Hisashi Tanaka

List of Publications by Year
in descending order

33	1,031	471371 17	414303 32
papers	citations	h-index	g-index

34	34	34	1307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Silent susceptibility-weighted angiography to detect hemorrhagic lesions in the brain: a clinical and phantom study. Neuroradiology, 2020, 62, 205-209.	1.1	1
2	Resting-state Amplitude of Low-frequency Fluctuation is a Potentially Useful Prognostic Functional Biomarker in Cervical Myelopathy. Clinical Orthopaedics and Related Research, 2020, 478, 1667-1680.	0.7	23
3	Differentiating between Glioblastoma and Primary CNS Lymphoma Using Combined Whole-tumor Histogram Analysis of the Normalized Cerebral Blood Volume and the Apparent Diffusion Coefficient. Magnetic Resonance in Medical Sciences, 2019, 18, 53-61.	1.1	14
4	Asymptomatic Pontine Lesion and Diabetic Amyotrophy after Rapid Improvement of Poor Glycemic Control in a Patient with Type 1 Diabetes. Internal Medicine, 2019, 58, 3433-3439.	0.3	4
5	Towards prognostic functional brain biomarkers for cervical myelopathy: A resting-state fMRI study. Scientific Reports, 2019, 9, 10456.	1.6	26
6	Quantifying the Severity of Parkinson Disease by Use of Dopaminergic Neuroimaging. American Journal of Roentgenology, 2019, 213, 163-168.	1.0	8
7	Quantifying changes in nigrosomes using quantitative susceptibility mapping and neuromelanin imaging for the diagnosis of early-stage Parkinsonâ€™s disease. British Journal of Radiology, 2018, 91, 20180037.	1.0	41
8	Comparative study of pulsed-continuous arterial spin labeling and dynamic susceptibility contrast imaging by histogram analysis in evaluation of glial tumors. Neuroradiology, 2018, 60, 599-608.	1.1	14
9	Vessel-Masked Perfusion Magnetic Resonance Imaging With Histogram Analysis Improves Diagnostic Accuracy for the Grading of Glioma. Journal of Computer Assisted Tomography, 2017, 41, 910-915.	0.5	5
10	Comparison of Silent and Conventional MR Imaging for the Evaluation of Myelination in Children. Magnetic Resonance in Medical Sciences, 2017, 16, 209-216.	1.1	18
11	Reduction of misregistration on cerebral four-dimensional computed tomography angiography images using advanced patient motion correction reconstruction. Japanese Journal of Radiology, 2016, 34, 605-610.	1.0	2
12	Comparison of diffusion tensor imaging and 11C-methionine positron emission tomography for reliable prediction of tumor cell density in gliomas. Journal of Neurosurgery, 2016, 125, 1136-1142.	0.9	16
13	Adult hemimegalencephaly associated with multiple cerebral aneurysms. Neurology, 2015, 84, 2460-2461.	1.5	1
14	Accurate bone registration in knee MR images. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2012, 35, 101-113.	0.6	1
15	Cardiac Cycle-Related Volume Change in Unruptured Cerebral Aneurysms. Stroke, 2012, 43, 61-66.	1.0	26
16	Automatic 3D MR Image Registration and Its Evaluation for Precise Monitoring of Knee Joint Disease. IEICE Transactions on Information and Systems, 2011, E94-D, 698-706.	0.4	0
17	Loaded Cartilage T2 Mapping in Patients with Hip Dysplasia. Radiology, 2010, 256, 955-965.	3.6	46
18	Use of fractional anisotropy for determination of the cut-off value in 11C-methionine positron emission tomography for glioma. NeuroImage, 2009, 45, 312-318.	2.1	27

#	Article	IF	Citations
19	A Hybrid Technique for Thickness-Map Visualization of the Hip Cartilages in MRI. IEICE Transactions on Information and Systems, 2009, E92-D, 2253-2263.	0.4	3
20	Fractional anisotropy and tumor cell density of the tumor core show positive correlation in diffusion tensor magnetic resonance imaging of malignant brain tumors. NeuroImage, 2008, 43, 29-35.	2.1	149
21	A Fully Automated Method for Segmentation and Thickness Map Estimation of Femoral and Acetabular Cartilages in 3D CT Images of the Hip. Proc Int Symp Image Signal Process Anal, 2007, , .	0.0	4
22	Quantitative study of changes in oxidative metabolism during visual stimulation using absolute relaxation rates. NMR in Biomedicine, 2006, 19, 60-68.	1.6	21
23	Fat-Suppressed 3D Spoiled Gradient-Echo MRI and MDCT Arthrography of Articular Cartilage in Patients with Hip Dysplasia. American Journal of Roentgenology, 2005, 185, 379-385.	1.0	79
24	Three-dimensional distribution of acetabular cartilage thickness in patients with hip dysplasia: a fully automated computational analysis of MR imaging. Osteoarthritis and Cartilage, 2004, 12, 650-657.	0.6	88
25	Clinical accuracy evaluation of femoral canal preparation using the ROBODOC system. Journal of Orthopaedic Science, 2004, 9, 452-461.	0.5	53
26	Comparison of the fit and fill between the Anatomic Hip femoralcomponent and the VerSys Taper femoral component using virtualimplantation on the ORTHODOC workstation. Journal of Orthopaedic Science, 2003, 8, 352-360.	0.5	27
27	Quantitative mapping of cerebral deoxyhemoglobin content using MR imaging. NeuroImage, 2003, 20, 2071-2083.	2.1	33
28	Limits on the accuracy of 3-D thickness measurement in magnetic resonance images- Effects of voxel anisotropy. IEEE Transactions on Medical Imaging, 2003, 22, 1076-1088.	5.4	30
29	A fully automated method for segmentation and thickness determination of hip joint cartilage from 3D MR data. International Congress Series, 2001, 1230, 352-358.	0.2	15
30	Articular Cartilage Abnormalities in Dysplastic Hips Without Joint Space Narrowing. Clinical Orthopaedics and Related Research, 2001, 383, 183-190.	0.7	42
31	Limits to the Accuracy of 3D Thickness Measurement in Magnetic Resonance Images. Lecture Notes in Computer Science, 2001, , 803-810.	1.0	5
32	Movement-Related Desynchronization of the Cerebral Cortex Studied with Spatially Filtered Magnetoencephalography. NeuroImage, 2000, 12, 298-306.	2.1	199
33	Performance improvement in multi-label thoracic abnormality classification of chest X-rays with noisy labels. International Journal of Computer Assisted Radiology and Surgery, 0, , .	1.7	3