# Ã–rjan Smedby

## List of Publications by Year
in descending order

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|---|---|---|---|
| 167 papers | 4,310 citations | 145106 33 h-index | 150775 59 g-index |
| 172 all docs | 172 docs citations | 172 times ranked | 6695 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | MRI-derived brain age as a biomarker of ageing in rats: validation using a healthy lifestyle intervention. Neurobiology of Aging, 2022, 109, 204-215. | 1.5 | 6 |
| 2 | Spherical Convolutional Neural Networks for Survival Rate Prediction in Cancer Patients. Frontiers in Oncology, 2022, 12, 870457. | 1.3 | 2 |
| 3 | Tumor Detection in PET/CT Using Multimodal Image Inpainting. Nuklearmedizin - NuclearMedicine, 2022, 61, . | 0.3 | 0 |
| 4 | IMAGE QUALITY AND POTENTIAL DOSE REDUCTION USING ADVANCED MODELED ITERATIVE RECONSTRUCTION (ADMIRE) IN ABDOMINAL CT - A REVIEW. Radiation Protection Dosimetry, 2021, 195, 177-187. | 0.4 | 13 |
| 5 | Benign-malignant pulmonary nodule classification in low-dose CT with convolutional features. Physica Medica, 2021, 83, 146-153. | 0.4 | 29 |
| 6 | A Comparative Study of Radiomics and Deep-Learning Based Methods for Pulmonary Nodule Malignancy Prediction in Low Dose CT Images. Frontiers in Oncology, 2021, 11, 737368. | 1.3 | 13 |
| 7 | A Multi-Organ Nucleus Segmentation Challenge. IEEE Transactions on Medical Imaging, 2020, 39, 1380-1391. | 5.4 | 259 |
| 8 | Assessment of image quality in abdominal computed tomography: Effect of model-based iterative reconstruction, multi-planar reconstruction and slice thickness on potential dose reduction. European Journal of Radiology, 2020, 122, 108703. | 1.2 | 11 |
| 9 | Quantitative MRI using relaxometry in malignant gliomas detects contrast enhancement in peritumoral oedema. Scientific Reports, 2020, 10, 17986. | 1.6 | 27 |
| 10 | Shape Information Improves the Cross-Cohort Performance of Deep Learning-Based Segmentation of the Hippocampus. Frontiers in Neuroscience, 2020, 14, 15. | 1.4 | 16 |
| 11 | Fully bayesian longitudinal unsupervised learning for the assessment and visualization of AD heterogeneity and progression. Aging, 2020, 12, 12622-12647. | 1.4 | 11 |
| 12 | A comparative study of trabecular bone micro-structural measurements using different CT modalities. Physics in Medicine and Biology, 2020, 65, 235029. | 1.6 | 13 |
| 13 | Evaluation of algorithms for Multi-Modality Whole Heart Segmentation: An open-access grand challenge. Medical Image Analysis, 2019, 58, 101537. | 7.0 | 180 |
| 14 | Voxel-Wise Clustering of Tractography Data for Building Atlases of Local Fiber Geometry. Mathematics and Visualization, 2019, , 345-357. | 0.4 | 2 |
| 15 | Comparison of acquisition protocols for ventilation/perfusion SPECT—a Monte Carlo study. Physics in Medicine and Biology, 2019, 64, 235018. | 1.6 | 2 |
| 16 | OC-0406 Early survival prediction in non-small cell lung cancer with PET/CT size aware longitudinal pattern. Radiotherapy and Oncology, 2019, 133, S208-S209. | 0.3 | 0 |
| 17 | Image quality and pathology assessment in CT Urography: when is the low-dose series sufficient?. BMC Medical Imaging, 2019, 19, 64. | 1.4 | 7 |
| 18 | Early survival prediction in non-small cell lung cancer from PET/CT images using an intra-tumor partitioning method. Physica Medica, 2019, 60, 58-65. | 0.4 | 40 |

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|---|---------|----|-----------|
| 19 | Pelvis Segmentation Using Multi-pass U-Net and Iterative Shape Estimation. Lecture Notes in Computer Science, 2019, , 49-57. | 1.0 | 7 |
| 20 | Normal Appearance Autoencoder for Lung Cancer Detection and Segmentation. Lecture Notes in Computer Science, 2019, , 249-256. | 1.0 | 21 |
| 21 | Automatic rat brain segmentation from MRI using statistical shape models and random forest. , 2019, , . | | 6 |
