

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
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161
all docs

161
docs citations

161
times ranked

6118
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Parameter Inference for Diffusion MRI Signal Models. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 132-147.	1.1	1
2	A Concept of Multidisciplinary Computational Anatomy (MCA). , 2022, , 13-16.		0
3	Comparison of Two Approaches for Diffusional Kurtosis Inference : Synthetic Q-space Learning and DWI Denoising [Presidential Award Proceedings]. <i>Japanese Journal of Magnetic Resonance in Medicine</i> , 2022, 42, 50-52.	0.0	0
4	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
5	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
6	Pilot study of eruption forecasting with muography using convolutional neural network. <i>Scientific Reports</i> , 2020, 10, 5272.	1.6	15
7	Diffusion MRI Fiber Tractography by Flow Field Formation with Extended Physarum Solver: A Pilot Study with 2D Phantoms. <i>Mathematics and Visualization</i> , 2020, , 183-192.	0.4	0
8	Noise Level Matching Improves Robustness of Diffusion Mri Parameter Inference by Synthetic Q-Space Learning. , 2019, , .		6
9	Managing Computer-Assisted Detection System Based on Transfer Learning with Negative Transfer Inhibition. , 2018, , .		2
10	Automatic detection of over 100 anatomical landmarks in medical CT images: A framework with independent detectors and combinatorial optimization. <i>Medical Image Analysis</i> , 2017, 35, 192-214.	7.0	18
11	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. <i>Magnetic Resonance Imaging</i> , 2017, 39, 24-30.	1.0	19
12	Landmark-guided diffeomorphic demons algorithm and its application to automatic segmentation of the whole spine and pelvis in CT images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 413-430.	1.7	12
13	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. <i>Japanese Journal of Radiology</i> , 2017, 35, 172-178.	1.0	321
14	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
15	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
16	Basic Research for the Patient-Specific Surgery Support System—An Identification Algorithm of the Mesentery Using 3D Medical Images. <i>Mathematics for Industry</i> , 2017, , 77-86.	0.4	0
17	Understanding Medical Images Based on Computational Anatomy Models. , 2017, , 151-284.		2
18	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

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19	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
20	Medical image understanding and Computational Anatomy. , 2015, , .		0
21	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
22	Others: Four-dimensional Cone-Beam CT During SBRT. , 2015, , 225-236.		3
23	Development of Automatic Visceral Fat Volume Calculation Software for CT Volume Data. Journal of Obesity, 2014, 2014, 1-7.	1.1	39
24	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
25	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
26	Reconstruction of the treatment area by use of sinogram in helical tomotherapy. Radiation Oncology, 2014, 9, 252.	1.2	4
27	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
28	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
29	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
30	Corticospinal tract-sparing intensity-modulated radiotherapy treatment planning. Reports of Practical Oncology and Radiotherapy, 2014, 19, 310-316.	0.3	11
31	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
32	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
33	Effects of diffusional kurtosis imaging parameters on diffusion quantification. Radiological Physics and Technology, 2013, 6, 343-348.	1.0	26
34	Experimental system for measurement of radiologists's performance by visual search task. SpringerPlus, 2013, 2, 607.	1.2	8
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. International Journal of Radiation Oncology Biology Physics, 2013, 86, 426-431.	0.4	40
36	A Multiple Anatomical Landmark Detection System for Body CT Images. , 2013, , .		1

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37	Training Strategy for Performance Improvement in Computer-Assisted Detection of Lesions: Based on Multi-institutional Study in Teleradiology Environment. , 2013, , .		2
38	Post-processing of Anatomical Landmark Detection: Distance Error Reduction by Pictorial Structure Matching-Based Method. , 2013, , .		0
39	Diffusional kurtosis imaging of normal-appearing white matter in multiple sclerosis: preliminary clinical experience. Japanese Journal of Radiology, 2013, 31, 50-55.	1.0	69
40	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
41	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
42	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
43	SU-E-J-122: Time-Ordered Four Dimensional Cone-Beam CT. Medical Physics, 2013, 40, 178-178.	1.6	0
44	SU-E-J-219: The Performance Test of EPID for In-Vivo Dosimetry. Medical Physics, 2013, 40, 202-202.	1.6	0
45	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
46	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
47	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
48	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
49	Outcomes of Diffusion Tensor Tractographyâ€“Integrated Stereotactic Radiosurgery. International Journal of Radiation Oncology Biology Physics, 2012, 82, 799-802.	0.4	44
50	Integration of Corticospinal Tractography Reduces Motor Complications After Radiosurgery. International Journal of Radiation Oncology Biology Physics, 2012, 83, 129-133.	0.4	41
51	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
52	In-treatment 4D cone-beam CT with image-based respiratory phase recognition. Radiological Physics and Technology, 2012, 5, 138-147.	1.0	27
53	New diffusion metrics for spondylotic myelopathy at an early clinical stage. European Radiology, 2012, 22, 1797-1802.	2.3	63
54	Tract-specific analysis of white matter integrity disruption in schizophrenia. Psychiatry Research - Neuroimaging, 2012, 201, 136-143.	0.9	55

