FrÃ©dÃ©rique Frouin

List of Publications by Year
in descending order

148 papers	3,517 citations	236925 25 h-index	161849 54 g-index
174 all docs	174 docs citations	174 times ranked	4151 citing authors

#	Article	IF	Citations
1	Preclinical and clinical evaluation of a new method to assess cardiac insulin resistance using nuclear imaging. Journal of Nuclear Cardiology, 2022, 29, 1419-1429.	2.1	0
2	How can we combat multicenter variability in MR radiomics? Validation of a correction procedure. European Radiology, 2021, 31, 2272-2280.	4.5	93
3	A radiomics pipeline dedicated to Breast MRI: validation on a multi-scanner phantom study. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 355-366.	2.0	20
4	Sex moderations in the relationship between aortic stiffness, cognition, and cerebrovascular reactivity in healthy older adults. PLoS ONE, 2021, 16, e0257815.	2.5	8
5	Optimization of a Shape Metric Based on Information Theory Applied to Segmentation Fusion and Evaluation in Multimodal MRI for DIPG Tumor Analysis. Lecture Notes in Computer Science, 2021, , 772-780.	1.3	0
6	Object Detection Improves Tumour Segmentation in MR Images of Rare Brain Tumours. Cancers, 2021, 13, 6113.	3.7	9
7	Impact of ComBat and a Multi-Model approach to deal with multi-scanner and missing MRI data in a small cohort study. Application to H3K27M mutation prediction in patients with DIPG. , 2021, 2021, 3809-3812.		1
8	Correction for Magnetic Field Inhomogeneities and Normalization of Voxel Values Are Needed to Better Reveal the Potential of MR Radiomic Features in Lung Cancer. Frontiers in Oncology, 2020, 10, 43.	2.8	17
9	Validation of A Method to Compensate Multicenter Effects Affecting CT Radiomics. Radiology, 2019, 291, 53-59.	7.3	257
10	Can Structural MRI Radiomics Predict DIPG Histone H3 Mutation and Patient Overall Survival at Diagnosis Time?. , 2019, , .		5
11	A downsampling strategy to assess the predictive value of radiomic features. Scientific Reports, 2019, 9, 17869.	3.3	5
12	Computation of reliable textural indices from multimodal brain MRI: suggestions based on a study of patients with diffuse intrinsic pontine glioma. Physics in Medicine and Biology, 2018, 63, 105003.	3.0	32
13	A Postreconstruction Harmonization Method for Multicenter Radiomic Studies in PET. Journal of Nuclear Medicine, 2018, 59, 1321-1328.	5.0	250
14	Transcutaneous Laryngeal Ultrasonography for Laryngeal Immobility Diagnosis in Patients with Voice Disorders After Thyroid/Parathyroid Surgery. World Journal of Surgery, 2018, 42, 2102-2108.	1.6	20
15	Voxel-Based Statistical Analysis of 3D Immunostained Tissue Imaging. Frontiers in Neuroscience, 2018, 12, 754.	2.8	7
16	P05.88 Radiomics analysis of brain metastases from non-small cell lung cancer brings relevant supplementary information to clinical scores. Neuro-Oncology, 2018, 20, iii324-iii324.	1.2	0
17	LIFEx: A Freeware for Radiomic Feature Calculation in Multimodality Imaging to Accelerate Advances in the Characterization of Tumor Heterogeneity. Cancer Research, 2018, 78, 4786-4789.	0.9	717
18	Quantification of tumor perfusion using dynamic contrast-enhanced ultrasound: impact of mathematical modeling. Physics in Medicine and Biology, 2017, 62, 1113-1125.	3.0	10