| 22 | Direct estimation of human trabecular bone stiffness using cone beam computed tomography. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2018, 126, 72-82. | 0.2 | 6 |
| 23 | Assessment of image quality in abdominal CT: potential dose reduction with model-based iterative reconstruction. European Radiology, 2018, 28, 2464-2473. | 2.3 | 44 |
| 24 | Quantitative Measurements Versus Receiver Operating Characteristics and Visual Grading Regression in CT Images Reconstructed with Iterative Reconstruction. Academic Radiology, 2018, 25, 509-518. | 1.3 | 8 |
| 25 | Automatic Whole Heart Segmentation Using Deep Learning and Shape Context. Lecture Notes in Computer Science, 2018, , 242-249. | 1.0 | 23 |
| 26 | Image Denoising with Convolutional Neural Networks for Percutaneous Transluminal Coronary Angioplasty. Lecture Notes in Computational Vision and Biomechanics, 2018, , 255-265. | 0.5 | 0 |
| 27 | Effects of Preprocessing in Slice-Level Classification of Interstitial Lung Disease Based on Deep Convolutional Networks. Lecture Notes in Computational Vision and Biomechanics, 2018, , 624-629. | 0.5 | 0 |
| 28 | Automatic brain segmentation using artificial neural networks with shape context. Pattern Recognition Letters, 2018, 101, 74-79. | 2.6 | 31 |
| 29 | Early tumor response prediction for lung cancer patients using novel longitudinal pattern features from sequential PET/CT image scans. Physica Medica, 2018, 54, 21-29. | 0.4 | 38 |
| 30 | Breast Cancer Histological Image Classification Using Fine-Tuned Deep Network Fusion. Lecture Notes in Computer Science, 2018, , 754-762. | 1.0 | 18 |
| 31 | Changes in brain architecture are consistent with altered fear processing in domestic rabbits. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7380-7385. | 3.3 | 45 |
| 32 | Convolutional neural network-based image enhancement for x-ray percutaneous coronary intervention. Journal of Medical Imaging, 2018, 5, 1. | 0.8 | 2 |
| 33 | Segmentation of cortical bone using fast level sets. , 2017, , . | | 0 |
| 34 | Improved centerline tree detection of diseased peripheral arteries with a cascading algorithm for vascular segmentation. Journal of Medical Imaging, 2017, 4, 024004. | 0.8 | 4 |
| 35 | A Study of Coronary Bifurcation Shape in a Normal Population. Journal of Cardiovascular Translational Research, 2017, 10, 82-90. | 1.1 | 22 |
| 36 | Quantitative MRI for analysis of peritumoral edema in malignant gliomas. PLoS ONE, 2017, 12, e0177135. | 1.1 | 70 |

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| 37 | Skeleton-based fast, fully automated generation of vessel tree structure for clinical evaluation of blood vessel systems. , 2017, , 345-382. | | 2 |
| 38 | Multiorgan Segmentation Using Coherent Propagating Level Set Method Guided by Hierarchical Shape Priors and Local Phase Information. , 2017, , 165-183. | | 2 |
| 39 | Automatic Heart and Vessel Segmentation Using Random Forests and a Local Phase Guided Level Set Method. Lecture Notes in Computer Science, 2017, , 159-164. | 1.0 | 2 |
| 40 | Feature Space Clustering for Trabecular Bone Segmentation. Lecture Notes in Computer Science, 2017, , 65-75. | 1.0 | 8 |
| 41 | Classification of Cross-sections for Vascular Skeleton Extraction Using Convolutional Neural Networks. Communications in Computer and Information Science, 2017, , 182-194. | 0.4 | 1 |
| 42 | Granulometry-Based Trabecular Bone Segmentation. Lecture Notes in Computer Science, 2017, , 100-108. | 1.0 | 0 |
| 43 | Airway-Tree Segmentation in Subjects with Acute Respiratory Distress Syndrome. Lecture Notes in Computer Science, 2017, , 76-87. | 1.0 | 1 |
| 44 | Quantitative MRI for Analysis of Active Multiple Sclerosis Lesions without Gadolinium-Based Contrast Agent. American Journal of Neuroradiology, 2016, 37, 94-100. | 1.2 | 49 |
| 45 | An efficient radiographic Image Retrieval system using Convolutional Neural Network. , 2016, , . | | 9 |
