

Akira Kunimatsu

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

5,249
citations

117625

34
h-index

98798

67
g-index

148
all docs

148
docs citations

148
times ranked

7830
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Tumor size in patients with severe pulmonary emphysema might be underestimated on preoperative CT. <i>European Radiology</i> , 2022, 32, 163-173. | 4.5 | 3 |
| 2 | Texture Analysis in Brain Tumor MR Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 95-109. | 2.0 | 8 |
| 3 | Whole-lesion histogram analysis of apparent diffusion coefficient for the assessment of non-mass enhancement lesions on breast MRI. <i>Journal of Clinical Imaging Science</i> , 2022, 12, 12. | 1.1 | 1 |
| 4 | Application of a Machine Learning Algorithm for Structural Brain Images in Chronic Schizophrenia to Earlier Clinical Stages of Psychosis and Autism Spectrum Disorder: A Multiprotocol Imaging Dataset Study. <i>Schizophrenia Bulletin</i> , 2022, 48, 563-574. | 4.3 | 15 |
| 5 | Radiomics with 3-dimensional magnetic resonance fingerprinting: influence of dictionary design on repeatability and reproducibility of radiomic features. <i>European Radiology</i> , 2022, 32, 4791-4800. | 4.5 | 4 |
| 6 | Clinical feasibility of an abdominal thin-slice breath-hold single-shot fast spin echo sequence processed using a deep learning-based noise-reduction approach. <i>Magnetic Resonance Imaging</i> , 2022, 90, 76-83. | 1.8 | 9 |
| 7 | Feasibility of accelerated whole-body diffusion-weighted imaging using a deep learning-based noise-reduction technique in patients with prostate cancer. <i>Magnetic Resonance Imaging</i> , 2022, 92, 169-179. | 1.8 | 7 |
| 8 | Neurochemical evidence for differential effects of acute and repeated oxytocin administration. <i>Molecular Psychiatry</i> , 2021, 26, 710-720. | 7.9 | 27 |
| 9 | Association of coagulopathy with liver dysfunction in patients with COVID-19. <i>Hepatology Research</i> , 2021, 51, 227-232. | 3.4 | 28 |
| 10 | Parkinson's disease: deep learning with a parameter-weighted structural connectome matrix for diagnosis and neural circuit disorder investigation. <i>Neuroradiology</i> , 2021, 63, 1451-1462. | 2.2 | 22 |
| 11 | Voice, rhythm, and beep stimuli differently affect the right hemisphere preponderance and components of stimulus-preceding negativity. <i>Biological Psychology</i> , 2021, 160, 108048. | 2.2 | 4 |
| 12 | Effects of negativity bias on amygdala and anterior cingulate cortex activity in short and long emotional stimulation paradigms. <i>NeuroReport</i> , 2021, 32, 531-539. | 1.2 | 0 |
| 13 | Common Brain Networks Between Major Depressive-Disorder Diagnosis and Symptoms of Depression That Are Validated for Independent Cohorts. <i>Frontiers in Psychiatry</i> , 2021, 12, 667881. | 2.6 | 3 |
| 14 | A multi-site, multi-disorder resting-state magnetic resonance image database. <i>Scientific Data</i> , 2021, 8, 227. | 5.3 | 48 |
| 15 | Detectability of pancreatic lesions by low-dose unenhanced computed tomography using iterative reconstruction. <i>European Journal of Radiology</i> , 2021, 141, 109776. | 2.6 | 0 |
| 16 | Effects of Gadolinium Deposition in the Brain on Motor or Behavioral Function: A Mouse Model. <i>Radiology</i> , 2021, 301, 409-416. | 7.3 | 9 |
| 17 | Registration Method Between Phase-Contrast Magnetic Resonance Angiography and Time-of-Flight Magnetic Resonance Angiography—A Preliminary Study. <i>Journal of Medical Imaging and Health Informatics</i> , 2021, 11, 33-39. | 0.3 | 2 |
| 18 | Breath-hold 3D magnetic resonance cholangiopancreatography at 1.5T using a deep learning-based noise-reduction approach: Comparison with the conventional respiratory-triggered technique. <i>European Journal of Radiology</i> , 2021, 144, 109994. | 2.6 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Adenocarcinoma in situ and minimally invasive adenocarcinoma in lungs of smokers: image feature differences from those in lungs of non-smokers. BMC Medical Imaging, 2021, 21, 172. | 2.7 | 4 |
