

# Tomohisa Okada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8288168/publications.pdf>

Version: 2024-02-01

201  
papers

8,000  
citations

44069

48  
h-index

60623

81  
g-index

213  
all docs

213  
docs citations

213  
times ranked

10247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial for "Fully Automated MRI Segmentation and Volumetric Measurement of Intracranial Meningioma Using Deep Learning", Journal of Magnetic Resonance Imaging, 2023, 57, 882-883.	3.4	0
2	Safety for Human MR Scanners at 7T. Magnetic Resonance in Medical Sciences, 2022, 21, 531-537.	2.0	3
3	Editorial for "Longitudinal Sodium MRI of Multiple Sclerosis Lesions: Is There Added Value of Sodium Inversion Recovery MRI?", Journal of Magnetic Resonance Imaging, 2022, 55, 152-153.	3.4	0
4	Insertable inductively coupled volumetric coils for MR microscopy in a human 7T MR system. Magnetic Resonance in Medicine, 2022, 87, 1613-1620.	3.0	6
5	Neuromelanin-Sensitive Magnetic Resonance Imaging Using DANTE Pulse. Movement Disorders, 2021, 36, 874-882.	3.9	16
6	Signal Intensity and Volume of Pituitary and Thyroid Glands in Preterm and Term Infants. Journal of Magnetic Resonance Imaging, 2021, 53, 1151-1161.	3.4	3
7	Evaluation of cerebral arteriovenous shunts: a comparison of parallel imaging time-of-flight magnetic resonance angiography (TOF-MRA) and compressed sensing TOF-MRA to digital subtraction angiography. Neuroradiology, 2021, 63, 879-887.	2.2	11
8	Quiet Diffusion-weighted MR Imaging of the Brain for Pediatric Patients with Moyamoya Disease. Magnetic Resonance in Medical Sciences, 2021, , .	2.0	0
9	Clinical Application of MPRAGE Wave Controlled Aliasing in Parallel Imaging (Wave-CAIPI): A Comparative Study with MPRAGE GRAPPA. Magnetic Resonance in Medical Sciences, 2021, , .	2.0	1
10	Quantitative and qualitative evaluation of sequential PET/MRI using a newly developed mobile PET system for brain imaging. Japanese Journal of Radiology, 2021, 39, 669-680.	2.4	2
11	Chemical Exchange Saturation Transfer (CEST) MR Imaging for the Diagnosis of Brain Tumors. Japanese Journal of Magnetic Resonance in Medicine, 2021, 41, 14-21.	0.0	0
12	Two-Minute Quantitative Susceptibility Mapping From Three-Dimensional Echo-Planar Imaging. Investigative Radiology, 2021, 56, 69-77.	6.2	10
13	Population Receptive Field Characteristics in the between- and Within-Digit Dimensions of the Undominant Hand in the Primary Somatosensory Cortex. Cerebral Cortex, 2021, 31, 4427-4438.	2.9	12
14	Repeatability of proton magnetic resonance spectroscopy of the brain at 7 T: effect of scan time on semi-localized by adiabatic selective refocusing and short-echo time stimulated echo acquisition mode scans and their comparison. Quantitative Imaging in Medicine and Surgery, 2021, 11, 9-20.	2.0	12
15	Brain/MINDS beyond human brain MRI project: A protocol for multi-level harmonization across brain disorders throughout the lifespan. NeuroImage: Clinical, 2021, 30, 102600.	2.7	34
16	Prior ensemble learning. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1937-1945.	2.8	0
17	Revascularization Surgery in Childhood Associated with a Low Incidence of Microbleeds in Adult Patients with Moyamoya. World Neurosurgery, 2020, 133, e716-e721.	1.3	6
18	Evaluation of image quality of pituitary dynamic contrast-enhanced MRI using time-resolved angiography with interleaved stochastic trajectories (TWIST) and iterative reconstruction TWIST (ITWIST). Journal of Magnetic Resonance Imaging, 2020, 51, 1497-1506.	3.4	11

