

# Yoshitaka Masutani

## List of Publications by Year in descending order

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151  
papers

5,451  
citations

94269

37  
h-index

88477

70  
g-index

161  
all docs

161  
docs citations

161  
times ranked

6118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of glymphatic system activity with the diffusion MR technique: diffusion tensor image analysis along the perivascular space (DTI-ALPS) in Alzheimer's disease cases. Japanese Journal of Radiology, 2017, 35, 172-178.	1.0	321
2	MR diffusion tensor imaging: recent advance and new techniques for diffusion tensor visualization. European Journal of Radiology, 2003, 46, 53-66.	1.2	301
3	Development of an MRI-compatible needle insertion manipulator for stereotactic neurosurgery. Journal of Image Guided Surgery, 1995, 1, 242-248.	0.4	251
4	Computerized Detection of Colonic Polyps at CT Colonography on the Basis of Volumetric Features: Pilot Study. Radiology, 2002, 222, 327-336.	3.6	236
5	The Optimal Trackability Threshold of Fractional Anisotropy for Diffusion Tensor Tractography of the Corticospinal Tract. Magnetic Resonance in Medical Sciences, 2004, 3, 11-17.	1.1	233
6	Aging in the CNS: Comparison of gray/white matter volume and diffusion tensor data. Neurobiology of Aging, 2008, 29, 102-116.	1.5	219
7	Three-dimensional white matter tractography by diffusion tensor imaging in ischaemic stroke involving the corticospinal tract. Neuroradiology, 2003, 45, 532-535.	1.1	218
8	Combined use of tractography-integrated functional neuronavigation and direct fiber stimulation. Journal of Neurosurgery, 2005, 102, 664-672.	0.9	186
9	Voxel-based analyses of gray/white matter volume and diffusion tensor data in major depression. Psychiatry Research - Neuroimaging, 2010, 181, 64-70.	0.9	175
10	The motor-evoked potential threshold evaluated by tractography and electrical stimulation. Journal of Neurosurgery, 2009, 111, 785-795.	0.9	138
11	Diffusion abnormalities of the uncinate fasciculus in Alzheimer's disease: diffusion tensor tract-specific analysis using a new method to measure the core of the tract. Neuroradiology, 2008, 50, 293-299.	1.1	136
12	Topography of the Human Corpus Callosum Using Diffusion Tensor Tractography. Journal of Computer Assisted Tomography, 2004, 28, 533-539.	0.5	134
13	Amyotrophic lateral sclerosis: diffusion tensor tractography and voxel-based analysis. NMR in Biomedicine, 2004, 17, 411-416.	1.6	130
14	Voxel-based diffusion tensor analysis reveals aberrant anterior cingulum integrity in posttraumatic stress disorder due to terrorism. Psychiatry Research - Neuroimaging, 2006, 146, 231-242.	0.9	119
15	Computerized detection of pulmonary embolism in spiral CT angiography based on volumetric image analysis. IEEE Transactions on Medical Imaging, 2002, 21, 1517-1523.	5.4	108
16	Visualizing Non-Gaussian Diffusion: Clinical Application of q-Space Imaging and Diffusional Kurtosis Imaging of the Brain and Spine. Magnetic Resonance in Medical Sciences, 2012, 11, 221-233.	1.1	101
17	Visualization of the frontotemporal language fibers by tractography combined with functional magnetic resonance imaging and magnetoencephalography. Journal of Neurosurgery, 2007, 106, 90-98.	0.9	100
18	Volumegraph (Overlaid Three-Dimensional Image-Guided Navigation). Stereotactic and Functional Neurosurgery, 1997, 68, 18-24.	0.8	77