| 20 | MRI findings in posttraumatic stress disorder. Journal of Magnetic Resonance Imaging, 2020, 52, 380-396. | 3.4 | 86 |
| 21 | Differences in Functional Connectivity Networks Related to the Midbrain Dopaminergic System-Related Area in Various Psychiatric Disorders. Schizophrenia Bulletin, 2020, 46, 1239-1248. | 4.3 | 20 |
| 22 | Clinical efficacy of haematopoietic stem cell transplantation for adult adrenoleukodystrophy. Brain Communications, 2020, 2, fcz048. | 3.3 | 14 |
| 23 | The Association Between Amygdala Subfield-Related Functional Connectivity and Stigma Reduction 12 Months After Social Contacts: A Functional Neuroimaging Study in a Subgroup of a Randomized Controlled Trial. Frontiers in Human Neuroscience, 2020, 14, 356. | 2.0 | 4 |
| 24 | Prediction of bone mineral density from computed tomography: application of deep learning with a convolutional neural network. European Radiology, 2020, 30, 3549-3557. | 4.5 | 68 |
| 25 | Application of CT texture analysis to assess the localization of primary aldosteronism. Scientific Reports, 2020, 10, 472. | 3.3 | 8 |
| 26 | Generalizable brain network markers of major depressive disorder across multiple imaging sites. PLoS Biology, 2020, 18, e3000966. | 5.6 | 54 |
| 27 | ADC histogram analysis of MR imaging in the different diagnosis between benign and malignant tumors in the parapharyngeal space. Japanese Journal of Head and Neck Cancer, 2020, 46, 248-253. | 0.1 | 0 |
| 28 | Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966. | | 0 |
| 29 | Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966. | | 0 |
| 30 | Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966. | | 0 |
| 31 | Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966. | | 0 |
| 32 | Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966. | | 0 |
| 33 | Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966. | | 0 |
| 34 | Factors associated with the size of the adhesio interthalamica based on 3.0-T magnetic resonance images. Acta Radiologica, 2019, 60, 113-119. | 1.1 | 7 |
| 35 | Machine Learning-based Texture Analysis of Contrast-enhanced MR Imaging to Differentiate between Glioblastoma and Primary Central Nervous System Lymphoma. Magnetic Resonance in Medical Sciences, 2019, 18, 44-52. | 2.0 | 40 |
| 36 | Harmonization of resting-state functional MRI data across multiple imaging sites via the separation of site differences into sampling bias and measurement bias. PLoS Biology, 2019, 17, e3000042. | 5.6 | 127 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | <p>Aberrant attentive and inattentive brain activity to auditory negative words, and its relation to persecutory delusion in patients with schizophrenia</p>. Neuropsychiatric Disease and Treatment, 2019, Volume 15, 491-502. | 2.2 | 2 |
| 38 | Differentiation between solitary fibrous tumors and schwannomas of the head and neck: an apparent diffusion coefficient histogram analysis. Dentomaxillofacial Radiology, 2019, 48, 20180298. | 2.7 | 5 |
| 39 | Deep learning with convolutional neural network in radiology. Japanese Journal of Radiology, 2018, 36, 257-272. | 2.4 | 243 |
| 40 | Current and Novel Techniques for Metal Artifact Reduction at CT: Practical Guide for Radiologists. Radiographics, 2018, 38, 450-461. | 3.3 | 211 |
| 41 | Gadoxetate disodium-induced tachypnoea and the effect of dilution method: a proof-of-concept study in mice. European Radiology, 2018, 28, 692-697. | 4.5 | 7 |
| 42 | Liver Fibrosis: Deep Convolutional Neural Network for Staging by Using Gadoxetic Acid-enhanced Hepatobiliary Phase MR Images. Radiology, 2018, 287, 146-155. | 7.3 | 148 |