| 46 | An Investigation of Fat Infiltration of the Multifidus Muscle in Patients With Severe Neck Symptoms Associated With Chronic Whiplash-Associated Disorder. Journal of Orthopaedic and Sports Physical Therapy, 2016, 46, 886-893. | 1.7 | 50 |
| 47 | Vesselness estimation through higher-order orientation tensors. , 2016, , . | | 1 |
| 48 | Steering second-order tensor voting by vote clustering. , 2016, , . | | 0 |
| 49 | Prediction of apparent trabecular bone stiffness through fourth-order fabric tensors. Biomechanics and Modeling in Mechanobiology, 2016, 15, 831-844. | 1.4 | 12 |
| 50 | Fast vascular skeleton extraction algorithm. Pattern Recognition Letters, 2016, 76, 67-75. | 2.6 | 10 |
| 51 | Standardized Evaluation System for Left Ventricular Segmentation Algorithms in 3D Echocardiography. IEEE Transactions on Medical Imaging, 2016, 35, 967-977. | 5.4 | 82 |
| 52 | Non-rigid point set registration of curves: registration of the superficial vessel centerlines of the brain. , 2016, , . | | 0 |
| 53 | Superficial vessel reconstruction with a multiview camera system. Journal of Medical Imaging, 2016, 3, 015001. | 0.8 | 3 |
| 54 | Predicting Trabecular Bone Stiffness from Clinical Cone-Beam CT and HR-pQCT Data; an In Vitro Study Using Finite Element Analysis. PLoS ONE, 2016, 11, e0161101. | 1.1 | 23 |

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|---|---------|-----|-----------|
| 55 | A computational atlas of normal coronary artery anatomy. EuroIntervention, 2016, 12, 845-854. | 1.4 | 43 |
| 56 | Real-Time Interactive 3D Tumor Segmentation Using a Fast Level-Set Algorithm. Journal of Medical Imaging and Health Informatics, 2015, 5, 1998-2002. | 0.2 | 2 |
| 57 | Regression models for analyzing radiological visual grading studies â€" an empirical comparison. BMC Medical Imaging, 2015, 15, 49. | 1.4 | 12 |
| 58 | Consistent intensity inhomogeneity correction in water-fat MRI. Journal of Magnetic Resonance Imaging, 2015, 42, 468-476. | 1.9 | 23 |
| 59 | Fistula Diameter Correlates with Echocardiographic Characteristics in Stable Hemodialysis Patients. Nephrology @ Point of Care, 2015, 1, pocj.5000193. | 0.2 | 2 |
| 60 | MRBrainS Challenge: Online Evaluation Framework for Brain Image Segmentation in 3T MRI Scans. Computational Intelligence and Neuroscience, 2015, 2015, 1-16. | 1.1 | 179 |
| 61 | Coverage segmentation of 3D thin structures. , 2015, , . | | 1 |
| 62 | Visual assessment of biliary excretion of Gd-EOB-DTPA in patients with suspected diffuse liver disease â€" A biopsy-verified prospective study. European Journal of Radiology Open, 2015, 2, 19-25. | 0.7 | 7 |
| 63 | Increased fatty infiltration of the multifidus muscle in individuals with severe disability due to chronic whiplash-associated disorders. Physiotherapy, 2015, 101, e1190. | 0.2 | 0 |
| 64 | How to measure renal artery stenosis - a retrospective comparison of morphological measurement approaches in relation to hemodynamic significance. BMC Medical Imaging, 2015, 15, 42. | 1.4 | 11 |
| 65 | Gradient-based enhancement of tubular structures in medical images. Medical Image Analysis, 2015, 26, 19-29. | 7.0 | 22 |
| 66 | Anisotropy Estimation of Trabecular Bone in Gray-Scale: Comparison Between Cone Beam and Micro Computed Tomography Data. Lecture Notes in Computational Vision and Biomechanics, 2015, , 207-220. | 0.5 | 3 |
| 67 | Multi-organ Segmentation Using Shape Model Guided Local Phase Analysis. Lecture Notes in Computer Science, 2015, , 149-156. | 1.0 | 7 |
| 68 | Visualization of liver lesions in standardized video-documented ultrasonography â€" inter-observer agreement and effect of contrast injection. Medical Ultrasonography, 2015, 17, 437-43. | 0.4 | 0 |
| 69 | Normal Appearing and Diffusely Abnormal White Matter in Patients with Multiple Sclerosis Assessed with Quantitative MR. PLoS ONE, 2014, 9, e95161. | 1.1 | 56 |