#	ARTICLE	IF	CITATIONS
19	Brain MRI with Quantitative Susceptibility Mapping: Relationship to CT Attenuation Values. <i>Radiology</i> , 2020, 294, 600-609.	7.3	20
20	Early and late effects of electroconvulsive therapy associated with different temporal lobe structures. <i>Translational Psychiatry</i> , 2020, 10, 344.	4.8	8
21	Acceleration of 2D-MR fingerprinting by reducing the number of echoes with increased in-plane resolution: a volunteer study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 783-791.	2.0	2
22	Diffusion Tensor Model links to Neurite Orientation Dispersion and Density Imaging at high b-value in Cerebral Cortical Gray Matter. <i>Scientific Reports</i> , 2019, 9, 12246.	3.3	49
23	Advantages of fluid and white matter suppression (FLAWS) with MP2RAGE compared with double inversion recovery turbo spin echo (DIR-TSE) at 7T. <i>European Journal of Radiology</i> , 2019, 116, 160-164.	2.6	11
24	Anterior Choroidal Artery Infarction Evaluated with 123I-Imp Single-Photon Emission Computed Tomography and 7 Tesla Magnetic Resonance Imaging. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, e51-e52.	1.6	1
25	Restoration of periventricular vasculature after direct bypass for moyamoya disease: intra-individual comparison. <i>Acta Neurochirurgica</i> , 2019, 161, 947-954.	1.7	13
26	Visualization of carotid vessel wall and atherosclerotic plaque: T1-SPACE vs. compressed sensing T1-SPACE. <i>European Radiology</i> , 2019, 29, 4114-4122.	4.5	19
27	Resting-state Functional Magnetic Resonance Imaging Identifies Cerebrovascular Reactivity Impairment in Patients With Arterial Occlusive Diseases: A Pilot Study. <i>Neurosurgery</i> , 2019, 85, 680-688.	1.1	13
28	Neurite imaging reveals microstructural variations in human cerebral cortical gray matter. <i>NeuroImage</i> , 2018, 182, 488-499.	4.2	164
29	Addition of Amide Proton Transfer Imaging to FDG-PET/CT Improves Diagnostic Accuracy in Glioma Grading: A Preliminary Study Using the Continuous Net Reclassification Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 265-272.	2.4	13
30	Differential diagnosis of parkinsonian syndromes using dopamine transporter and perfusion SPECT. <i>Parkinsonism and Related Disorders</i> , 2018, 47, 15-21.	2.2	25
31	Power Optimization for Chemical Exchange Saturation Transfer Imaging: A Phantom Study Using Egg White for Amide Proton Transfer Imaging Applications in the Human Brain. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 86-94.	2.0	9
32	Magnetic resonance angiography with compressed sensing: An evaluation of moyamoya disease. <i>PLoS ONE</i> , 2018, 13, e0189493.	2.5	36
33	Uterine peristalsis and junctional zone: correlation with age and postmenopausal status. <i>Acta Radiologica</i> , 2017, 58, 224-231.	1.1	7
34	Relationship between aging and $T_1$ relaxation time in deep gray matter: A voxel-based analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 724-731.	3.4	26
35	Diagnostic performance between contrast enhancement, proton MR spectroscopy, and amide proton transfer imaging in patients with brain tumors. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 732-739.	3.4	28
36	Occlusion Status on Magnetic Resonance Angiography Is Associated with Risk of Delayed Ischemic Events in Cerebral Aneurysms Treated with Stent-Assisted Coiling. <i>World Neurosurgery</i> , 2017, 107, 226-232.	1.3	4