| 43 | Anatomical Templates of the Midbrain Ventral Tegmental Area and Substantia Nigra for Asian Populations. Frontiers in Psychiatry, 2018, 9, 383. | 2.6 | 9 |
| 44 | Diffusional kurtosis imaging and white matter microstructure modeling in a clinical study of major depressive disorder. NMR in Biomedicine, 2018, 31, e3938. | 2.8 | 16 |
| 45 | Deep learning for staging liver fibrosis on CT: a pilot study. European Radiology, 2018, 28, 4578-4585. | 4.5 | 82 |
| 46 | Comparison between Glioblastoma and Primary Central Nervous System Lymphoma Using MR Image-based Texture Analysis. Magnetic Resonance in Medical Sciences, 2018, 17, 50-57. | 2.0 | 53 |
| 47 | Imaging Differences between Neuromyelitis Optica Spectrum Disorders and Multiple Sclerosis: A Multi-Institutional Study in Japan. American Journal of Neuroradiology, 2018, 39, 1239-1247. | 2.4 | 22 |
| 48 | The inhibitory effect of gadoxetate disodium on hepatic transporters: a study using indocyanine green. European Radiology, 2018, 28, 4128-4133. | 4.5 | 0 |
| 49 | Adverse effects of metallic artifacts on voxel-wise analysis and tract-based spatial statistics in diffusion tensor imaging. Acta Radiologica, 2017, 58, 211-217. | 1.1 | 1 |
| 50 | Diffusion imaging of reversible and irreversible microstructural changes within the corticospinal tract in idiopathic normal pressure hydrocephalus. NeuroImage: Clinical, 2017, 14, 663-671. | 2.7 | 42 |
| 51 | Synthetic MRI in the Detection of Multiple Sclerosis Plaques. American Journal of Neuroradiology, 2017, 38, 257-263. | 2.4 | 74 |
| 52 | Correlations between dopamine transporter density measured by 123I-FP-CIT SPECT and regional gray matter volume in Parkinson's disease. Japanese Journal of Radiology, 2017, 35, 755-759. | 2.4 | 7 |
| 53 | Spinal extradural arteriovenous fistulas with retrograde intradural venous drainage: Diagnostic features in digital subtraction angiography and time-resolved magnetic resonance angiography. Journal of Clinical Neuroscience, 2017, 45, 276-281. | 1.5 | 5 |
| 54 | Utility of a Multiparametric Quantitative MRI Model That Assesses Myelin and Edema for Evaluating Plaques, Periplaque White Matter, and Normal-Appearing White Matter in Patients with Multiple Sclerosis: A Feasibility Study. American Journal of Neuroradiology, 2017, 38, 237-242. | 2.4 | 51 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Feasibility of Diffusion Tensor Imaging at 1.5T Using Multi-Band Echo Planar Acquisition. <i>Magnetic Resonance in Medical Sciences</i> , 2017, 16, 169-175. | 2.0 | 5 |
| 56 | Skull Base Tumors and Tumor-Like Lesions: A Pictorial Review. <i>Polski Przegląd Radiologii I Medycyny Nuklearnej</i> , 2017, 82, 398-409. | 1.0 | 31 |
| 57 | Smaller outer diameter of atherosclerotic middle cerebral artery associated with RNF213 c.14576G>A Variant (rs112735431). , 2017, 8, 104. | | 16 |
| 58 | Factors Influencing Background Parenchymal Enhancement on Breast MRI Classified by Mammographic Density. <i>Kitakanto Medical Journal</i> , 2017, 67, 213-220. | 0.0 | 0 |
| 59 | Diffusional Kurtosis Imaging in Idiopathic Normal Pressure Hydrocephalus: Correlation with Severity of Cognitive Impairment. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 316-323. | 2.0 | 21 |
| 60 | Enlargement of the brachial plexus on magnetic resonance imaging: a novel finding in adult-onset Krabbe disease. <i>BJR case Reports</i> , 2016, 2, 20150213. | 0.2 | 4 |
| 61 | Machine Learning of DTI Structural Brain Connectomes for Lateralization of Temporal Lobe Epilepsy. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 121-129. | 2.0 | 36 |
| 62 | Variants of meningiomas: a review of imaging findings and clinical features. <i>Japanese Journal of Radiology</i> , 2016, 34, 459-469. | 2.4 | 46 |