| 70 | Volume-Based Fabric Tensors through Lattice-Boltzmann Simulations. , 2014, , . | | 3 |
| 71 | Automatic Multi-organ Segmentation in Non-enhanced CT Datasets Using Hierarchical Shape Priors. , 2014, , . | | 12 |
| 72 | Fast level-set based image segmentation using coherent propagation. Medical Physics, 2014, 41, 073501. | 1.6 | 35 |

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| 73 | Trabecular bone histomorphometric measurements and contrast-to-noise ratio in CBCT. Dentomaxillofacial Radiology, 2014, 43, 20140196. | 1.3 | 21 |
| 74 | Trabecular bone structure parameters from 3D image processing of clinical multi-slice and cone-beam computed tomography data. Skeletal Radiology, 2014, 43, 197-204. | 1.2 | 43 |
| 75 | Techniques for Computing Fabric Tensors: A Review. Mathematics and Visualization, 2014, , 271-292. | 0.4 | 20 |
| 76 | Model-based left ventricle segmentation in 3D ultrasound using phase image. , 2014, , . |  | 8 |
| 77 | Separation of advanced from mild hepatic fibrosis by quantification of the hepatobiliary uptake of Gd-EOB-DTPA. European Radiology, 2013, 23, 174-181. | 2.3 | 61 |
| 78 | Real-time intraoperative visualization of myocardial circulation using augmented reality temperature display. International Journal of Cardiovascular Imaging, 2013, 29, 521-528. | 0.7 | 18 |
| 79 | Single-Monitor-Mirror Stereoscopic Display. Journal of Graphics Tools, 2013, 17, 85-97. | 0.3 | 0 |
| 80 | Stereoscopic static depth perception of enclosed 3D objects. , 2013, , . |  | 5 |
| 81 | Quantifying the potential for dose reduction with visual grading regression. British Journal of Radiology, 2013, 86, 31197714-31197714. | 1.0 | 20 |
| 82 | Patient dose and image quality in low-dose abdominal CT: a comparison between iterative reconstruction and filtered back projection. Acta Radiologica, 2013, 54, 540-548. | 0.5 | 7 |
| 83 | Do Radiologists Agree on Findings in Radiographer-Acquired Sonographic Examinations?. Journal of Ultrasound in Medicine, 2013, 32, 513-518. | 0.8 | 9 |
| 84 | Increased Concentrations of Glutamate and Glutamine in Normal-Appearing White Matter of Patients with Multiple Sclerosis and Normal MR Imaging Brain Scans. PLoS ONE, 2013, 8, e61817. | 1.1 | 62 |
| 85 | Vessel Wall Segmentation Using Implicit Models and Total Curvature Penalizers. Lecture Notes in Computer Science, 2013, , 299-308. | 1.0 | 4 |
| 86 | Non-rigid Deformation Pipeline for Compensation of Superficial Brain Shift. Lecture Notes in Computer Science, 2013, 16, 141-148. | 1.0 | 15 |
| 87 | Fully automatic brain segmentation using model-guided level sets and skeleton-based models. , 2013, , . |  | 5 |
| 88 | Can segmented 3D images be used for stenosis evaluation in coronary CT angiography?. Acta Radiologica, 2012, 53, 845-851. | 0.5 | 3 |
| 89 | Evaluation of the plate-rod model assumption of trabecular bone. , 2012, , . |  | 4 |
| 90 | Synthetic Mri of the Brain in a Clinical Setting. Acta Radiologica, 2012, 53, 1158-1163. | 0.5 | 101 |

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| 91 | Application of adaptive non-linear 2D and 3D postprocessing filters for reduced dose abdominal CT. Acta Radiologica, 2012, 53, 335-342. | 0.5 | 13 |
| 92 | Generalizing the mean intercept length tensor for gray-level images. Medical Physics, 2012, 39, 4599-4612. | 1.6 | 32 |
| 93 | Visual grading regression with random effects. Proceedings of SPIE, 2012, , . | 0.8 | 4 |
| 94 | Estimation of trabecular thickness in gray-scale images through granulometric analysis. Proceedings of SPIE, 2012, , . | 0.8 | 11 |
| 95 | Quantifying effects of post-processing with visual grading regression. , 2012, , . | | 0 |
| 96 | Postangioplasty Restenosis Followed with Magnetic Resonance Imaging in an Atherosclerotic Rabbit Model. International Journal of Biomedical Imaging, 2012, 2012, 1-8. | 3.0 | 25 |