#	ARTICLE	IF	CITATIONS
37	Clinical evaluation of time-of-flight MR angiography with sparse undersampling and iterative reconstruction for cerebral aneurysms. <i>NMR in Biomedicine</i> , 2017, 30, e3774.	2.8	22
38	Dynamics of gyrification in the human cerebral cortex during development. <i>Congenital Anomalies (discontinued)</i> , 2017, 57, 8-14.	0.6	4
39	Quantitative assessment of gadolinium deposition in dentate nucleus using quantitative susceptibility mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1352-1358.	3.4	31
40	MR imaging of uterine morphology and dynamic changes during lactation. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 617-623.	3.4	6
41	Differential diagnosis of posterior fossa brain tumors. <i>Medicine (United States)</i> , 2017, 96, e7767.	1.0	3
42	Automatic Identification of the Cardiac Rest Period Using Template Updating for Magnetic Resonance Coronary Angiography. <i>Advanced Biomedical Engineering</i> , 2016, 5, 26-31.	0.6	3
43	Jugular venous reflux on magnetic resonance angiography and radionuclide venography. <i>Acta Radiologica Open</i> , 2016, 5, 205846011668120.	0.6	1
44	Voxel Based Analysis of Surgical Revascularization for Moyamoya Disease: Pre- and Postoperative SPECT Studies. <i>PLoS ONE</i> , 2016, 11, e0148925.	2.5	15
45	Compressed Sensing 3-Dimensional Time-of-Flight Magnetic Resonance Angiography for Cerebral Aneurysms. <i>Investigative Radiology</i> , 2016, 51, 228-235.	6.2	45
46	Time-of-Flight Magnetic Resonance Angiography With Sparse Undersampling and Iterative Reconstruction. <i>Investigative Radiology</i> , 2016, 51, 372-378.	6.2	27
47	MR Imaging of the Pituitary Gland and Postsphenoid Ossification in Fetal Specimens. <i>American Journal of Neuroradiology</i> , 2016, 37, 1523-1527.	2.4	4
48	MP2RAGE for deep gray matter measurement of the brain: A comparative study with MPRAGE. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 55-62.	3.4	55
49	T1-weighted MR imaging of glioma at 3T: a comparative study of 3D MPRAGE vs. conventional 2D spin-echo imaging. <i>Clinical Imaging</i> , 2016, 40, 1257-1261.	1.5	9
50	Diagnostic utility of FDG-PET in neurolymphomatosis: report of five cases. <i>Journal of Neurology</i> , 2016, 263, 1719-1726.	3.6	17
51	Overall safety and efficacy of high-dose and low-dose intravenous glucocorticoid therapy in patients with moderate-to-severe active Graves' ophthalmopathy. <i>Endocrine Journal</i> , 2016, 63, 703-714.	1.6	6
52	Altered striatal circuits underlie characteristic personality traits in Parkinson's disease. <i>Journal of Neurology</i> , 2016, 263, 1828-1839.	3.6	17
53	Diffusion tensor imaging of the optic chiasm in patients with intra- or parasellar tumor using readout-segmented echo-planar. <i>Magnetic Resonance Imaging</i> , 2016, 34, 654-661.	1.8	8
54	Moyamoya Disease (Spontaneous Occlusion of the Circle of Willis)., 2016, , 817-863.		0