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19	Sonographic Dynamic Description of the Laryngeal Tract: Definition of Quantitative Measures to Characterize Vocal Fold Motion and Estimation of Their Normal Values. Journal of Ultrasound in Medicine, 2017, 36, 1037-1044.	1.7	4
20	An improved FSL-FIRST pipeline for subcortical gray matter segmentation to study abnormal brain anatomy using quantitative susceptibility mapping (QSM). Magnetic Resonance Imaging, 2017, 39, 110-122.	1.8	36
21	Impact of Recirculation in Dynamic Contrast-Enhanced Ultrasound: A Simulation Study. Irbm, 2017, 38, 179-189.	5.6	2
22	An Overview of 2012 TecSan Projects. Irbm, 2016, 37, 51.	5.6	0
23	Regularized linear resolution of a one-compartment model to improve the reproducibility of perfusion parameters in CEUS. , 2016, , .		0
24	Improved Estimation of Cardiac Function Parameters Using a Combination of Independent Automated Segmentation Results in Cardiovascular Magnetic Resonance Imaging. PLoS ONE, 2015, 10, e0135715.	2.5	11
25	Quantification of vocal fold motion using echography: application to recurrent nerve paralysis detection. , 2015, , .		0
26	Robust supervised segmentation of neuropathology whole-slide microscopy images. , 2015, 2015, 3851-4.		6
27	Automatic Assessment of Shear Wave Elastography Quality and Measurement Reliability in the Liver. Ultrasound in Medicine and Biology, 2015, 41, 936-943.	1.5	16
28	An Overview of ANR TecSan Projects in 2011. Irbm, 2015, 36, 61.	5.6	1
29	Detection of recurrent nerve paralysis: Development of a Computer Aided Diagnosis system. Irbm, 2015, 36, 367-374.	5.6	5
30	Hearts and minds: linking vascular rigidity and aerobic fitness with cognitive aging. Neurobiology of Aging, 2015, 36, 304-314.	3.1	75
31	Impact of C24:0 on actin-microtubule interaction in human neuronal SK-N-BE cells: evaluation by FRET confocal spectral imaging microscopy after dual staining with rhodamine-phalloidin and tubulin tracker green. Functional Neurology, 2015, 30, 33-46.	1.3	5
32	An efficient strategy based on an individualized selection of registration methods. Application to the coregistration of MR and SPECT images in neuro-oncology. Physics in Medicine and Biology, 2014, 59, 6997-7011.	3.0	2
33	A Framework using multimodal imaging for longitudinal monitoring of patients in neuro-oncology. Application to a SPECT/MRI study. , 2014, 2014, 1905-8.		0
34	Interest of reference region models to monitor cancer treatment using dynamic contrast enhanced studies. Cancer Imaging, 2014, 14, .	2.8	0
35	Descending aorta subject-specific one-dimensional model validated against in vivo data. Journal of Biomechanics, 2014, 47, 424-431.	2.1	15
36	A mutual reference shape based on information theory. , 2014, , .		4

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37	Quantitative evaluation of rigid and elastic registrations for abdominal perfusion imaging with X-ray computed tomography. Irbm, 2013, 34, 283-286.	5.6	5
38	Cardiac imaging research group. Results and future works. Irbm, 2013, 34, 21-23.	5.6	1
39	Comparison of various methods for quantitative evaluation of myocardial infarct volume from magnetic resonance delayed enhancement data. International Journal of Cardiology, 2013, 167, 739-744.	1.7	21
40	Numerical modeling of arterial pulse wave propagation to characterize aortic hemodynamic: Validation using magnetic resonance data. Irbm, 2013, 34, 86-89.	5.6	5
41	A new quantitative approach for estimating bone cell connections from nano-CT images. , 2013, 2013, 3694-7.		5
42	A new strategy to improve coregistration of spect and MR images in patients with high grade glioma. , 2013, 2013, 4002-5.		1
43	Nonsupervised Ranking of Different Segmentation Approaches: Application to the Estimation of the Left Ventricular Ejection Fraction From Cardiac Cine MRI Sequences. IEEE Transactions on Medical Imaging, 2012, 31, 1651-1660.	8.9	27
44	Correlation and Agreement Between Contrast-Enhanced Ultrasonography and Perfusion Computed Tomography forÂAssessment of Liver Metastases from Endocrine Tumors:ÂNormalization Enhances Correlation. Ultrasound in Medicine and Biology, 2012, 38, 953-961.	1.5	16
45	Methodology for Jointly Assessing Myocardial Infarct Extent and Regional Contraction in 3-D CMRI. IEEE Transactions on Biomedical Engineering, 2012, 59, 2650-2659.	4.2	6
46	Fully automated segmentation of the left ventricle applied to cine MR images: Description and results on a database of 45 Subjects. , 2012, 2012, 3207-10.		17
47	Fluorescence excitation analysis by two-photon confocal laser scanning microscopy: a new method to identify fluorescent nanoparticles on histological tissue sections. International Journal of Nanomedicine, 2012, 7, 5545.	6.7	3
48	Estimation de la distensibilitÃ© aortique Ã partir de sÃ©quences dâ€™images de rÃ©sonance magnÃ©tique Â«Âsteady-state free-precessionÂÂ» et Â«Âcontraste de phaseÂÂ». Irbm, 2011, 32, 221-228.	5.6	1
49	Consistency of aortic distensibility and pulse wave velocity estimates with respect to the Bramwell-Hill theoretical model: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 11.	3.3	71
50	Automated 3D measurements of the aortic length using the Hough transform. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	3.3	0
51	Automated estimation of aortic strain from steadyâ€state freeâ€precession and phase contrast MR images. Magnetic Resonance in Medicine, 2011, 65, 986-993.	3.0	36
52	Impact of 7â€ketocholesterol and very long chain fatty acids on oligodendrocyte lipid membrane organization: Evaluation via LAURDAN and FAMIS spectral image analysis. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 293-305.	1.5	23
53	Evaluation of an edge-based registration method: application to magnetic resonance first-pass myocardial perfusion data. Magnetic Resonance Imaging, 2011, 29, 853-860.	1.8	9
54	An automatic respiratory gating method for the improvement of microcirculation evaluation: application to contrast-enhanced ultrasound studies of focal liver lesions. Physics in Medicine and Biology, 2011, 56, 5153-5165.	3.0	29

