified approach to statistical image reconstruction using dual ascent optimization	2004 IEEE Nuclear Science Symposium Conference Record, Vols 1-7	2004				0	0
3D image reconstruction using complete data in pinhole SPECT	2003 IEEE NUCLEAR SCIENCE SYMPOSIUM, CONFERENCE RECORD, VOLS 1-5	2004				0	0
Image improvement in pinhole SPECT using complete data acquisition combined with statistical image reconstruction	QUANTITATION IN BIOMEDICAL IMAGING WITH PET AND MRI	2004		1265		0	0
Improved 2D rebinning of helical cone-beam CT data using John's equation	2002 IEEE NUCLEAR SCIENCE SYMPOSIUM, CONFERENCE RECORD, VOLS 1-3	2003				0	0
Attenuation map reconstruction using topology constrained labeling	ELECTRONICS AND COMMUNICATIONS IN JAPAN PART II-ELECTRONICS	2003	86	9		0	0
Sparse object reconstruction from a limited number of projections using the linear programming	2002 IEEE NUCLEAR SCIENCE SYMPOSIUM, CONFERENCE RECORD, VOLS 1-3	2003				0	0
Improvement in image reconstruction of scanning near-field millimeter-wave microscopy using a metal slit-type probe	JAPANESE JOURNAL OF APPLIED PHYSICS PART 1-REGULAR PAPERS SHORT NOTES & REVIEW PAPERS	2001	40	6A	1.384	0	0
Wavelet image coding with context-based zerotree quantization framework	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2000	E83D	2		0	0
Quasi-exact region-of-interest reconstruction from helical cone-beam data	1999 IEEE NUCLEAR SCIENCE SYMPOSIUM - CONFERENCE RECORD, VOLS 1-3	1999				0	0
Wavelet packet image coding with optimized zerotree quantization	APPLICATIONS OF DIGITAL IMAGE PROCESSING XXI	1998	3460			0	0
Three-dimensional computed tomography using cone-beam monochromatic X-rays	1996 IEEE NUCLEAR SCIENCE SYMPOSIUM - CONFERENCE RECORD, VOLS 1-3	1997				0	0
Signal source localization from spatio-temporal biomagnetic data by signal subspace method	SYSTEMS AND COMPUTERS IN JAPAN	1996	27	2		0	0
New stochastic sampling method for region extraction: Theory and experiments	STATISTICAL AND STOCHASTIC METHODS FOR IMAGE PROCESSING	1996	2823			0	0
An efficient linogram sampling method for cone-beam reconstruction	1995 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE RECORD, VOLS 1-3	1996				0	0

Three-dimensional Bayesian reconstruction applied to cardiac SPECT	1995 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE RECORD, VOLS 1-3	1996				0	0
Texture image segmentation by optimal Gabor filters	ICSP '96 - 1996 3RD INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING, PROCEEDINGS, VOLS I AND II	1996				0	0
A stereo matching algorithm based on energy minimization principle in Markov random field model	STATISTICAL AND STOCHASTIC METHODS FOR IMAGE PROCESSING	1996	2823			0	0
Compression of rotation images based on the wavelet transform	ICSP '96 - 1996 3RD INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING, PROCEEDINGS, VOLS I AND II	1996				0	0
Edge detection using Markov random field models - Optimization and parameter estimation by mean field annealing	ELECTRONICS AND COMMUNICATIONS IN JAPAN PART III-FUNDAMENTAL ELECTRONIC SCIENCE	1995	78	7		0	0
An extended completeness condition for exact cone-beam reconstruction and its application	NUCLEAR SCIENCE SYMPOSIUM & MEDICAL IMAGING CONFERENCE - 1994 IEEE CONFERENCE RECORD, VOLS 1-4	1994				0	0