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19	Quantitative evaluation of the pyramidal tract segmented by diffusion tensor tractography: feasibility study in patients with amyotrophic lateral sclerosis. <i>Radiation Medicine</i> , 2005, 23, 195-9.	0.8	73
20	Diffusional kurtosis imaging of normal-appearing white matter in multiple sclerosis: preliminary clinical experience. <i>Japanese Journal of Radiology</i> , 2013, 31, 50-55.	1.0	69
21	New diffusion metrics for spondylotic myelopathy at an early clinical stage. <i>European Radiology</i> , 2012, 22, 1797-1802.	2.3	63
22	Functional Identification of the Primary Motor Area by Corticospinal Tractography. <i>Operative Neurosurgery</i> , 2005, 56, 98-109.	0.4	61
23	A Variational Method for Geometric Regularization of Vascular Segmentation in Medical Images. <i>IEEE Transactions on Image Processing</i> , 2008, 17, 1295-1312.	6.0	60
24	Functional Monitoring for Visual Pathway Using Real-time Visual Evoked Potentials and Optic-radiation Tractography. <i>Operative Neurosurgery</i> , 2005, 57, 121-127.	0.4	56
25	Integration of three-dimensional corticospinal tractography into treatment planning for gamma knife surgery. <i>Journal of Neurosurgery</i> , 2005, 102, 673-677.	0.9	55
26	Diffusion abnormality in the posterior cingulum and hippocampal volume: correlation with disease progression in Alzheimer's disease. <i>Magnetic Resonance Imaging</i> , 2009, 27, 347-354.	1.0	55
27	Tract-specific analysis of white matter integrity disruption in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 136-143.	0.9	55
28	Automated Segmentation of Colonic Walls for Computerized Detection of Polyps in CT Colonography. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 629-638.	0.5	53
29	Optic radiation tractography integrated into simulated treatment planning for Gamma Knife surgery. <i>Journal of Neurosurgery</i> , 2007, 107, 721-726.	0.9	52
30	Diffusion Tensor Tractography of Gliomatosis Cerebri. <i>Journal of Computer Assisted Tomography</i> , 2005, 29, 127-129.	0.5	49
31	Tract-specific analysis of white matter pathways in healthy subjects: a pilot study using diffusion tensor MRI. <i>Neuroradiology</i> , 2009, 51, 831-840.	1.1	49
32	Formation of Long-Term Memory Representation in Human Temporal Cortex Related to Pictorial Paired Associates. <i>Journal of Neuroscience</i> , 2009, 29, 10335-10340.	1.7	44
33	Outcomes of Diffusion Tensor Tractography-Integrated Stereotactic Radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 799-802.	0.4	44
34	Integration of Corticospinal Tractography Reduces Motor Complications After Radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 129-133.	0.4	41
35	Verification of Planning Target Volume Settings in Volumetric Modulated Arc Therapy for Stereotactic Body Radiation Therapy by Using In-Treatment 4-Dimensional Cone Beam Computed Tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 426-431.	0.4	40
36	Liver CT image processing: A short introduction of the technical elements. <i>European Journal of Radiology</i> , 2006, 58, 246-251.	1.2	39

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37	Development of Automatic Visceral Fat Volume Calculation Software for CT Volume Data. Journal of Obesity, 2014, 2014, 1-7.	1.1	39
38	Computer-Assisted Detection of Cerebral Aneurysms in MR Angiography in a Routine Image-Reading Environment: Effects on Diagnosis by Radiologists. American Journal of Neuroradiology, 2016, 37, 1038-1043.	1.2	38
39	Augmented Reality Visualization System for Intravascular Neurosurgery. Computer Aided Surgery, 1998, 3, 239-247.	1.8	37
40	Corticospinal Tracts by Diffusion Tensor Tractography in Patients With Arteriovenous Malformations. Journal of Computer Assisted Tomography, 2006, 30, 618-623.	0.5	37
41	3T PROPELLER diffusion tensor fiber tractography: a feasibility study for cranial nerve fiber tracking. Radiation Medicine, 2007, 25, 462-466.	0.8	37
42	Tolerance of Pyramidal Tract to Gamma Knife Radiosurgery Based on Diffusion-Tensor Tractography. International Journal of Radiation Oncology Biology Physics, 2008, 70, 1330-1335.	0.4	37
43	Diffusion-Tensor Neuronal Fiber Tractography and Manganese-enhanced MR Imaging of Primate Visual Pathway in the Common Marmoset: Preliminary Results. Radiology, 2008, 249, 855-864.	3.6	37
44	Sex dimorphism in gray/white matter volume and diffusion tensor during normal aging. NMR in Biomedicine, 2010, 23, 446-458.	1.6	37
45	Microstructural changes of the corticospinal tract in idiopathic normal pressure hydrocephalus: a comparison of diffusion tensor and diffusional kurtosis imaging. Neuroradiology, 2013, 55, 971-976.	1.1	37
46	4D registration and 4D verification of lung tumor position for stereotactic volumetric modulated arc therapy using respiratory-correlated cone-beam CT. Journal of Radiation Research, 2013, 54, 152-156.	0.8	36
47	Diffusion abnormality in posterior cingulate fiber tracts in Alzheimer's disease: tract-specific analysis. Radiation Medicine, 2008, 26, 466-73.	0.8	34
48	Utilization of diffusion tensor tractography in combination with spatial normalization to assess involvement of the corticospinal tract in capsular/pericapsular stroke: Feasibility and clinical implications. Journal of Magnetic Resonance Imaging, 2007, 26, 1399-1404.	1.9	33
49	Cervical spondylosis: Evaluation of microstructural changes in spinal cord white matter and gray matter by diffusional kurtosis imaging. Magnetic Resonance Imaging, 2014, 32, 428-432.	1.0	33
50	Age-related changes in regional brain volume evaluated by atlas-based method. Neuroradiology, 2010, 52, 865-873.	1.1	31
51	Diffusion tensor tract-specific analysis of the uncinat fasciculus in patients with amyotrophic lateral sclerosis. Neuroradiology, 2010, 52, 729-733.	1.1	30
52	Development of an MRI-Compatible Needle Insertion Manipulator for Stereotactic Neurosurgery. Computer Aided Surgery, 1995, 1, 242-248.	1.8	27
53	In-treatment 4D cone-beam CT with image-based respiratory phase recognition. Radiological Physics and Technology, 2012, 5, 138-147.	1.0	27
54	Tract-specific analysis of the superior occipitofrontal fasciculus in schizophrenia. Psychiatry Research - Neuroimaging, 2008, 164, 198-205.	0.9	26