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55	Comparison of different segmentation approaches without using gold standard. Application to the estimation of the left ventricle ejection fraction from cardiac cine MRI sequences. , 2011, 2011, 2663-6.		3
56	Registration and functional analysis of CT dynamic image sequences for the follow-up of patients with hepatic tumors undergoing antiangiogenic therapy. Irbm, 2010, 31, 263-270.	5.6	6
57	Automated segmentation of the aorta from phase contrast MR images: Validation against expert tracing in healthy volunteers and in patients with a dilated aorta. Journal of Magnetic Resonance Imaging, 2010, 31, 881-888.	3.4	88
58	Iron nanoparticles increase 7-ketocholesterol-induced cell death, inflammation, and oxidation on murine cardiac HL1-NB cells. International Journal of Nanomedicine, 2010, 5, 185.	6.7	28
59	An automated four-point scale scoring of segmental wall motion in echocardiography using quantified parametric images. Physics in Medicine and Biology, 2010, 55, 5753-5766.	3.0	9
60	Renal Blood Flow Quantification in Pigs Using Contrast-Enhanced Ultrasound: An Ex Vivo Study. Ultraschall in Der Medizin, 2010, 31, 363-369.	1.5	18
61	An automated quantification of the transmural myocardial infarct extent using cardiac DE-MR images. , 2009, 2009, 4403-6.		19
62	Automated estimation of regional mean transition times and radial velocities from cine magnetic resonance images: Evaluation in normal subjects. Journal of Magnetic Resonance Imaging, 2009, 30, 236-242.	3.4	11
63	Quantification automatisÃ©e de la transmuralitÃ© de lâ€™infarctus du myocarde sur des images de rehaussement tardif en IRM. Irbm, 2009, 30, 184-187.	5.6	0
64	Ã‰valuation par AFSIM dâ€™une mÃ©thode rÃ©gularisÃ©e de correction de lâ€™attÃ©nuation en imagerie de contraste ultrasonore. Irbm, 2009, 30, 174-178.	5.6	1
65	"ART-FUN": an integrated software for functional analysis of the aorta. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	3.3	7
66	Diagnostic Value of Parametric Imaging of Left Ventricular Wall Motion From Contrast-Enhanced Echocardiograms in Patients With Poor Acoustic Windows. Journal of the American Society of Echocardiography, 2009, 22, 276-283.	2.8	6
67	Semi-automated cardiac segmentation on cine magnetic resonance images using GVF-Snake deformable models. , 2009, , .		17
68	Regularized Estimation of Contrast Agent Attenuation to Improve the Imaging of Microbubbles in Small Animal Studies. Ultrasound in Medicine and Biology, 2008, 34, 938-948.	1.5	27
69	Robust assessment of the transmural extent of myocardial infarction in late gadolinium-enhanced MRI studies using appropriate angular and circumferential subdivision of the myocardium. European Radiology, 2008, 18, 2140-2147.	4.5	25
70	Quantification of myocardial edema and necrosis during acute myocardial infarction. , 2008, , .		3
71	An automated evaluation of regional left ventricular function on cine magnetic resonance images. , 2008, , .		2
72	Estimation of pressure gradient images from velocity encoded MR acquisitions. , 2008, , .		3