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55	Clinical Machine Learning in Action. Advances in Bioinformatics and Biomedical Engineering Book Series, 2012, , 159-176.	0.2	6
56	Alignment and Morphing for the Boundary Curves of Anatomical Organs. Lecture Notes in Computer Science, 2012, , 458-466.	1.0	0
57	The Mean Boundary Curve of Anatomical Objects. Lecture Notes in Computer Science, 2012, , 313-324.	1.0	0
58	Appearance Similarity Flow for Quantification of Anatomical Landmark Uncertainty in Medical Images. Lecture Notes in Computer Science, 2012, , 12-21.	1.0	2
59	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
60	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
61	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
62	4D-CBCT reconstruction using MV portal imaging during volumetric modulated arc therapy. Radiotherapy and Oncology, 2011, 100, 380-385.	0.3	24
63	Cone Beam Computed Tomography Data Acquisition during VMAT Delivery with Subsequent Respiratory Phase Sorting Based on Projection Image Cross-correlation. Journal of Radiation Research, 2011, 52, 112-113.	0.8	5
64	Integrated Lymphography using Fluorescence Imaging and Magnetic Resonance Imaging in Intact Mice. Molecular Imaging, 2011, 10, 7290.2010.00049.	0.7	5
65	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
66	Whole vertebral bone segmentation method with a statistical intensity-shape model based approach. , 2011, , .		3
67	A unified framework for concurrent detection of anatomical landmarks for medical image understanding. , 2011, , .		9
68	3-D Graph Cut Segmentation with Riemannian Metrics to Avoid the Shrinking Problem. Lecture Notes in Computer Science, 2011, 14, 554-561.	1.0	6
69	SU-E-T-530: Projection Image Correction for 4D VMAT-CT. Medical Physics, 2011, 38, 3611-3611.	1.6	0
70	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
71	Tract-specific analysis for investigation of Alzheimer disease: a brief review. Japanese Journal of Radiology, 2010, 28, 494-501.	1.0	8
72	Age-related changes in regional brain volume evaluated by atlas-based method. Neuroradiology, 2010, 52, 865-873.	1.1	31

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73	Diffusion tensor tract-specific analysis of the uncinate fasciculus in patients with amyotrophic lateral sclerosis. <i>Neuroradiology</i> , 2010, 52, 729-733.	1.1	30
74	Motion-robust diffusion tensor acquisition at routine 3T magnetic resonance imaging. <i>Japanese Journal of Radiology</i> , 2010, 28, 27-33.	1.0	0
75	Voxel-based analyses of gray/white matter volume and diffusion tensor data in major depression. <i>Psychiatry Research - Neuroimaging</i> , 2010, 181, 64-70.	0.9	175
76	Sex dimorphism in gray/white matter volume and diffusion tensor during normal aging. <i>NMR in Biomedicine</i> , 2010, 23, 446-458.	1.6	37
77	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
78	Preliminary Study on Appearance-Based Detection of Anatomical Point Landmarks in Body Trunk CT Images. <i>Lecture Notes in Computer Science</i> , 2010, , 174-181.	1.0	0
79	SU-GG-I-25: CBCT Reconstruction during VMAT Delivery Using Elekta Synergy System. <i>Medical Physics</i> , 2010, 37, 3107-3107.	1.6	0
80	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
81	Arcuate fasciculus tractography integrated into Gamma Knife surgery. <i>Journal of Neurosurgery</i> , 2009, 111, 520-526.	0.9	25
82	The motor-evoked potential threshold evaluated by tractography and electrical stimulation. <i>Journal of Neurosurgery</i> , 2009, 111, 785-795.	0.9	138
83	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
84	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
85	Neural correlates of long-term associative memory in human temporal cortex. <i>Neuroscience Research</i> , 2009, 65, S236.	1.0	0
86	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. <i>Neuroradiology</i> , 2008, 50, 293-299.	1.1	136
87	Diffusion abnormality in posterior cingulate fiber tracts in Alzheimer's disease: tract-specific analysis. <i>Radiation Medicine</i> , 2008, 26, 466-73.	0.8	34
88	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
89	Tolerance of Pyramidal Tract to Gamma Knife Radiosurgery Based on Diffusion-Tensor Tractography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 1330-1335.	0.4	37
90	Tract-specific analysis of the superior occipitofrontal fasciculus in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 198-205.	0.9	26