| 63 | Intraventricular temperature measured by diffusion-weighted imaging compared with brain parenchymal temperature measured by MRS<i>in vivo</i>. <i>NMR in Biomedicine</i> , 2016, 29, 890-895. | 2.8 | 15 |
| 64 | Association between impaired brain activity and volume at the sub-region of Broca's area in ultra-high risk and first-episode schizophrenia: A multi-modal neuroimaging study. <i>Schizophrenia Research</i> , 2016, 172, 9-15. | 2.0 | 25 |
| 65 | Intraventricular cerebrospinal fluid temperature analysis using MR diffusion-weighted imaging thermometry in Parkinson's disease patients, multiple system atrophy patients, and healthy subjects. <i>Brain and Behavior</i> , 2015, 5, e00340. | 2.2 | 21 |
| 66 | Combined use of diffusion tensor tractography and multifused contrast-enhanced FIESTA for predicting facial and cochlear nerve positions in relation to vestibular schwannoma. <i>Journal of Neurosurgery</i> , 2015, 123, 1480-1488. | 1.6 | 29 |
| 67 | Diffusion tensor tractography of normal facial and vestibulocochlear nerves. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 383-392. | 2.8 | 20 |
| 68 | Feasibility of diffusion tensor tractography for preoperative prediction of the location of the facial and vestibulocochlear nerves in relation to vestibular schwannoma. <i>Acta Neurochirurgica</i> , 2015, 157, 939-946. | 1.7 | 16 |
| 69 | Longitudinal gray-matter volume change in the default-mode network: utility of volume standardized with global gray-matter volume for Alzheimer's disease: a preliminary study. <i>Radiological Physics and Technology</i> , 2015, 8, 64-72. | 1.9 | 3 |
| 70 | Effects of rTMS of Pre-Supplementary Motor Area on Fronto Basal Ganglia Network Activity during Stop-Signal Task. <i>Journal of Neuroscience</i> , 2015, 35, 4813-4823. | 3.6 | 86 |
| 71 | Clinical and neural effects of six-week administration of oxytocin on core symptoms of autism. <i>Brain</i> , 2015, 138, 3400-3412. | 7.6 | 186 |
| 72 | Recurrent cerebral aneurysm formation and rupture within a short period due to invasive aspergillosis of the nasal sinus; pathological analysis of the catastrophic clinical course. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 13510-22. | 0.5 | 8 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Cerebral Hemodynamic Impairment: Assessment with Resting-State Functional MR Imaging. <i>Radiology</i> , 2014, 270, 548-555. | 7.3 | 76 |
| 74 | Bidirectional effects on interhemispheric resting-state functional connectivity induced by excitatory and inhibitory repetitive transcranial magnetic stimulation. <i>Human Brain Mapping</i> , 2014, 35, 1896-1905. | 3.6 | 83 |
| 75 | Non-gaussian diffusion-weighted imaging for assessing diurnal changes in intervertebral disc microstructure. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1208-1214. | 3.4 | 10 |
| 76 | Network structure underlying resolution of conflicting non-verbal and verbal social information. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 767-775. | 3.0 | 22 |
| 77 | Changes in cerebro-cerebellar interaction during response inhibition after performance improvement. <i>NeuroImage</i> , 2014, 99, 142-148. | 4.2 | 17 |
| 78 | Database of normal Japanese gray matter volumes in the default mode network. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 132-142. | 3.4 | 4 |
| 79 | Depressive symptoms and neuroanatomical structures in community-dwelling women: A combined voxel-based morphometry and diffusion tensor imaging study with tract-based spatial statistics. <i>NeuroImage: Clinical</i> , 2014, 4, 481-487. | 2.7 | 25 |
| 80 | Depiction of branch vessels arising from intracranial aneurysm sacs: Time-of-flight MR angiography versus CT angiography. <i>Clinical Neurology and Neurosurgery</i> , 2014, 126, 177-184. | 1.4 | 5 |
| 81 | Two distinct neural mechanisms underlying indirect reciprocity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3990-3995. | 7.1 | 62 |