| 97 | Quantifying differences in hepatic uptake of the liver specific contrast agents Gd-EOB-DTPA and Gd-BOPTA: a pilot study. European Radiology, 2012, 22, 642-653. | 2.3 | 73 |
| 98 | Quantifying the potential for dose reduction with visual grading regression. British Journal of Radiology, 2012, 86, 20110784-20110784. | 1.0 | 10 |
| 99 | Effects of moderate red wine consumption on liver fat and blood lipids: a prospective randomized study. Annals of Medicine, 2011, 43, 545-554. | 1.5 | 46 |
| 100 | Soft classification of trabeculae in trabecular bone. , 2011, , . | | 5 |
| 101 | Radiographer-acquired and radiologist-reviewed ultrasound examination â€“ agreement with radiologist's bedside evaluation. Acta Radiologica, 2011, 52, 70-74. | 0.5 | 11 |
| 102 | Level-set based vessel segmentation accelerated with periodic monotonic speed function. , 2011, , . | | 18 |
| 103 | The efficacy of 2D, non-linear noise reduction filtering in cardiac imaging: a pilot study. Acta Radiologica, 2011, 52, 716-722. | 0.5 | 16 |
| 104 | Visual grading of 2D and 3D functional MRI compared with image-based descriptive measures. European Radiology, 2010, 20, 714-724. | 2.3 | 2 |
| 105 | Integrating automatic and interactive methods for coronary artery segmentation: let the PACS workstation think ahead. International Journal of Computer Assisted Radiology and Surgery, 2010, 5, 275-285. | 1.7 | 12 |
| 106 | Making the PACS workstation a browser of image processing software: a feasibility study using inter-process communication techniques. International Journal of Computer Assisted Radiology and Surgery, 2010, 5, 411-419. | 1.7 | 5 |
| 107 | Iodinated Contrast Opacification Gradients in Normal Coronary Arteries Imaged With Prospectively ECG-Gated Single Heart Beat 320-Detector Row Computed Tomography. Circulation: Cardiovascular Imaging, 2010, 3, 179-186. | 1.3 | 138 |
| 108 | Visual grading regression: analysing data from visual grading experiments with regression models. British Journal of Radiology, 2010, 83, 767-775. | 1.0 | 64 |

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| 109 | Non-invasive investigations of potential renal artery stenosis in renal insufficiency. Nephrology Dialysis Transplantation, 2010, 25, 3607-3614. | 0.4 | 25 |
| 110 | Soft tissue discrimination ex vivo by dual energy computed tomography. European Journal of Radiology, 2010, 75, e124-e128. | 1.2 | 27 |
| 111 | Liver vessel enhancement by gd-bopta and gd-eob-dtpa: a comparison in healthy volunteers. Acta Radiologica, 2009, 50, 709-715. | 0.5 | 68 |
| 112 | Webâ€based interactive 3D visualization as a tool for improved anatomy learning. Anatomical Sciences Education, 2009, 2, 61-68. | 2.5 | 194 |
| 113 | Standardized evaluation methodology and reference database for evaluating coronary artery centerline extraction algorithms. Medical Image Analysis, 2009, 13, 701-714. | 7.0 | 295 |
| 114 | An interactive software module for visualizing coronary arteries in CT angiography. International Journal of Computer Assisted Radiology and Surgery, 2008, 3, 11-18. | 1.7 | 15 |
| 115 | Renal artery stenosis: Extracting quantitative parameters with a mathematical model fitted to magnetic resonance blood flow data. Journal of Magnetic Resonance Imaging, 2008, 27, 140-147. | 1.9 | 5 |
| 116 | Separation of advanced from mild fibrosis in diffuse liver disease using 31P magnetic resonance spectroscopy. European Journal of Radiology, 2008, 66, 313-320. | 1.2 | 39 |
| 117 | Quantitative abdominal fat estimation using MRI. , 2008, , . | | 48 |
| 118 | Advanced 3D visualization in student-centred medical education. Medical Teacher, 2008, 30, e115-e124. | 1.0 | 113 |
| 119 | Coronary Artery Segmentation and Skeletonization Based on Competing Fuzzy Connectedness Tree. , 2007, 10, 311-318. | | 15 |