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91	Aging in the CNS: Comparison of gray/white matter volume and diffusion tensor data. <i>Neurobiology of Aging</i> , 2008, 29, 102-116.	1.5	219
92	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
93	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
94	Diffusion-Tensor Neuronal Fiber Tractography and Manganese-enhanced MR Imaging of Primate Visual Pathway in the Common Marmoset: Preliminary Results. <i>Radiology</i> , 2008, 249, 855-864.	3.6	37
95	Multi-Dimensional Image Data Viewer with Flexible Extension Capability and its Application in Computer-Based Medical Systems. , 2008, , .		0
96	Silent White Matter Lesion in Linear Scleroderma En Coup de Sabre. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 822-824.	0.5	8
97	Visualization of the frontotemporal language fibers by tractography combined with functional magnetic resonance imaging and magnetoencephalography. <i>Journal of Neurosurgery</i> , 2007, 106, 90-98.	0.9	100
98	Optic radiation tractography integrated into simulated treatment planning for Gamma Knife surgery. <i>Journal of Neurosurgery</i> , 2007, 107, 721-726.	0.9	52
99	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. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1399-1404.	1.9	33
100	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
101	Primary face motor area as the motor representation of articulation. <i>Journal of Neurology</i> , 2007, 254, 442-447.	1.8	25
102	3T PROPELLER diffusion tensor fiber tractography: a feasibility study for cranial nerve fiber tracking. <i>Radiation Medicine</i> , 2007, 25, 462-466.	0.8	37
103	Liver CT image processing: A short introduction of the technical elements. <i>European Journal of Radiology</i> , 2006, 58, 246-251.	1.2	39
104	Corticospinal Tracts by Diffusion Tensor Tractography in Patients With Arteriovenous Malformations. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 618-623.	0.5	37
105	Development of surgical simulator with high-quality visualization based on finite-element method and deformable volume rendering. <i>Systems and Computers in Japan</i> , 2006, 37, 67-76.	0.2	7
106	Flexible ex vivo phantoms for validation of diffusion tensor tractography on a clinical scanner. <i>Radiation Medicine</i> , 2006, 24, 605-609.	0.8	22
107	Voxel-based diffusion tensor analysis reveals aberrant anterior cingulum integrity in posttraumatic stress disorder due to terrorism. <i>Psychiatry Research - Neuroimaging</i> , 2006, 146, 231-242.	0.9	119
108	Diffusion Tensor Tractography of Gliomatosis Cerebri. <i>Journal of Computer Assisted Tomography</i> , 2005, 29, 127-129.	0.5	49

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109	Functional Identification of the Primary Motor Area by Corticospinal Tractography. Operative Neurosurgery, 2005, 56, 98-109.	0.4	61
110	Functional Monitoring for Visual Pathway Using Real-time Visual Evoked Potentials and Optic-radiation Tractography. Operative Neurosurgery, 2005, 57, 121-127.	0.4	56
111	Partially Uncrossed Pyramidal Tracts Shown by Tractography in Horizontal Gaze Palsy and Scoliosis. American Journal of Roentgenology, 2005, 184, S4-S6.	1.0	12
112	Combined use of tractography-integrated functional neuronavigation and direct fiber stimulation. Journal of Neurosurgery, 2005, 102, 664-672.	0.9	186
113	Integration of three-dimensional corticospinal tractography into treatment planning for gamma knife surgery. Journal of Neurosurgery, 2005, 102, 673-677.	0.9	55
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	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
116	Quantitative evaluation of the pyramidal tract segmented by diffusion tensor tractography: feasibility study in patients with amyotrophic lateral sclerosis. Radiation Medicine, 2005, 23, 195-9.	0.8	73
117	Diffusion property following functional hemispherectomy in hemimegalencephaly. Acta Radiologica, 2004, 45, 778-781.	0.5	8
118	Amyotrophic lateral sclerosis: diffusion tensor tractography and voxel-based analysis. NMR in Biomedicine, 2004, 17, 411-416.	1.6	130
119	Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction-Based Diffusion Tensor Imaging. Journal of Computer Assisted Tomography, 2004, 28, 654-660.	0.5	10
120	Visualization of Central Nervous System Nerve Communications Using Diffusion Tensor Imaging. The Neuroradiology Journal, 2004, 17, 135-144.	0.1	5
121	Development of surgical simulator based on FEM and deformable volume-rendering. , 2004, , .		18
122	Topography of the Human Corpus Callosum Using Diffusion Tensor Tractography. Journal of Computer Assisted Tomography, 2004, 28, 533-539.	0.5	134
123	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
124	Three-dimensional white matter tractography by diffusion tensor imaging in ischaemic stroke involving the corticospinal tract. Neuroradiology, 2003, 45, 532-535.	1.1	218
125	MR diffusion tensor imaging: recent advance and new techniques for diffusion tensor visualization. European Journal of Radiology, 2003, 46, 53-66.	1.2	301
126	MR imaging of ischemic penumbra. European Journal of Radiology, 2003, 46, 67-78.	1.2	22