#	ARTICLE	IF	CITATIONS
55	Optimization of non-contrast-enhanced MR angiography of the renal artery with three-dimensional balanced steady-state free-precession and time-spatial labeling inversion pulse (time-SLIP) at 3T MRI, in relation to age and blood velocity. <i>Abdominal Radiology</i> , 2016, 41, 119-126.	2.1	3
56	Periventricular anastomosis in moyamoya disease: detecting fragile collateral vessels with MR angiography. <i>Journal of Neurosurgery</i> , 2016, 124, 1766-1772.	1.6	78
57	Optimization of Regularization Parameters in Compressed Sensing of Magnetic Resonance Angiography: Can Statistical Image Metrics Mimic Radiologists' Perception?. <i>PLoS ONE</i> , 2016, 11, e0146548.	2.5	17
58	Morphological features and length measurements of fetal lateral ventricles at 16â€“25 weeks of gestation by magnetic resonance imaging. <i>Congenital Anomalies (discontinued)</i> , 2015, 55, 99-102.	0.6	7
59	Quantitative Susceptibility Mapping at 3 T and 1.5 T. <i>Investigative Radiology</i> , 2015, 50, 522-530.	6.2	58
60	Grading Meningioma. <i>Medicine (United States)</i> , 2015, 94, e549.	1.0	17
61	Z-Spectrum Analysis Provides Proton Environment Data (ZAPPED): A New Two-Pool Technique for Human Gray and White Matter. <i>PLoS ONE</i> , 2015, 10, e0119915.	2.5	2
62	Unstable moyamoya disease: clinical features and impact on perioperative ischemic complications. <i>Journal of Neurosurgery</i> , 2015, 122, 400-407.	1.6	71
63	Primary central nervous system lymphoma and glioblastoma: differentiation using dynamic susceptibility-contrast perfusion-weighted imaging, diffusion-weighted imaging, and 18F-fluorodeoxyglucose positron emission tomography. <i>Clinical Imaging</i> , 2015, 39, 390-395.	1.5	30
64	Grading glial tumors with amide proton transfer MR imaging: different analytical approaches. <i>Journal of Neuro-Oncology</i> , 2015, 122, 339-348.	2.9	75
65	Estimation of proliferative potential of central neurocytoma: correlational analysis of minimum ADC and maximum SUV with MIB-1 labeling index. <i>Acta Radiologica</i> , 2015, 56, 114-120.	1.1	6
66	Subcutaneous fluid collection: An imaging marker for treatment response of infectious thoracolumbar spondylodiscitis. <i>European Journal of Radiology</i> , 2015, 84, 1306-1312.	2.6	7
67	Differentiation between primary central nervous system lymphoma and glioblastoma: a comparative study of parameters derived from dynamic susceptibility contrast-enhanced perfusion-weighted MRI. <i>Clinical Radiology</i> , 2015, 70, 1393-1399.	1.1	32
68	Primary central nervous system lymphoma: is absence of intratumoral hemorrhage a characteristic finding on MRI?. <i>Radiology and Oncology</i> , 2015, 49, 128-134.	1.7	12
69	Analysis of Susceptibility-Weighted Images of Cortico-Medullary Junction. <i>Magnetic Resonance in Medical Sciences</i> , 2014, 13, 231-238.	2.0	0
70	Detection of Time-Varying Structures by Large Deformation Diffeomorphic Metric Mapping to Aid Reading of High-Resolution CT Images of the Lung. <i>PLoS ONE</i> , 2014, 9, e85580.	2.5	14
71	Dynamic Oxygen-Enhanced MRI of Cerebrospinal Fluid. <i>PLoS ONE</i> , 2014, 9, e100723.	2.5	15
72	Quantitative imaging values of CT, MR, and FDG-PET to differentiate pineal parenchymal tumors and germinomas: are they useful?. <i>Neuroradiology</i> , 2014, 56, 297-303.	2.2	36