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55	Effects of diffusional kurtosis imaging parameters on diffusion quantification. Radiological Physics and Technology, 2013, 6, 343-348.	1.0	26
56	Primary face motor area as the motor representation of articulation. Journal of Neurology, 2007, 254, 442-447.	1.8	25
57	Arcuate fasciculus tractography integrated into Gamma Knife surgery. Journal of Neurosurgery, 2009, 111, 520-526.	0.9	25
58	4D-CBCT reconstruction using MV portal imaging during volumetric modulated arc therapy. Radiotherapy and Oncology, 2011, 100, 380-385.	0.3	24
59	MR imaging of ischemic penumbra. European Journal of Radiology, 2003, 46, 67-78.	1.2	22
60	Flexible ex vivo phantoms for validation of diffusion tensor tractography on a clinical scanner. Radiation Medicine, 2006, 24, 605-609.	0.8	22
61	Automated Segmentation and Visualization of the Pulmonary Vascular Tree in Spiral CT Angiography: An Anatomy-Oriented Approach Based on Three-Dimensional Image Analysis. Journal of Computer Assisted Tomography, 2001, 25, 587-597.	0.5	19
62	Feasibility of a Curvature-based Enhanced Display System for Detecting Cerebral Aneurysms in MR Angiography. Magnetic Resonance in Medical Sciences, 2003, 2, 29-36.	1.1	19
63	Alterations of the optic pathway between unilateral and bilateral optic nerve damage in multiple sclerosis as revealed by the combined use of advanced diffusion kurtosis imaging and visual evoked potentials. Magnetic Resonance Imaging, 2017, 39, 24-30.	1.0	19
64	Development of surgical simulator based on FEM and deformable volume-rendering. , 2004, , .		18
65	Automatic detection of over 100 anatomical landmarks in medical CT images: A framework with independent detectors and combinatorial optimization. Medical Image Analysis, 2017, 35, 192-214.	7.0	18
66	A new Diffusion Metric, Diffusion Kurtosis Imaging, used in the Serial Examination of a Patient with Stroke. Acta Radiologica Short Reports, 2012, 1, 1-3.	0.7	17
67	Fast and Robust Estimation of Diffusional Kurtosis Imaging (DKI) Parameters by General Closed-form Expressions and their Extensions. Magnetic Resonance in Medical Sciences, 2014, 13, 97-115.	1.1	17
68	Three-Dimensional Slice Image Overlay System with Accurate Depth Perception for Surgery. Lecture Notes in Computer Science, 2000, , 395-402.	1.0	16
69	Multiple sclerosis: Benefits of q-space imaging in evaluation of normal-appearing and periplaque white matter. Magnetic Resonance Imaging, 2014, 32, 625-629.	1.0	15
70	Pilot study of eruption forecasting with muography using convolutional neural network. Scientific Reports, 2020, 10, 5272.	1.6	15
71	Partially Uncrossed Pyramidal Tracts Shown by Tractography in Horizontal Gaze Palsy and Scoliosis. American Journal of Roentgenology, 2005, 184, S4-S6.	1.0	12
72	Landmark-guided diffeomorphic demons algorithm and its application to automatic segmentation of the whole spine and pelvis in CT images. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 413-430.	1.7	12