| 82 | Corticospinal tract-sparing intensity-modulated radiotherapy treatment planning. <i>Reports of Practical Oncology and Radiotherapy</i> , 2014, 19, 310-316. | 0.6 | 11 |
| 83 | Optimal setting of image bounding box can improve registration accuracy of diffusion tensor tractography. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 333-339. | 2.8 | 2 |
| 84 | Oxytocin improves behavioural and neural deficits in inferring others' social emotions in autism. <i>Brain</i> , 2014, 137, 3073-3086. | 7.6 | 147 |
| 85 | Pre- and Intraoperative Brain Functional Mapping in Brain Tumor Surgery. <i>Japanese Journal of Neurosurgery</i> , 2014, 23, 5-11. | 0.0 | 0 |
| 86 | Decreased Fronto-Temporal Interaction during Fixation after Memory Retrieval. <i>PLoS ONE</i> , 2014, 9, e110798. | 2.5 | 0 |
| 87 | Diffeomorphic Anatomical Registration Through Exponentiated Lie Algebra provides reduced effect of scanner for cortex volumetry with atlas-based method in healthy subjects. <i>Neuroradiology</i> , 2013, 55, 869-875. | 2.2 | 95 |
| 88 | Bilateral pre- and postcentral gyrus volume positively correlates with T2-SNR of putamen in healthy adults. <i>Neuroradiology</i> , 2013, 55, 245-250. | 2.2 | 3 |
| 89 | Preliminary report on virtual monochromatic spectral imaging with fast kVp switching dual energy head CT: comparable image quality to that of 120-kVp CT without increasing the radiation dose. <i>Japanese Journal of Radiology</i> , 2013, 31, 293-298. | 2.4 | 31 |
| 90 | Structural brain abnormalities in women with subclinical depression, as revealed by voxel-based morphometry and diffusion tensor imaging. <i>Journal of Affective Disorders</i> , 2013, 144, 263-268. | 4.1 | 37 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Diffusion tensor tract-specific analysis of the uncinate fasciculus in patients with progressive supranuclear palsy. <i>Journal of Neuroradiology</i> , 2013, 40, 121-129. | 1.1 | 8 |
| 92 | Comparison of pure and hybrid iterative reconstruction techniques with conventional filtered back projection: Image quality assessment in the cervicothoracic region. <i>European Journal of Radiology</i> , 2013, 82, 356-360. | 2.6 | 44 |
| 93 | Anterior Cingulate Abnormality as a Neural Correlate of Mismatch Negativity in Schizophrenia. <i>Neuropsychobiology</i> , 2013, 68, 197-204. | 1.9 | 10 |
| 94 | Association between iron content and gray matter missegmentation with voxel-based morphometry in basal ganglia. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 958-962. | 3.4 | 11 |
| 95 | Effects of age and gender on neuroanatomical volumes. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1072-1076. | 3.4 | 32 |
| 96 | Model-Based Iterative Reconstruction Technique for Ultralow-Dose Chest CT. <i>Investigative Radiology</i> , 2013, 48, 206-212. | 6.2 | 136 |
| 97 | Semipermanent Volumization by an Absorbable Filler. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2013, 1, 1-11. | 0.6 | 28 |
| 98 | Consecutive Acquisition of Time-resolved Contrast-enhanced MR Angiography and Perfusion MR Imaging with Added Dose of Gadolinium-based Contrast Agent Aids Diagnosis of Suspected Brain Metastasis. <i>Magnetic Resonance in Medical Sciences</i> , 2013, 12, 87-93. | 2.0 | 3 |
| 99 | Dissociable Temporo-Parietal Memory Networks Revealed by Functional Connectivity during Episodic Retrieval. <i>PLoS ONE</i> , 2013, 8, e71210. | 2.5 | 7 |
| 100 | A Pitfall of the Volume Rendering Method with 3D Time-of-Flight MRA: A Case of a Branching Vessel at the Aneurysm Neck. <i>Magnetic Resonance in Medical Sciences</i> , 2013, 12, 53-56. | 2.0 | 4 |
| 101 | Automatic Extraction of the Cingulum Bundle in Diffusion Tensor Tract-specific Analysis: Feasibility Study in Parkinson's Disease with and without Dementia. <i>Magnetic Resonance in Medical Sciences</i> , 2013, 12, 201-213. | 2.0 | 3 |