#	ARTICLE	IF	CITATIONS
73	Diffusion tensor imaging analysis of optic radiation using readout-segmented echo-planar imaging. <i>Surgical and Radiologic Anatomy</i> , 2014, 36, 973-980.	1.2	2
74	3D dynamic pituitary MR imaging with CAIPIRINHA: Initial experience and comparison with 2D dynamic MR imaging. <i>European Journal of Radiology</i> , 2014, 83, 1900-1906.	2.6	8
75	Non-contrast-enhanced MR angiography of uterine arteries with balanced steady-state free precession and time-space labelling inversion pulse: Technical optimization and preliminary results. <i>Clinical Radiology</i> , 2014, 69, 669-673.	1.1	4
76	Visualization of Lenticulostriate Arteries at 3T. <i>Academic Radiology</i> , 2014, 21, 812-816.	2.5	18
77	Moyamoya Disease (Spontaneous Occlusion of the Circle of Willis). , 2014, , 1-50.		0
78	“Early esophageal rim enhancement” A new sign of esophageal cancer on dynamic CT. <i>European Journal of Radiology</i> , 2013, 82, 459-463.	2.6	4
79	Diffusion tensor imaging (DTI) of the normal human uterus in vivo at 3 tesla: Comparison of DTI parameters in the different uterine layers. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1494-1500.	3.4	25
80	Anterior temporal lobe white matter abnormal signal (ATLAS) as an indicator of seizure focus laterality in temporal lobe epilepsy: comparison of double inversion recovery, FLAIR and T2W MR imaging. <i>European Radiology</i> , 2013, 23, 3-11.	4.5	30
81	Morphology and morphometry of fetal liver at 16–26 weeks of gestation by magnetic resonance imaging: Comparison with embryonic liver at Carnegie stage 23. <i>Hepatology Research</i> , 2013, 43, 639-647.	3.4	6
82	Visualization of Lenticulostriate Arteries by Flow-Sensitive Black-Blood MR Angiography on a 1.5T MRI System: A Comparative Study between Subjects with and without Stroke. <i>American Journal of Neuroradiology</i> , 2013, 34, 780-784.	2.4	24
83	Fat-Water Interface on Susceptibility-Weighted Imaging and Gradient-Echo Imaging: Comparison of Phantoms to Intracranial Lipomas. <i>American Journal of Roentgenology</i> , 2013, 201, 902-907.	2.2	13
84	Timing dependence of peripheral pulse-wave-triggered pulsed arterial spin labeling. <i>NMR in Biomedicine</i> , 2013, 26, 1527-1533.	2.8	4
85	Advanced MRI in malignant neoplasms of the uterus. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 249-264.	3.4	23
86	Evaluation of focus laterality in temporal lobe epilepsy: A quantitative study comparing double inversion recovery MR imaging at 3T with FDG-PET. <i>Epilepsia</i> , 2013, 54, 2174-2183.	5.1	15
87	Anticholinergic agents result in weaker and shorter suppression of uterine contractility compared with intestinal motion: time course observation with cine MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1196-1202.	3.4	9
88	Respiratory Motion and Correction Simulation Platform for Coronary MR Angiography. <i>IEICE Transactions on Information and Systems</i> , 2013, E96.D, 111-119.	0.7	0
89	Organizing Intracerebral Hematoma Mimicking a Recurrent Brain Tumor on FDG-PET. <i>Clinical Nuclear Medicine</i> , 2013, 38, e411-e413.	1.3	3
90	Magnetic Resonance Imaging of Vascular Encephalopathy Related to Pregnancy. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 520-525.	2.2	11