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73	Diagnostic value of parametric imaging of left ventricular wall motion from contrast-enhanced echocardiograms in patients with poor acoustic windows. , 2008, , .		2
74	An Original Methodology for Quantitative Assessment of Perfusion in Small Animal Studies Using Contrast-Enhanced Ultrasound. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 347-50.	0.5	5
75	Automatic Detection of End Systole within a Sequence of Left Ventricular Echocardiographic Images using Autocorrelation and Mitral Valve Motion Detection. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4504-7.	0.5	19
76	12A-6 A Method for the Regularized Estimation of Contrast Agent Concentration in Small Animal Contrast-Enhanced Ultrasound Studies. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	2
77	Interobserver Variability in Assessing Segmental Function can be Reduced by Combining Visual Analysis of CMR Cine Sequences with Corresponding Parametric Images of Myocardial Contraction. Journal of Cardiovascular Magnetic Resonance, 2007, 9, 863-872.	3.3	18
78	An automated myocardial segmentation in cardiac MRI. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4508-11.	0.5	19
79	Comparison of three methods to estimate regional wall motion on the Evalechocard database of echocardiographic image sequences. , 2007, , .		0
80	Effects of caspase inhibitors (z-VAD-fmk, z-VDVAD-fmk) on Nile Red fluorescence pattern in 7-ketocholesterol-treated cells: Investigation by flow cytometry and spectral imaging microscopy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 550-562.	1.5	19
81	Evaluation of regional myocardial function using automated wall motion analysis of cine MR images: Contribution of parametric images, contraction times, and radial velocities. Journal of Magnetic Resonance Imaging, 2007, 26, 1127-1132.	3.4	18
82	Automated Segmentation of the Left Ventricle Including Papillary Muscles in Cardiac Magnetic Resonance Images. Lecture Notes in Computer Science, 2007, , 453-462.	1.3	10
83	An automated image-processing strategy to analyze dynamic arterial spin labeling perfusion studies. Application to human skeletal muscle under stress. Magnetic Resonance Imaging, 2006, 24, 941-951.	1.8	16
84	2K-5 Compensation of Attenuation in Contrast-Enhanced Ultrasound: Application to Small Animal Studies. , 2006, , .		3
85	Analysis of CD36 expression on human monocytic cells and atherosclerotic tissue sections with quantum dots: investigation by flow cytometry and spectral imaging microscopy. , 2006, 28, 14-26.		7
86	Approche quantitative pour l'Ã©valuation de l'Ã©tendue de l'infarctus Ã partir des images de rehaussement tardif en IRM. IRBM News, 2005, 26, 255-257.	0.1	0
87	Optimization of factor analysis of the left ventricle in echocardiography for detecting wall motion abnormalities. Ultrasound in Medicine and Biology, 2005, 31, 1597-1606.	1.5	14
88	Comprehensive model for simultaneous MRI determination of perfusion and permeability using a blood-pool agent in rats rhabdomyosarcoma. European Radiology, 2005, 15, 2497-2505.	4.5	44
89	7-Ketocholesterol favors lipid accumulation and colocalizes with Nile Red positive cytoplasmic structures formed during 7-ketocholesterol-induced apoptosis: Analysis by flow cytometry, FRET biphoton spectral imaging microscopy, and subcellular fractionati. , 2005, 64A, 87-100.		44
90	New criteria for assessing fit quality in dynamic contrast-enhancedT1-weighted MRI for perfusion and permeability imaging. Magnetic Resonance in Medicine, 2005, 54, 868-877.	3.0	40