| 102 | A new strategic neurosurgical planning tool for brainstem cavernous malformations using interactive computer graphics with multimodal fusion images. <i>Journal of Neurosurgery</i> , 2012, 117, 78-88. | 1.6 | 58 |
| 103 | Efficiency of Go/No-Go Task Performance Implemented in the Left Hemisphere. <i>Journal of Neuroscience</i> , 2012, 32, 9059-9065. | 3.6 | 69 |
| 104 | Effects of Image Distortion Correction on Voxel-based Morphometry. <i>Magnetic Resonance in Medical Sciences</i> , 2012, 11, 27-34. | 2.0 | 20 |
| 105 | Reversible splenial lesion in the corpus callosum following rapid withdrawal of carbamazepine after neurosurgical decompression for trigeminal neuralgia. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1182-1184. | 1.5 | 18 |
| 106 | Impaired hemodynamic response in the ischemic brain assessed with BOLD fMRI. <i>NeuroImage</i> , 2012, 61, 579-590. | 4.2 | 34 |
| 107 | Two cases of spontaneous temporal encephalocele. <i>Journal of Neuroradiology</i> , 2012, 39, 360-363. | 1.1 | 11 |
| 108 | Radiological features of IgG4-related disease in the head, neck, and brain. <i>Neuroradiology</i> , 2012, 54, 873-882. | 2.2 | 88 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Local Signal Time-Series during Rest Used for Areal Boundary Mapping in Individual Human Brains. PLoS ONE, 2012, 7, e36496. | 2.5 | 25 |
| 110 | Diminished Medial Prefrontal Activity behind Autistic Social Judgments of Incongruent Information. PLoS ONE, 2012, 7, e39561. | 2.5 | 63 |
| 111 | Influence of Signal Intensity Non-Uniformity on Brain Volumetry Using an Atlas-Based Method. Korean Journal of Radiology, 2012, 13, 391. | 3.4 | 19 |
| 112 | Clinical Value of 3D T2*-weighted Imaging with Multi-echo Acquisition: Comparison with Conventional 2D T2*-weighted Imaging and 3D Phase-sensitive MR Imaging. Magnetic Resonance in Medical Sciences, 2012, 11, 205-211. | 2.0 | 11 |
| 113 | Model-based iterative reconstruction technique for radiation dose reduction in chest CT: comparison with the adaptive statistical iterative reconstruction technique. European Radiology, 2012, 22, 1613-1623. | 4.5 | 254 |
| 114 | Tract-specific analysis of white matter integrity disruption in schizophrenia. Psychiatry Research - Neuroimaging, 2012, 201, 136-143. | 1.8 | 55 |
| 115 | Precision of the measurement of CT numbers: comparison of dual-energy CT spectral imaging with fast kVp switching and conventional CT with phantoms. Japanese Journal of Radiology, 2012, 30, 34-39. | 2.4 | 23 |
| 116 | Effect of radiation dose and adaptive statistical iterative reconstruction on image quality of pulmonary computed tomography. Japanese Journal of Radiology, 2012, 30, 146-153. | 2.4 | 26 |
| 117 | Repeatability of Measured Brain Volume by Atlas-Based Method Using T1-Weighted Image. Journal of Digital Imaging, 2012, 25, 173-178. | 2.9 | 5 |
| 118 | Neural correlates of deficits in subcomponents of working memory in schizophrenia: An fMRI study. Neuroscience Research, 2011, 71, e394. | 1.9 | 0 |
| 119 | Stroke and Anti-VEGF Therapy. Ophthalmology, 2011, 118, 2093-2093.e2. | 5.2 | 15 |
| 120 | Impact of Multiorgan Fusion Imaging and Interactive 3-Dimensional Visualization for Intraventricular Neuroendoscopic Surgery. Operative Neurosurgery, 2011, 69, ons40-ons48. | 0.8 | 23 |
| 121 | Postsurgical Spinal Magnetic Resonance Imaging With Iterative Decomposition of Water and Fat With Echo Asymmetry and Least-Squares Estimation. Journal of Computer Assisted Tomography, 2011, 35, 16-20. | 0.9 | 11 |
| 122 | Entorhinal cortex volume measured with 3T MRI is positively correlated with the Wechsler Memory Scale-Revised logical/verbal memory score for healthy subjects. Neuroradiology, 2011, 53, 617-622. | 2.2 | 18 |