#	ARTICLE	IF	CITATIONS
91	Reduced-Distortion Diffusion MRI of the Craniovertebral Junction. American Journal of Neuroradiology, 2012, 33, 1321-1325.	2.4	18
92	Evaluation of CT angiography for visualisation of the lenticulostriate artery: difference between normotensive and hypertensive patients. British Journal of Radiology, 2012, 85, e1004-e1008.	2.2	24
93	Changes of the Normal Ovary During Menstrual Cycle in Reproductive Age on the Diffusion-Weighted Image. Journal of Computer Assisted Tomography, 2012, 36, 319-322.	0.9	12
94	Detection of symptomatic vasospasm after subarachnoid haemorrhage: initial findings from single time-point and serial measurements with arterial spin labelling. European Radiology, 2012, 22, 2382-2391.	4.5	14
95	Non-contrast-enhanced MR venography of the upper limb: a comparative study of acquisitions with fresh blood imaging vs. time-of-flight methods. Clinical Imaging, 2012, 36, 496-501.	1.5	13
96	DWI based thermometry: The effects of b-values, resolutions, signal-to-noise ratio, and magnet strength. , 2012, 2012, 2291-3.		5
97	MRI evaluation of residual tumor size after neoadjuvant endocrine therapy vs. neoadjuvant chemotherapy. European Journal of Radiology, 2012, 81, 2148-2153.	2.6	15
98	Hot cross bun sign in multiple system atrophy with predominant cerebellar ataxia: A comparison between proton density-weighted imaging and T2-weighted imaging. European Journal of Radiology, 2012, 81, 2848-2852.	2.6	25
99	Assessment of CAD-generated tumor volumes measured using MRI in breast cancers before and after neoadjuvant chemotherapy. European Journal of Radiology, 2012, 81, 2627-2631.	2.6	18
100	Diagnosis of moyamoya disease using 3-T MRI and MRA: value of cisternal moyamoya vessels. Neuroradiology, 2012, 54, 1089-1097.	2.2	27
101	Estimation of the timing of carotid artery flow using peripheral pulse wave-gated MRI. Journal of Magnetic Resonance Imaging, 2012, 36, 454-458.	3.4	5
102	Longitudinal evaluation of cartilage after osteochondral autogenous transfer with delayed gadolinium-enhanced MRI of the cartilage (dGEMRIC). Journal of Orthopaedic Research, 2012, 30, 221-225.	2.3	6
103	Whole-heart coronary MR angiography under a single breath-hold: A comparative study with respiratory-gated acquisition using a multi-element phased-array coil. Clinical Radiology, 2011, 66, 1060-1063.	1.1	4
104	Non-contrast-enhanced hepatic MR angiography: Do two-dimensional parallel imaging and short tau inversion recovery methods shorten acquisition time without image quality deterioration?. European Journal of Radiology, 2011, 77, 137-142.	2.6	14
105	BLADE acquisition method improves T2-weighted MR images of the female pelvis compared with a standard fast spin-echo sequence. European Journal of Radiology, 2011, 80, 796-801.	2.6	23
106	Development and Evaluation of a Low-Cost and High-Capacity DICOM Image Data Storage System for Research. Journal of Digital Imaging, 2011, 24, 190-195.	2.9	12
107	Effective encapsulation of a new cationic gadolinium chelate into apoferritin and its evaluation as an MRI contrast agent. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 638-646.	3.3	34
108	Apparent Diffusion Coefficient as an MR Imaging Biomarker of Low-Risk Ductal Carcinoma in Situ: A Pilot Study. Radiology, 2011, 260, 364-372.	7.3	83

#	ARTICLE	IF	CITATIONS
109	Hyperintense Dentate Nucleus on Unenhanced T1-weighted MR Images Is Associated with a History of Brain Irradiation. <i>Radiology</i> , 2011, 258, 222-228.	7.3	59
110	Improved Detection of Hepatic Metastases From Pancreatic Cancer Using Periodically Rotated Overlapping Parallel Lines With Enhanced Reconstruction (PROPELLER) Technique After SPIO Administration. <i>Investigative Radiology</i> , 2010, 45, 158-164.	6.2	11
111	Effect of hyoscine butylbromide (HBB) on the uterine corpus: Quantitative assessment with T2-weighted (T2W) MRI in healthy volunteers. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 441-445.	3.4	5
112	Electron-tracking Compton gamma-ray camera for small animal and phantom imaging. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 623, 606-607.	1.6	25
113	Imaging study of a phantom and small animal with a two-head electron-tracking Compton gamma-ray camera. , 2010, , .		0
114	Radiologist model for cardiac rest period determination based on fuzzy rule. , 2010, 2010, 4092-5.		2
115	Whole-heart magnetic resonance coronary angiography with multiple breath-holds and automatic breathing-level tracking. <i>Journal of Applied Physics</i> , 2010, 107, 09B308.	2.5	1
116	Imaging reagents study for nuclear medicine using an electron-tracking Compton gamma-ray camera. , 2009, , .		0
117	An approach for automatic selecting of optimal data acquisition window for magnetic resonance coronary angiography. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
118	Hepatic Lesions: Improved Image Quality and Detection with the Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction Technique—Evaluation of SPIO-enhanced T2-weighted MR Images. <i>Radiology</i> , 2009, 251, 388-397.	7.3	37
119	Visuokinesthetic Perception of Hand Movement is Mediated by Cerebro-cerebellar Interaction between the Left Cerebellum and Right Parietal Cortex. <i>Cerebral Cortex</i> , 2009, 19, 176-186.	2.9	78
120	Cortical activation during optokinetic stimulation — an fMRI study. <i>Acta Oto-Laryngologica</i> , 2009, 129, 440-443.	0.9	25
121	Visualization of the lenticulostriate artery with flow-sensitive black-blood acquisition in comparison with time-of-flight MR angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 65-69.	3.4	29
122	Non-contrast-enhanced MR angiography for selective visualization of the hepatic vein and inferior vena cava with true steady-state free precession sequence and time-spatial labeling inversion pulses: Preliminary results. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 474-479.	3.4	31
123	Non-contrast-enhanced MR portography with time-spatial labeling inversion pulses: Comparison of imaging with three-dimensional half-fourier fast spin-echo and true steady-state free precession sequences. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1140-1146.	3.4	40
124	Visualization of external carotid artery and its branches: Non-contrast-enhanced MR angiography using balanced steady-state free precession sequence and a time-spatial labeling inversion pulse. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 678-683.	3.4	21
125	Facilitated acquisition of whole-heart coronary magnetic resonance angiography with visual feedback of respiration status. <i>International Journal of Cardiovascular Imaging</i> , 2009, 25, 397-403.	1.5	3
126	Unenhanced MR Portography With a Half-Fourier Fast Spin-Echo Sequence and Time-Space Labeling Inversion Pulses: Preliminary Results. <i>American Journal of Roentgenology</i> , 2009, 193, 106-112.	2.2	34