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73	Corticospinal tract-sparing intensity-modulated radiotherapy treatment planning. Reports of Practical Oncology and Radiotherapy, 2014, 19, 310-316.	0.3	11
74	Augmented reality visualization system for intravascular neurosurgery. Computer Aided Surgery, 1998, 3, 239-247.	1.8	11
75	Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction-Based Diffusion Tensor Imaging. Journal of Computer Assisted Tomography, 2004, 28, 654-660.	0.5	10
76	Performance improvement in computerized detection of cerebral aneurysms by retraining classifier using feedback data collected in routine reading environment. Journal of Biomedical Graphics and Computing, 2014, 4, .	0.2	10
77	Non-Gaussian diffusion-weighted imaging for assessing diurnal changes in intervertebral disc microstructure. Journal of Magnetic Resonance Imaging, 2014, 40, 1208-1214.	1.9	10
78	Development of interactive vessel modelling system for hepatic vasculature from MR images. Medical and Biological Engineering and Computing, 1995, 33, 97-101.	1.6	9
79	Automated Segmentation Method for Spinal Column Based on a Dual Elliptic Column Model and Its Application for Virtual Spinal Straightening. Journal of Computer Assisted Tomography, 2010, 34, 156-162.	0.5	9
80	A unified framework for concurrent detection of anatomical landmarks for medical image understanding. , 2011, , .		9
81	Development of an MRI-compatible needle insertion manipulator for stereotactic neurosurgery. , 1995, 1, 242.		9
82	HoTPIG: A Novel Geometrical Feature for Vessel Morphometry and Its Application to Cerebral Aneurysm Detection. Lecture Notes in Computer Science, 2015, , 103-110.	1.0	9
83	Quantitative Vascular Shape Analysis for 3D MR-Angiography Using Mathematical Morphology. Lecture Notes in Computer Science, 1995, , 449-454.	1.0	9
84	<title>Computer-assisted detection of pulmonary embolism</title>. , 2000, 3979, 944.		8
85	Diffusion property following functional hemispherectomy in hemimegalencephaly. Acta Radiologica, 2004, 45, 778-781.	0.5	8
86	Silent White Matter Lesion in Linear Scleroderma En Coup de Sabre. Journal of Computer Assisted Tomography, 2008, 32, 822-824.	0.5	8
87	Tract-specific analysis for investigation of Alzheimer disease: a brief review. Japanese Journal of Radiology, 2010, 28, 494-501.	1.0	8
88	4D digitally reconstructed radiography for verifying a lung tumor position during volumetric modulated arc therapy. Journal of Radiation Research, 2012, 53, 628-632.	0.8	8
89	Experimental system for measurement of radiologists's™ performance by visual search task. SpringerPlus, 2013, 2, 607.	1.2	8
90	Development of surgical simulator with high-quality visualization based on finite-element method and deformable volume rendering. Systems and Computers in Japan, 2006, 37, 67-76.	0.2	7