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91	A posterioriespiratory gating in contrast ultrasound for assessment of hepatic perfusion. Physics in Medicine and Biology, 2005, 50, 4465-4480.	3.0	45
92	Assessment of left ventricular contraction by parametric analysis of main motion (PAMM): theory and application for echocardiography. Physics in Medicine and Biology, 2005, 50, 3277-3296.	3.0	34
93	Classification of Segmental Wall Motion in Echocardiography Using Quantified Parametric Images. Lecture Notes in Computer Science, 2005, , 477-486.	1.3	8
94	Quantification of parametric images to assess segmental wall motion of the left ventricle in echocardiography. , 2005, , .		1
95	Quantitative assessment of the infarct transmurality using delayed contrast enhanced magnetic resonance images: description and validation. , 2005, , .		1
96	Factor analysis of the left ventricle by echocardiography (FALVE): a new tool for detecting regional wall motion abnormalities. European Journal of Echocardiography, 2004, 5, 335-346.	2.3	19
97	Ultrasound Elastography Based on Multiscale Estimations of Regularized Displacement Fields. IEEE Transactions on Medical Imaging, 2004, 23, 153-163.	8.9	153
98	IntÃ©gration de connaissances et modÃ©lisation en imagerie mÃ©dicale. IRBM News, 2004, 25, 139-149.	0.1	2
99	Multiple excitation confocal analysis of targets in nuclei of cytogenetic preparations. , 2004, 26, 1-6.		2
100	Analysis of fluorescent MRI contrast agent behavior in the liver and thoracic aorta of mice. , 2004, 26, 233-8.		1
101	FRET multiphoton spectral imaging microscopy of 7-ketocholesterol and Nile Red in U937 monocytic cells loaded with 7-ketocholesterol. , 2004, 26, 304-13.		6
102	Analysis of the distribution of MRI contrast agents in the livers of small animals by means of complementary microscopies. , 2003, 51A, 97-106.		3
103	Using an adaptive semiautomated self-evaluated registration technique to analyze MRI data for myocardial perfusion assessment. Journal of Magnetic Resonance Imaging, 2003, 18, 681-690.	3.4	21
104	Local reconstruction of stenosed sections of artery using multiple MRA acquisitions. Magnetic Resonance in Medicine, 2003, 49, 731-742.	3.0	12
105	Reduced capillary perfusion and permeability in human tumour xenografts treated with the VEGF signalling inhibitor ZD4190: an in vivo assessment using dynamic MR imaging and macromolecular contrast media. Magnetic Resonance Imaging, 2003, 21, 845-851.	1.8	75
106	Parametric Analysis of Main Motion to Study the Regional Wall Motion of the Left Ventricle in Echocardiography. Lecture Notes in Computer Science, 2003, , 173-183.	1.3	3
107	P1133 Factorial parametric imaging of the left-ventricular contraction: validation of a new tool for assessing segmental wall motion abnormalities. European Heart Journal, 2003, 24, 207.	2.2	0
108	Assessing Perfusion and Capillary Permeability Changes Induced by a VEGF Inhibitor in Human Tumor Xenografts using Macromolecular MR Imaging Contrast Media. Academic Radiology, 2002, 9, S328-S329.	2.5	10

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109	Factor Analysis of Medical Image Sequences Improves Evaluation of First-Pass MR Imaging Acquisitions for Myocardial Perfusion. Academic Radiology, 2002, 9, 26-39.	2.5	14
110	Deconvolution Technique for Measuring Tissue Perfusion by Dynamic CT. Academic Radiology, 2002, 9, S205-S211.	2.5	18
111	Adaptive and self-evaluating registration method for myocardial perfusion assessment. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2001, 13, 28-39.	2.0	13
112	Adaptive and self-evaluating registration method for myocardial perfusion assessment. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2001, 13, 28-39.	2.0	2
113	Early Changes in Liver Perfusion Caused by Occult Metastases in Rats: Detection with Quantitative CT. Radiology, 2001, 218, 556-561.	7.3	138
114	3D Regularisation and Segmentation of Factor Volumes to Process PET H2 15O Myocardial Perfusion Studies. Lecture Notes in Computer Science, 2001, , 91-96.	1.3	2
115	Validation of myocardial perfusion reserve measurements using regularized factor images of H(2)(15)O dynamic PET scans. Journal of Nuclear Medicine, 2001, 42, 1737-46.	5.0	9
116	Confocal multilaser focusing and single-laser characterization of ultraviolet excitable stains of cellular preparations. , 2000, 40, 42-49.		13
117	Improved estimation of velocity and flow rate using regularized three-point phase-contrast velocimetry. Magnetic Resonance in Medicine, 2000, 44, 122-128.	3.0	18
118	Spatial regularization applied to factor analysis of medical image sequences (FAMIS). Physics in Medicine and Biology, 1999, 44, 2289-2306.	3.0	14
119	Four-dimensional factor analysis of confocal image sequences (4D-FAMIS) to detect and characterize low copy numbers of human papillomavirus DNA by FISH in HeLa and SiHa cells. Journal of Microscopy, 1999, 193, 227-243.	1.8	15
120	Laser scanning confocal microscopy and factor analysis of biomedical image sequences (FAMIS) to detect and characterise HPV DNA sequences by FISH in HeLa cells. Cytometry, 1997, 28, 269-279.	1.8	16
121	Laser scanning confocal microscopy and factor analysis of biomedical image sequences (FAMIS) to detect and characterise HPV DNA sequences by FISH in HeLa cells. Cytometry, 1997, 28, 269-79.	1.8	3
122	Radiologic Assessment of Intranodal Vascularity in Head and Neck Squamous Cell Carcinoma. Investigative Radiology, 1996, 31, 673-679.	6.2	20
123	Spectral and dynamic confocal fluorescence characterization of cytogenetic preparations. Analytical Cellular Pathology, 1996, 12, 45-56.	2.1	9
124	Motion correction for the automated analysis of functional MR studies. , 1995, 2433, 248.		1
125	Comparison between factor analysis of dynamic structures and Fourier analysis in detection of segmental wall motion abnormalities: a clinical evaluation. International Journal of Cardiovascular Imaging, 1995, 11, 263-272.	0.6	15
126	Foundations of factor analysis of medical image sequences: a unified approach and some practical implications. Image and Vision Computing, 1994, 12, 375-385.	4.5	22

