

# Hisashi Tanaka

## List of Publications by Year in descending order

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33  
papers

1,031  
citations

471509

17  
h-index

414414

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Movement-Related Desynchronization of the Cerebral Cortex Studied with Spatially Filtered Magnetoencephalography. <i>NeuroImage</i> , 2000, 12, 298-306.	4.2	199
2	Fractional anisotropy and tumor cell density of the tumor core show positive correlation in diffusion tensor magnetic resonance imaging of malignant brain tumors. <i>NeuroImage</i> , 2008, 43, 29-35.	4.2	149
3	Three-dimensional distribution of acetabular cartilage thickness in patients with hip dysplasia: a fully automated computational analysis of MR imaging. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 650-657.	1.3	88
4	Fat-Suppressed 3D Spoiled Gradient-Echo MRI and MDCT Arthrography of Articular Cartilage in Patients with Hip Dysplasia. <i>American Journal of Roentgenology</i> , 2005, 185, 379-385.	2.2	79
5	Clinical accuracy evaluation of femoral canal preparation using the ROBODOC system. <i>Journal of Orthopaedic Science</i> , 2004, 9, 452-461.	1.1	53
6	Loaded Cartilage T2 Mapping in Patients with Hip Dysplasia. <i>Radiology</i> , 2010, 256, 955-965.	7.3	46
7	Articular Cartilage Abnormalities in Dysplastic Hips Without Joint Space Narrowing. <i>Clinical Orthopaedics and Related Research</i> , 2001, 383, 183-190.	1.5	42
8	Quantifying changes in nigrosomes using quantitative susceptibility mapping and neuromelanin imaging for the diagnosis of early-stage Parkinson's disease. <i>British Journal of Radiology</i> , 2018, 91, 20180037.	2.2	41
9	Quantitative mapping of cerebral deoxyhemoglobin content using MR imaging. <i>NeuroImage</i> , 2003, 20, 2071-2083.	4.2	33
10	Limits on the accuracy of 3-D thickness measurement in magnetic resonance images- Effects of voxel anisotropy. <i>IEEE Transactions on Medical Imaging</i> , 2003, 22, 1076-1088.	8.9	30
11	Comparison of the fit and fill between the Anatomic Hip femoral component and the VerSys Taper femoral component using virtual implantation on the ORTHODOC workstation. <i>Journal of Orthopaedic Science</i> , 2003, 8, 352-360.	1.1	27
12	Use of fractional anisotropy for determination of the cut-off value in <sup>11</sup> C-methionine positron emission tomography for glioma. <i>NeuroImage</i> , 2009, 45, 312-318.	4.2	27
13	Cardiac Cycle-Related Volume Change in Unruptured Cerebral Aneurysms. <i>Stroke</i> , 2012, 43, 61-66.	2.0	26
14	Towards prognostic functional brain biomarkers for cervical myelopathy: A resting-state fMRI study. <i>Scientific Reports</i> , 2019, 9, 10456.	3.3	26
15	Resting-state Amplitude of Low-frequency Fluctuation is a Potentially Useful Prognostic Functional Biomarker in Cervical Myelopathy. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1667-1680.	1.5	23
16	Quantitative study of changes in oxidative metabolism during visual stimulation using absolute relaxation rates. <i>NMR in Biomedicine</i> , 2006, 19, 60-68.	2.8	21
17	Comparison of Silent and Conventional MR Imaging for the Evaluation of Myelination in Children. <i>Magnetic Resonance in Medical Sciences</i> , 2017, 16, 209-216.	2.0	18
18	Comparison of diffusion tensor imaging and <sup>11</sup> C-methionine positron emission tomography for reliable prediction of tumor cell density in gliomas. <i>Journal of Neurosurgery</i> , 2016, 125, 1136-1142.	1.6	16

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19	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
20	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.	2.2	14
21	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.	2.0	14
22	Quantifying the Severity of Parkinson Disease by Use of Dopaminergic Neuroimaging. American Journal of Roentgenology, 2019, 213, 163-168.	2.2	8
23	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.	0.9	5
24	Limits to the Accuracy of 3D Thickness Measurement in Magnetic Resonance Images. Lecture Notes in Computer Science, 2001, , 803-810.	1.3	5
25	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
26	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.	0.7	4
27	A Hybrid Technique for Thickness-Map Visualization of the Hip Cartilages in MRI. IEICE Transactions on Information and Systems, 2009, E92-D, 2253-2263.	0.7	3
28	Performance improvement in multi-label thoracic abnormality classification of chest X-rays with noisy labels. International Journal of Computer Assisted Radiology and Surgery, 0, , .	2.8	3
29	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.	2.4	2
30	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 Hsueh K'an, 2012, 35, 101-113.	1.1	1
31	Adult hemimegalencephaly associated with multiple cerebral aneurysms. Neurology, 2015, 84, 2460-2461.	1.1	1
32	Silent susceptibility-weighted angiography to detect hemorrhagic lesions in the brain: a clinical and phantom study. Neuroradiology, 2020, 62, 205-209.	2.2	1
33	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.	0.7	0