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91	Diffusion tensor imaging of the brain: effects of distortion correction with correspondence to numbers of encoding directions. <i>Radiation Medicine</i> , 2008, 26, 481-7.	0.8	7
92	Time Course of Diffusion Kurtosis in Cerebral Infarctions of Transient Middle Cerebral Artery Occlusion Rat Model. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 610-617.	0.7	7
93	Cone-beam CT reconstruction for non-periodic organ motion using time-ordered chain graph model. <i>Radiation Oncology</i> , 2017, 12, 145.	1.2	7
94	Novel platform for development, training, and validation of computer-assisted detection/diagnosis software. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 661-672.	1.7	7
95	Modally Controlled Free Form Deformation for Non-rigid Registration in Image-Guided Liver Surgery. <i>Lecture Notes in Computer Science</i> , 2001, , 1275-1278.	1.0	7
96	Quantitative Diffusion Tensor Analysis Using Multiple Tensor Ellipsoids Model and Tensor Field Interpolation at Fiber Crossing. <i>Academic Radiology</i> , 2008, 15, 84-92.	1.3	6
97	Noise Level Matching Improves Robustness of Diffusion Mri Parameter Inference by Synthetic Q-Space Learning. , 2019, , .		6
98	3-D Graph Cut Segmentation with Riemannian Metrics to Avoid the Shrinking Problem. <i>Lecture Notes in Computer Science</i> , 2011, 14, 554-561.	1.0	6
99	Clinical Machine Learning in Action. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2012, , 159-176.	0.2	6
100	Interactive virtualized display system for intravascular neurosurgery. <i>Lecture Notes in Computer Science</i> , 1997, , 427-435.	1.0	5
101	Visualization of Central Nervous System Nerve Communications Using Diffusion Tensor Imaging. <i>The Neuroradiology Journal</i> , 2004, 17, 135-144.	0.1	5
102	A Rod Matrix Compensator for Small-Field Intensity Modulated Radiation Therapy: A Preliminary Phantom Study. <i>IEEE Transactions on Biomedical Engineering</i> , 2007, 54, 943-946.	2.5	5
103	Cone Beam Computed Tomography Data Acquisition during VMAT Delivery with Subsequent Respiratory Phase Sorting Based on Projection Image Cross-correlation. <i>Journal of Radiation Research</i> , 2011, 52, 112-113.	0.8	5
104	Integrated Lymphography using Fluorescence Imaging and Magnetic Resonance Imaging in Intact Mice. <i>Molecular Imaging</i> , 2011, 10, 7290.2010.00049.	0.7	5
105	Integrated Imaging Approach to Tumor Model Mice Using Bioluminescence Imaging and Magnetic Resonance Imaging. <i>Molecular Imaging</i> , 2010, 9, 7290.2010.00013.	0.7	4
106	Reconstruction of the treatment area by use of sinogram in helical tomotherapy. <i>Radiation Oncology</i> , 2014, 9, 252.	1.2	4
107	Automatic detection of vertebral number abnormalities in body CT images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 719-732.	1.7	4
108	Prospective Study of Spatial Distribution of Missed Lung Nodules by Readers in CT Lung Screening Using Computer-assisted Detection. <i>Academic Radiology</i> , 2021, 28, 647-654.	1.3	4

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109	RBF-Based Representation of Volumetric Data: Application in Visualization and Segmentation. Lecture Notes in Computer Science, 2002, , 300-307.	1.0	4
110	Whole vertebral bone segmentation method with a statistical intensity-shape model based approach. , 2011, , .		3
111	Others: Four-dimensional Cone-Beam CT During SBRT. , 2015, , 225-236.		3
112	Automatic Extraction of the Cingulum Bundle in Diffusion Tensor Tract-specific Analysis: Feasibility Study in Parkinson's Disease with and without Dementia. Magnetic Resonance in Medical Sciences, 2013, 12, 201-213.	1.1	3
113	<title>Computer-aided detection of polyps in CT colonography based on geometric features</title>. , 2001, 4321, 53.		2
114	Corticospinal tract and corticobulbar tract dysfunction in ALS: combined study using transcranial magnetic stimulation and diffusion tensor tractography. International Congress Series, 2005, 1278, 181-184.	0.2	2
115	Distortion correction in whole-body imaging of live mice using a 1-Tesla compact magnetic resonance imaging system. Japanese Journal of Radiology, 2011, 29, 353-360.	1.0	2
116	Training Strategy for Performance Improvement in Computer-Assisted Detection of Lesions: Based on Multi-institutional Study in Teleradiology Environment. , 2013, , .		2
117	Lung tumor motion reproducibility for five patients who received four-fraction VMAT stereotactic ablative body radiotherapy under constrained breathing conditions: a preliminary study. Journal of Radiation Research, 2014, 55, 1199-1201.	0.8	2
118	Managing Computer-Assisted Detection System Based on Transfer Learning with Negative Transfer Inhibition. , 2018, , .		2
119	Quantitative vascular shape analysis for 3D MR-angiography using mathematical morphology. , 1995, , 449-454.		2
120	Appearance Similarity Flow for Quantification of Anatomical Landmark Uncertainty in Medical Images. Lecture Notes in Computer Science, 2012, , 12-21.	1.0	2
121	Understanding Medical Images Based on Computational Anatomy Models. , 2017, , 151-284.		2
122	A Multiple Anatomical Landmark Detection System for Body CT Images. , 2013, , .		1
123	Recent Advances in Parameter Inference for Diffusion MRI Signal Models. Magnetic Resonance in Medical Sciences, 2022, 21, 132-147.	1.1	1
124	Clinical Machine Learning in Action. , 0, , 621-638.		1
125	Building Statistical Atlas of White Matter Fiber Tract Based on Vector/Tensor Field Reconstruction in Diffusion Tensor MRI. Lecture Notes in Computer Science, 2005, , 84-91.	1.0	1
126	Computer Aided Surgery (CAS) System for Stereotactic Neurosurgery. Lecture Notes in Computer Science, 1995, , 247-251.	1.0	1



