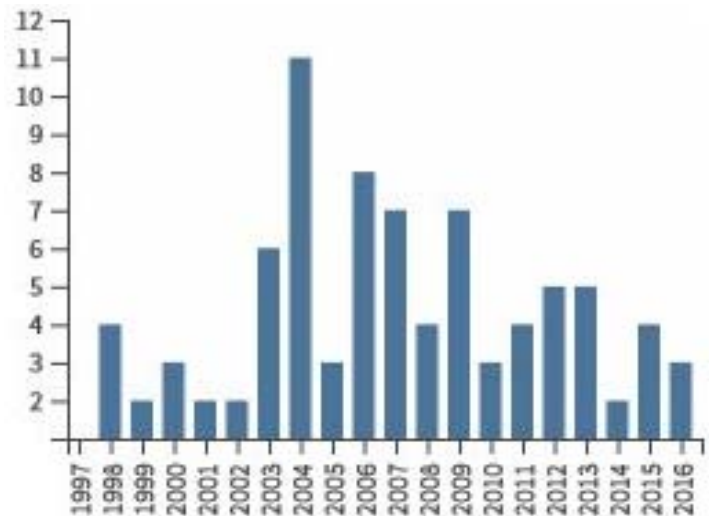


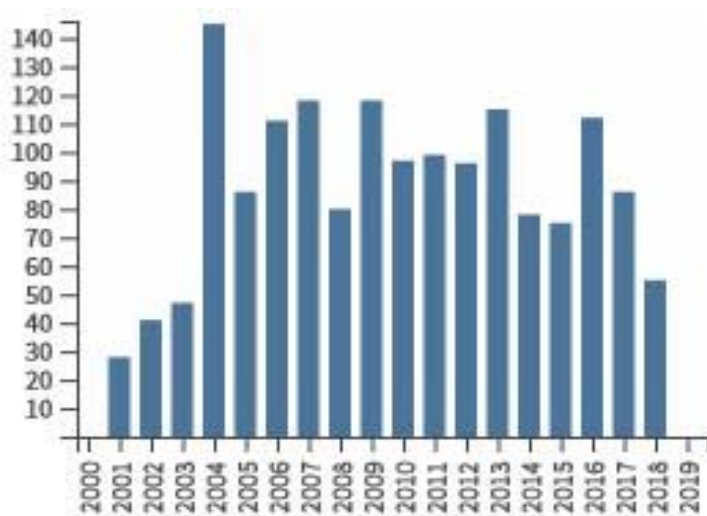
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タイトル	出版物名	出版年	巻	号	雑誌インパクト ファクター(2017)	合計引用数	年平均
Image reconstruction from fan-beam projections on less than a short scan	PHYSICS IN MEDICINE AND BIOLOGY	2002	47	14	2.665	194	11.41
Tiny a priori knowledge solves the interior problem in computed tomography	PHYSICS IN MEDICINE AND BIOLOGY	2008	53	9	2.665	158	14.36
Truncated Hilbert transform and image reconstruction from limited tomographic data	INVERSE PROBLEMS	2006	22	3	1.946	157	12.08
Cone-beam filtered-backprojection algorithm for truncated helical data	PHYSICS IN MEDICINE AND BIOLOGY	1998	43	10	2.665	129	6.14
A solution to the long-object problem in helical cone-beam tomography	PHYSICS IN MEDICINE AND BIOLOGY	2000	45	3	2.665	127	6.68
DERIVATION AND IMPLEMENTATION OF A CONE-BEAM RECONSTRUCTION ALGORITHM FOR NONPLANAR ORBITS	IEEE TRANSACTIONS ON MEDICAL IMAGING	1994	13	1	6.131	104	4.16
Solving the interior problem of computed tomography using a priori knowledge	INVERSE PROBLEMS	2008	24	6	1.946	84	7.64