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127	Processing by factor analysis of dynamic dual isotope studies using 99Tcm and 201T1 within a middle energy band. Evaluation in thyroid nodule malignancy. Nuclear Medicine Communications, 1994, 15, 367-378???378.	1.1	0
128	<title>CAMIS: clustering algorithm for medical image sequences using a mutual nearest neighbor criterion</title>. , 1994, 2299, 336.		2
129	Factor Analysis of Medical Image Sequences (FAMIS): Fundamental principles and applications. Studies in Classification, Data Analysis, and Knowledge Organization, 1994, , 619-627.	0.2	2
130	Extraction of functional volumes from medical dynamic volumetric data sets. Computerized Medical Imaging and Graphics, 1993, 17, 397-404.	5.8	19
131	Factor analysis as a means of determining response to chemotherapy in patients with osteogenic sarcoma. European Journal of Nuclear Medicine and Molecular Imaging, 1993, 20, 1175-1185.	2.1	16
132	Foundations of factor analysis of medical image sequences: A unified approach and some practical implications. Lecture Notes in Computer Science, 1993, , 401-421.	1.3	4
133	A statistical model for the determination of the optimal metric in factor analysis of medical image sequences (FAMIS). Physics in Medicine and Biology, 1993, 38, 1065-1080.	3.0	50
134	Target apex-seeking in factor analysis of medical image sequences. Physics in Medicine and Biology, 1993, 38, 123-137.	3.0	61
135	<title>Optimal metric for factor analysis of medical image sequences</title>. , 1993, , .		0
136	Factor Analysis of Dynamic Magnetic Resonance Imaging in Predicting the Response of Osteosarcoma to Chemotherapy. Investigative Radiology, 1992, 27, 847-855.	6.2	74
137	Diagnosis of malignancy in thyroid nodules by factor analysis of spectral and dynamic structures: a simultaneous dual-isotope dynamic study with thallium-201 and iodine-131. European Journal of Nuclear Medicine and Molecular Imaging, 1992, 19, 517-21.	2.1	10
138	Famis: A software package for functional feature extraction from biomedical multidimensional images. Computerized Medical Imaging and Graphics, 1992, 16, 81-91.	5.8	36
139	Image Sequence Processing Using Factor Analysis And Compartmental Modelling. , 1989, , .		2
140	Automated analysis of dynamic medical image series with a priori physiological knowledge. , 0, , .		0
141	Evaluation of factor analysis accuracy for myocardial perfusion in PET studies. , 0, , .		1
142	Global strategy to extract automatically relevant subdominant perfusion information: application to skeletal muscle NMR imaging with arterial spin labeling. , 0, , .		0
143	Performance analysis of a regularized algorithm for elasticity imaging. , 0, , .		1
144	A regularized approach to freehand ultrasound elastography of breast lesions. , 0, , .		5

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145	A posteriori navigator echo for perfusion imaging of the liver with contrast ultrasound. , 0, , .		0
146	Parametric analysis of main motion: application to the assessment of left ventricular wall motion by MR imaging. , 0, , .		0
147	Using Cine MR Images to Evaluate Myocardial Infarct Transmurality on Delayed Enhancement Images. , 0, , .		3
148	Impact of C24:0 on actin-microtubule interaction in human neuronal SK-N-BE cells: evaluation by FRET confocal spectral imaging microscopy after dual staining with rhodamine-phalloidin and tubulin tracker green. Functional Neurology, 0, , .	1.3	2