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127	Three-Dimensional Image-Guided Navigation with Overlaid Three-Dimensional Image (Volumegraph) and Volumetric Ultrasonogram (V-US). , 1997, , 123-130.		1
128	Multi-Dimensional Image Data Viewer with Flexible Extension Capability and its Application in Computer-Based Medical Systems. , 2008, , .		0
129	Neural correlates of long-term associative memory in human temporal cortex. Neuroscience Research, 2009, 65, S236.	1.0	0
130	Motion-robust diffusion tensor acquisition at routine 3T magnetic resonance imaging. Japanese Journal of Radiology, 2010, 28, 27-33.	1.0	0
131	Post-processing of Anatomical Landmark Detection: Distance Error Reduction by Pictorial Structure Matching-Based Method. , 2013, , .		0
132	Coarse-to-fine localization of anatomical landmarks in CT images based on multi-scale local appearance and rotation-invariant spatial landmark distribution model. , 2013, , .		0
133	Medical image understanding and Computational Anatomy. , 2015, , .		0
134	Analysis of the white matter fibers by Diffusion tensor tractography : preliminary clinical experience. The Japanese Journal for Medical Virtual Reality, 2003, 2, 35-42.	0.2	0
135	Preliminary Study on Appearance-Based Detection of Anatomical Point Landmarks in Body Trunk CT Images. Lecture Notes in Computer Science, 2010, , 174-181.	1.0	0
136	SU-GG-I-25: CBCT Reconstruction during VMAT Delivery Using Elekta Synergy System. Medical Physics, 2010, 37, 3107-3107.	1.6	0
137	SU-E-T-530: Projection Image Correction for 4D VMAT-CT. Medical Physics, 2011, 38, 3611-3611.	1.6	0
138	Alignment and Morphing for the Boundary Curves of Anatomical Organs. Lecture Notes in Computer Science, 2012, , 458-466.	1.0	0
139	The Mean Boundary Curve of Anatomical Objects. Lecture Notes in Computer Science, 2012, , 313-324.	1.0	0
140	Automatic Categorization of Anatomical Landmark-Local Appearances Based on Diffeomorphic Demons and Spectral Clustering for Constructing Detector Ensembles. Lecture Notes in Computer Science, 2012, 15, 106-113.	1.0	0
141	SU-E-J-33: Geometric Agreement Check for Imaging System with Radiation Beam by KV and MV-CBCT. Medical Physics, 2012, 39, 3659-3659.	1.6	0
142	SU-E-J-203: Determination of PTV Margin for Lung Tumor Using In-Treatment 4D CBCT. Medical Physics, 2012, 39, 3699-3699.	1.6	0
143	SU-E-J-122: Time-Ordered Four Dimensional Cone-Beam CT. Medical Physics, 2013, 40, 178-178.	1.6	0
144	SU-E-J-219: The Performance Test of EPID for In-Vivo Dosimetry. Medical Physics, 2013, 40, 202-202.	1.6	0

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145	SU-C-141-06: Registration Accuracy with Four-Dimensional Cone-Beam CT for Lung Cancer Treatment. Medical Physics, 2013, 40, 92-93.	1.6	0
146	SU-E-I-14: Improvement of Four Dimensional Cone Beam CT Image Quality with Iterative Reconstruction. Medical Physics, 2013, 40, 128-128.	1.6	0
147	Study on high speed vessel model reconstruction from MRI. Journal of Life Support Technology, 1992, 4, 116-123.	0.0	0
148	Basic Research for the Patient-Specific Surgery Support System—An Identification Algorithm of the Mesentery Using 3D Medical Images. Mathematics for Industry, 2017, , 77-86.	0.4	0
149	Diffusion MRI Fiber Tractography by Flow Field Formation with Extended Physarum Solver: A Pilot Study with 2D Phantoms. Mathematics and Visualization, 2020, , 183-192.	0.4	0
150	A Concept of Multidisciplinary Computational Anatomy (MCA). , 2022, , 13-16.		0
151	Comparison of Two Approaches for Diffusional Kurtosis Inference : Synthetic Q-space Learning and DWI Denoising [Presidential Award Proceedings]. Japanese Journal of Magnetic Resonance in Medicine, 2022, 42, 50-52.	0.0	0