Thomas Tolxdorff

List of Publications by Year
in descending order

27 papers	313 citations	1040056 9 h-index	888059 17 g-index
30 all docs	30 docs citations	30 times ranked	317 citing authors

#	Article	IF	Citations
1	IJCARS: BVM 2019 special issue. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1823-1824.	2.8	0
2	Guest editorial of the IJCARSâ€"BVM 2018 special issue. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1-2.	2.8	4
3	Ontology-Based Information Extraction: Identifying Eligible Patients for Clinical Trials in Neurology. Journal on Data Semantics, 2015, 4, 133-147.	2.0	10
4	Medical image computing and image-based simulation: recent developments and advances in Germany. International Journal of Computer Assisted Radiology and Surgery, 2014, 9, 341-343.	2.8	0
5	Editorial (Recent Advances in 3D Medical Image Generation and Analysis). Current Medical Imaging, 2013, 9, 77-78.	0.8	3
6	Viewpoints on Medical Image Processing: From Science to Application. Current Medical Imaging, 2013, 9, 79-88.	0.8	19
7	Simplified implementation of medical image processing algorithms into a grid using a workflow management system. Future Generation Computer Systems, 2010, 26, 681-684.	7.5	19
8	Grid-Based Sleep Research: Analysis of Polysomnographies Using a Grid Infrastructure. , 2009, , .		1
9	MediGRID: Towards a user friendly secured grid infrastructure. Future Generation Computer Systems, 2009, 25, 326-336.	7.5	63
10	IJCARS special issue: BVM 2007 German conference on medical image processing. International Journal of Computer Assisted Radiology and Surgery, 2008, 2, 253-254.	2.8	4
11	DICOM Image Communication in Globus-Based Medical Grids. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 145-153.	3.2	33
12	A Reliable DICOM Transfer Grid Service Based on Petri Net Workflows. , 2008, , .		5
13	Classification Models for Early Detection of Prostate Cancer. Journal of Biomedicine and Biotechnology, 2008, 2008, 1-7.	3.0	11
14	Automatic Parameter Optimization for De-noising MR Data. Lecture Notes in Computer Science, 2005, 8, 320-327.	1.3	2
15	Interaktive Segmentierung von Hirninfarkten mittels Snake-Verfahren. , 2005, , 98-102.		0
16	XML knowledge database of MRI-derived eye models. Computer Methods and Programs in Biomedicine, 2004, 73, 203-208.	4.7	3
17	Feature extraction and supervised classification of MR images to support proton radiation therapy of eye tumors. Computer Methods and Programs in Biomedicine, 2004, 73, 195-202.	4.7	1
18	Kantenerhaltende GlÃ¤ttung medizinischer Bilddaten zur Optimierung automatischer Segmentierungsverfahren. Informatik Aktuell, 2004, , 170-174.	0.6	0

#	Article	IF	Citations
19	3D reconstruction of organ surfaces using model-based snakes. Studies in Health Technology and Informatics, 2003, 94, 360-6.	0.3	1
20	Feature-based, Automated Segmentation of Cerebral Infarct Patterns Using T 2- and Diffusion-weighted Imaging. Computer Methods in Biomechanics and Biomedical Engineering, 2002, 5, 411-420.	1.6	8
21	Simulation and analysis of magnetic resonance elastography wave images using coupled harmonic oscillators and Gaussian local frequency estimation. Magnetic Resonance Imaging, 2001, 19, 703-713.	1.8	50
22	<title>Model-based reconstruction of organ surfaces from two-dimensional CT or MRT data of the head</title>. , 1999, , .		4
23	Cluster Analysis of Multiparametric MR Imaging including ADC Maps and Relaxometry for Spatially High-Resolved Differentiation of Healthy and Ischemic Human Brain Tissue. , 1999, , 15-34.		1
24	<title>Clustering multidimensional MR images to detect metabolic changes in different tissue classes</title>. , 1996, , .		0
25	NMR-contrast enhancement of experimental brain tumors with MnTPPS: Qualitative evaluation by in vivo relaxometry. Magnetic Resonance Imaging, 1993, 11, 655-663.	1.8	16
26	In vivo NMR T2 relaxation of experimental brain tumors in the cat: A multiparameter tissue characterization. Magnetic Resonance Imaging, 1992, 10, 935-947.	1.8	33
27	A new segmentation algorithm for knowledge acquisition in tissue-characterizing magnetic resonance imaging. Journal of Digital Imaging, 1990, 3, 89-94.	2.9	9