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127	Feasibility of a Curvature-based Enhanced Display System for Detecting Cerebral Aneurysms in MR Angiography. <i>Magnetic Resonance in Medical Sciences</i> , 2003, 2, 29-36.	1.1	19
128	Analysis of the white matter fibers by Diffusion tensor tractography : preliminary clinical experience. <i>The Japanese Journal for Medical Virtual Reality</i> , 2003, 2, 35-42.	0.2	0
129	Computerized Detection of Colonic Polyps at CT Colonography on the Basis of Volumetric Features: Pilot Study. <i>Radiology</i> , 2002, 222, 327-336.	3.6	236
130	Computerized detection of pulmonary embolism in spiral CT angiography based on volumetric image analysis. <i>IEEE Transactions on Medical Imaging</i> , 2002, 21, 1517-1523.	5.4	108
131	RBF-Based Representation of Volumetric Data: Application in Visualization and Segmentation. <i>Lecture Notes in Computer Science</i> , 2002, , 300-307.	1.0	4
132	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
133	<title>Computer-aided detection of polyps in CT colonography based on geometric features</title>. , 2001, 4321, 53.		2
134	Automated Segmentation and Visualization of the Pulmonary Vascular Tree in Spiral CT Angiography: An Anatomy-Oriented Approach Based on Three-Dimensional Image Analysis. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 587-597.	0.5	19
135	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
136	<title>Computer-assisted detection of pulmonary embolism</title>. , 2000, 3979, 944.		8
137	Three-Dimensional Slice Image Overlay System with Accurate Depth Perception for Surgery. <i>Lecture Notes in Computer Science</i> , 2000, , 395-402.	1.0	16
138	Augmented Reality Visualization System for Intravascular Neurosurgery. <i>Computer Aided Surgery</i> , 1998, 3, 239-247.	1.8	37
139	Augmented reality visualization system for intravascular neurosurgery. <i>Computer Aided Surgery</i> , 1998, 3, 239-247.	1.8	11
140	Interactive virtualized display system for intravascular neurosurgery. <i>Lecture Notes in Computer Science</i> , 1997, , 427-435.	1.0	5
141	Volumegraph (Overlaid Three-Dimensional Image-Guided Navigation). <i>Stereotactic and Functional Neurosurgery</i> , 1997, 68, 18-24.	0.8	77
142	Three-Dimensional Image-Guided Navigation with Overlaid Three-Dimensional Image (Volumegraph) and Volumetric Ultrasonogram (V-US). , 1997, , 123-130.		1
143	Development of interactive vessel modelling system for hepatic vasculature from MR images. <i>Medical and Biological Engineering and Computing</i> , 1995, 33, 97-101.	1.6	9
144	Development of an MRI-Compatible Needle Insertion Manipulator for Stereotactic Neurosurgery. <i>Computer Aided Surgery</i> , 1995, 1, 242-248.	1.8	27

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145	Development of an MRI-compatible needle insertion manipulator for stereotactic neurosurgery. Journal of Image Guided Surgery, 1995, 1, 242-248.	0.4	251
146	Development of an MRI-compatible needle insertion manipulator for stereotactic neurosurgery. , 1995, 1, 242.		9
147	Quantitative Vascular Shape Analysis for 3D MR-Angiography Using Mathematical Morphology. Lecture Notes in Computer Science, 1995, , 449-454.	1.0	9
148	Quantitative vascular shape analysis for 3D MR-angiography using mathematical morphology. , 1995, , 449-454.		2
149	Computer Aided Surgery (CAS) System for Stereotactic Neurosurgery. Lecture Notes in Computer Science, 1995, , 247-251.	1.0	1
150	Study on high speed vessel model reconstruction from MRI. Journal of Life Support Technology, 1992, 4, 116-123.	0.0	0
151	Clinical Machine Learning in Action. , 0, , 621-638.		1