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	2.665	73	4.29
Investigation of saddle trajectories for cardiac CT imaging in cone-beam geometry	PHYSICS IN MEDICINE AND BIOLOGY	2004	49	11	2.665	66	4.4
Subset-dependent relaxation in block-iterative algorithms for image reconstruction in emission tomography	PHYSICS IN MEDICINE AND BIOLOGY	2003	48	10	2.665	64	4
Quasi-exact filtered backprojection algorithm for long-object problem in helical cone-beam tomography	IEEE TRANSACTIONS ON MEDICAL IMAGING	2000	19	9	6.131	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	1.566	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	1.566	36	1.24
Exact cone beam reconstruction for a saddle trajectory	PHYSICS IN MEDICINE AND BIOLOGY	2006	51	5	2.665	30	2.31
Exact and approximate algorithms for helical cone-beam CT	PHYSICS IN MEDICINE AND BIOLOGY	2004	49	13	2.665	27	1.8
Statistical image reconstruction from limited projection data with intensity priors	PHYSICS IN MEDICINE AND BIOLOGY	2012	57	7	2.665	25	3.57
General reconstruction theory for multislice X-ray computed tomography with a gantry tilt	IEEE TRANSACTIONS ON MEDICAL IMAGING	2004	23	9	6.131	25	1.67
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	2.231	24	4
Enabling Photon Counting Clinical X-ray CT	2009 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-5	2009				23	2.3
A new reconstruction strategy for image improvement in pinhole SPECT	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	2004	31	8	7.704	22	1.47
Motion compensated fan-beam reconstruction for nonrigid transformation	IEEE TRANSACTIONS ON MEDICAL IMAGING	2008	27	7	6.131	17	1.55
Improved iterative algorithm for sparse object reconstruction and its performance evaluation with micro-CT data	IEEE TRANSACTIONS ON NUCLEAR SCIENCE	2004	51	3	1.440	17	1.13
Fast and stable cone-beam filtered backprojection method for non-planar orbits	PHYSICS IN MEDICINE AND BIOLOGY	1998	43	4	2.665	16	0.76
Performance of quasi-exact cone-beam filtered backprojection algorithm for axially truncated helical data	IEEE TRANSACTIONS ON NUCLEAR SCIENCE	1999	46	3	1.440	15	0.75
Improved two-dimensional rebinning of helical cone-beam computerized tomography data using John's equation	INVERSE PROBLEMS	2003	19	6	1.946	13	0.81

Rebinning-based algorithms for helical cone-beam CT	PHYSICS IN MEDICINE AND BIOLOGY	2001	46	11	2.665	13	0.72
View-independent reconstruction algorithms for cone beam CT with general saddle trajectory	PHYSICS IN MEDICINE AND BIOLOGY	2006	51	15	2.665	12	0.92
Optimal relaxation parameters of DRAMA (dynamic RAMLA) aiming at one-pass image reconstruction for 3D-PET	PHYSICS IN MEDICINE AND BIOLOGY	2010	55	10	2.665	9	1
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
Sparsity-constrained three-dimensional image reconstruction for C-arm angiography	COMPUTERS IN BIOLOGY AND MEDICINE	2015	62		2.115	7	1.75
GPU-Based PET Image Reconstruction Using an Accurate Geometrical System Model	IEEE TRANSACTIONS ON NUCLEAR SCIENCE	2012	59	5	1.440	7	1
Millimeter-wave scanning near-field anisotropy microscopy	REVIEW OF SCIENTIFIC INSTRUMENTS	2005	76	3	1.428	7	0.5
Three-dimensional monochromatic x-ray computed tomography using synchrotron radiation	OPTICAL ENGINEERING	1998	37	8	0.993	7	0.33
New anatomical-prior-based image reconstruction method for PET/SPECT	2007 IEEE NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, VOLS 1-11	2007				6	0.5
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		3.232	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
Probabilistic atlas prior for CT image reconstruction	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	2016	128		2.674	4	1.33
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	5.071	4	1
Note: Near-field imaging of thermal radiation at low temperatures by passive millimeter-wave microscopy	REVIEW OF SCIENTIFIC INSTRUMENTS	2013	84	3	1.625	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

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				4	0.14
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
Extended Block-Lifting-Based Lapped Transforms	IEEE SIGNAL PROCESSING LETTERS	2015	22	10	2.813	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
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 Noo'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
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				1	0.04
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
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	1.625	0	0
Introduction to advanced image reconstruction methods and compressed sensing in medical computed tomography.	Microscopy (Oxford, England)	2014	63 Suppl 1		1.440	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	1.452	0	0
Wavelet image coding with context-based zerotree quantization framework	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2000	E83D	2	0.5	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