| 123 | Accelerated hippocampal volume reduction in post-menopausal women: an additional study with Atlas-based method. Radiological Physics and Technology, 2011, 4, 185-188. | 1.9 | 12 |
| 124 | Changes in MR Diffusion Properties during Active Muscle Contraction in the Calf. Magnetic Resonance in Medical Sciences, 2010, 9, 1-8. | 2.0 | 23 |
| 125 | High signal intensity in the dural sinuses on 3D-TOF MR angiography at 3.0 T. Clinical Imaging, 2010, 34, 332-336. | 1.5 | 17 |
| 126 | Gender Differences in MR Muscle Tractography. Magnetic Resonance in Medical Sciences, 2010, 9, 111-118. | 2.0 | 17 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Temporo-parietal cortical networks for recency judgments as revealed by a resting-state functional connectivity analysis. <i>Neuroscience Research</i> , 2010, 68, e443. | 1.9 | 0 |
| 128 | Differential temporo-parietal cortical networks that support relational and item-based recency judgments. <i>NeuroImage</i> , 2010, 49, 3474-3480. | 4.2 | 17 |
| 129 | Contrast-enhanced magnetic resonance characteristics of arteriovenous malformations after γ knife radiosurgery: predictors of post-angiographic obliteration hemorrhage. <i>Neurosurgery</i> , 2010, 67, 100-9; discussion 109. | 1.1 | 0 |
| 130 | Formation of Long-Term Memory Representation in Human Temporal Cortex Related to Pictorial Paired Associates. <i>Journal of Neuroscience</i> , 2009, 29, 10335-10340. | 3.6 | 44 |
| 131 | Radiofrequency Ablation of the Liver: Determination of Ablative Margin at MR Imaging with Impaired Clearance of Ferucarbotran—Feasibility Study. <i>Radiology</i> , 2009, 251, 557-565. | 7.3 | 49 |
| 132 | Neural correlates of long-term associative memory in human temporal cortex. <i>Neuroscience Research</i> , 2009, 65, S236. | 1.9 | 0 |
| 133 | Nipple-centered Radiate MPR Images of MDCT for Evaluation of Breast Cancer Extent. <i>Kitakanto Medical Journal</i> , 2009, 59, 123-129. | 0.0 | 0 |
| 134 | Tract-specific analysis of the superior occipitofrontal fasciculus in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 198-205. | 1.8 | 26 |
| 135 | Fractional Anisotropy Values of Calf Muscles in Normative State after Exercise: Preliminary Results. <i>Magnetic Resonance in Medical Sciences</i> , 2008, 7, 157-162. | 2.0 | 23 |
| 136 | Utilization of diffusion tensor tractography in combination with spatial normalization to assess involvement of the corticospinal tract in capsular/pericapsular stroke: Feasibility and clinical implications. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1399-1404. | 3.4 | 33 |
| 137 | Amyotrophic lateral sclerosis: diffusion tensor tractography and voxel-based analysis. <i>NMR in Biomedicine</i> , 2004, 17, 411-416. | 2.8 | 130 |
| 138 | Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction—Based Diffusion Tensor Imaging. <i>Journal of Computer Assisted Tomography</i> , 2004, 28, 654-660. | 0.9 | 10 |
| 139 | The Optimal Trackability Threshold of Fractional Anisotropy for Diffusion Tensor Tractography of the Corticospinal Tract. <i>Magnetic Resonance in Medical Sciences</i> , 2004, 3, 11-17. | 2.0 | 233 |
| 140 | Neuro-Behçet's disease: analysis of apparent diffusion coefficients. <i>Neuroradiology</i> , 2003, 45, 524-527. | 2.2 | 17 |
| 141 | Three-dimensional white matter tractography by diffusion tensor imaging in ischaemic stroke involving the corticospinal tract. <i>Neuroradiology</i> , 2003, 45, 532-535. | 2.2 | 218 |
| 142 | MR imaging of ischemic penumbra. <i>European Journal of Radiology</i> , 2003, 46, 67-78. | 2.6 | 22 |
| 143 | Normal aging in the central nervous system: quantitative MR diffusion-tensor analysis. <i>Neurobiology of Aging</i> , 2002, 23, 433-441. | 3.1 | 405 |
| 144 | Diffusion Property in a Hamartomatous Lesion of Neurofibromatosis Type 1. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 537-539. | 0.9 | 12 |