| 120 | Three-dimensional drip infusion CT cholangiography in patients with suspected obstructive biliary disease: a retrospective analysis of feasibility and adverse reaction to contrast material.. BMC Medical Imaging, 2006, 6, 1. | 1.4 | 34 |
| 121 | Standardized volume rendering for magnetic resonance angiography measurements in the abdominal aorta. Acta Radiologica, 2006, 47, 172-178. | 0.5 | 8 |
| 122 | Analysis of Skeletal Microstructure with Clinical Multislice CT. Lecture Notes in Computer Science, 2006, 9, 880-887. | 1.0 | 9 |
| 123 | The Vertical Infraclavicular Brachial Plexus Block: A Simulation Study Using Magnetic Resonance Imaging. Anesthesia and Analgesia, 2005, 101, 273-278. | 1.1 | 14 |
| 124 | Absolute quantification of human liver metabolite concentrations by localized in vivo 31P NMR spectroscopy in diffuse liver disease. European Radiology, 2005, 15, 148-157. | 2.3 | 31 |
| 125 | Volume rendering of three-dimensional drip infusion CT cholangiography in patients with suspected obstructive biliary disease: a retrospective study. British Journal of Radiology, 2005, 78, 1078-1085. | 1.0 | 24 |
| 126 | Standardized volume-rendering of contrast-enhanced renal magnetic resonance angiography. Acta Radiologica, 2005, 46, 497-504. | 0.5 | 5 |

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| 127 | Computed tomographic colonography: comparison of two workstations. Acta Radiologica, 2005, 46, 671-678. | 0.5 | 6 |
| 128 | Volume rendering compared with maximum intensity projection for magnetic resonance angiography measurements of the abdominal aorta. Acta Radiologica, 2004, 45, 453-459. | 0.5 | 22 |
| 129 | Quantification of Atherosclerosis with MRI and Image Processing in Spontaneously Hyperlipidemic Rabbits. Journal of Cardiovascular Magnetic Resonance, 2004, 6, 675-684. | 1.6 | 5 |
| 130 | A Novel Infraclavicular Brachial Plexus Block: The Lateral and Sagittal Technique, Developed by Magnetic Resonance Imaging Studies. Anesthesia and Analgesia, 2004, 98, 252-256. | 1.1 | 79 |
| 131 | Color-coded depth information in volume-rendered magnetic resonance angiography. , 2004, 5367, 669. | | 0 |
| 132 | A Novel Approach to Infraclavicular Brachial Plexus Block: The Ultrasound Experience: In Response. Anesthesia and Analgesia, 2004, 99, 950-951. | 1.1 | 7 |
| 133 | Compact and efficient 3D shape description through radial function approximation. Computer Methods and Programs in Biomedicine, 2003, 72, 89-97. | 2.6 | 8 |
| 134 | An Evaluation of the Supraclavicular Plumb-Bob Technique for Brachial Plexus Block by Magnetic Resonance Imaging. Anesthesia and Analgesia, 2003, 96, 862-867. | 1.1 | 17 |
| 135 | Distribution of Local Anesthetic in Axillary Brachial Plexus Block. Anesthesiology, 2002, 96, 1315-1324. | 1.3 | 76 |
| 136 | Segmentation with gray-scale connectedness can separate arteries and veins in MRA. Journal of Magnetic Resonance Imaging, 2002, 15, 438-445. | 1.9 | 24 |
| 137 | Skeletonization of Volumetric Vascular Imagesâ€"Distance Information Utilized for Visualization. Journal of Combinatorial Optimization, 2001, 5, 27-41. | 0.8 | 15 |
| 138 | <title>New presentation method for magnetic resonance angiography images based on skeletonization</title>. , 2000, 3976, 515. | | 7 |
| 139 | MRI-guided celiac plexus block. Journal of Magnetic Resonance Imaging, 2000, 12, 562-564. | 1.9 | 46 |
| 140 | Gadolinium-enhanced Magnetic Resonance Angiography, Digital Subtraction Angiography and Duplex of the Iliac Arteries Compared with Intra-arterial Pressure Gradient Measurements. European Journal of Vascular and Endovascular Surgery, 2000, 19, 516-523. | 0.8 | 33 |
| 141 | Functional imaging of the thoracic outlet syndrome in an open MR scanner. European Radiology, 2000, 10, 597-600. | 2.3 | 40 |
| 142 | Timing Adjustment in Gadolinium MR Angiography by Raw Data Recombination. Acta Radiologica, 1999, 40, 462-464. | 0.5 | 0 |
| 143 | Characterization of human head vasculature by percolation parameters. Magnetic Resonance Imaging, 1999, 17, 411-415. | 1.0 | 0 |
| 144 | Quantitation of atherosclerosis by magnetic resonance imaging and 3-D morphology operators. Magnetic Resonance Imaging, 1999, 17, 585-591. | 1.0 | 13 |

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| 145 | Gray-scale connectivity concept for visualizing MRA and CTA volumes. , 1999, 3658, 212. | | 5 |
| 146 | Geometrical Risk Factors for Atherosclerosis in the Femoral Artery: A Longitudinal Angiographic Study. Annals of Biomedical Engineering, 1998, 26, 391-397. | 1.3 | 26 |
| 147 | Magnetic resonance angiography in the resectability assessment of suspected pancreatic tumours. European Radiology, 1997, 7, 649-653. | 2.3 | 20 |
| 148 | Do Plaques Grow Upstream or Downstream?. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 912-918. | 1.1 | 60 |
| 149 | Tortuosity and atherosclerosis in the femoral artery: What is cause and what is effect?. Annals of Biomedical Engineering, 1996, 24, 474-480. | 1.3 | 63 |
| 150 | Geometric risk factors for atherosclerosis in the aortic bifurcation: A digitized angiography study. Annals of Biomedical Engineering, 1996, 24, 481-488. | 1.3 | 13 |
| 151 | Development of femoral atherosclerosis in relation to flow disturbances. Journal of Biomechanics, 1996, 29, 543-547. | 0.9 | 23 |
| 152 | Anatomical variations of the human vestibular aqueduct. Part I. A radioanatomical study. Acta Radiologica Supplementum, 1996, 403, 21-32. | 0.5 | 6 |
| 153 | Anatomical variations of the human vestibular aqueduct. Part II. A radioanatomical study. Acta Radiologica Supplementum, 1996, 403, 33-41. | 0.5 | 0 |
| 154 | Anatomical variations of the tympanic and mastoid portions of the facial nerve canal. A radioanatomical investigation. Acta Radiologica Supplementum, 1996, 403, 49-59. | 0.5 | 7 |
| 155 | Predilection of Atherosclerosis for the Inner Curvature in the Femoral Artery. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 912-917. | 1.1 | 29 |
| 156 | Flow disturbances in early femoral atherosclerosisâ€"An in vivo study with digitized cineangiography. Journal of Biomechanics, 1993, 26, 1105-1115. | 0.9 | 11 |
| 157 | Two-Dimensional Tortuosity of the Superficial Femoral Artery in Early Atherosclerosis. Journal of Vascular Research, 1993, 30, 181-191. | 0.6 | 89 |
| 158 | Viscosity of Some Contemporary Contrast Media before and after Mixing with Whole Blood. Acta Radiologica, 1992, 33, 600-605. | 0.5 | 12 |
| 159 | A scanning system for digital analysis of cineangiography films. Computer Methods and Programs in Biomedicine, 1992, 39, 103-111. | 2.6 | 3 |
| 160 | Viscosity of Some Contemporary Contrast Media before and after Mixing with Whole Blood. Acta Radiologica, 1992, 33, 600-605. | 0.5 | 5 |
| 161 | Angiographic methods for the study of fluid mechanical factors in atherogenesis. Acta Radiologica Supplementum, 1992, 380, 1-38. | 0.5 | 1 |
| 162 | Viscosity of some contemporary contrast media before and after mixing with whole blood. Acta Radiologica, 1992, 33, 600-5. | 0.5 | 6 |

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| 163 | Separated Flow Demonstrated by Digitized Cineangiography Compared With LDV. Journal of Biomechanical Engineering, 1991, 113, 336-341. | 0.6 | 9 |
| 164 | Separated Flow Demonstrated by Digitized In Vitro Cineangiography Compared with LDV. , 1990, , 335-342. | | 0 |
| 165 | The Role of Flow Separation and Its Prediction in Arterial Flows. , 1988, , 123-129. | | 0 |
| 166 | Continuity of care. An application of visit-based measures. Medical Care, 1984, 22, 676-80. | 1.1 | 4 |
| 167 | A mathematical model for assessing mitral incompetence by videodensitometry. Annales De Radiologie, 1981, 24, 633-7. | 0.1 | 0 |