#	ARTICLE	IF	CITATIONS
127	Non-contrast-enhanced hepatic MR angiography with true steady-state free-precession and time spatial labeling inversion pulse: Optimization of the technique and preliminary results. <i>European Journal of Radiology</i> , 2009, 70, 111-117.	2.6	41
128	Whole-heart coronary magnetic resonance angiography with parallel imaging: Comparison of acceleration in one-dimension vs. two-dimensions. <i>European Journal of Radiology</i> , 2009, 71, 486-491.	2.6	13
129	Software-based Fusion of PET and CT Images for Suspected Recurrent Lung Cancer. <i>Molecular Imaging and Biology</i> , 2008, 10, 147-153.	2.6	19
130	Source of nonlinearity of the BOLD response revealed by simultaneous fMRI and NIRS. <i>NeuroImage</i> , 2008, 39, 997-1013.	4.2	35
131	Evaluation of Biliary Abnormalities with 64-Channel Multidetector CT. <i>Radiographics</i> , 2008, 28, 119-134.	3.3	28
132	Clinical Value of Manual Fusion of PET and CT Images in Patients with Suspected Recurrent Colorectal Cancer. <i>American Journal of Roentgenology</i> , 2007, 188, 257-267.	2.2	40
133	Human limb-specific and non-limb-specific brain representations during kinesthetic illusory movements of the upper and lower extremities. <i>European Journal of Neuroscience</i> , 2007, 25, 3476-3487.	2.6	131
134	Reproducibility of magnetic resonance spectroscopy in correlation with signal-to-noise ratio. <i>Psychiatry Research - Neuroimaging</i> , 2007, 156, 169-174.	1.8	17
135	Diagnostic performance of CT, PET, side-by-side, and fused image interpretations for restaging of non-Hodgkin lymphoma. <i>Annals of Nuclear Medicine</i> , 2007, 21, 189-196.	2.2	24
136	Hemodynamic and electrophysiological relationship involved in human face processing: Evidence from a combined fMRI-ERP study. <i>Brain and Cognition</i> , 2006, 60, 176-186.	1.8	45
137	Volume of left amygdala subregion predicted temperamental trait of harm avoidance in female young subjects. A voxel-based morphometry study. <i>Brain Research</i> , 2006, 1125, 85-93.	2.2	74
138	Reduced responsiveness is an essential feature of chronic fatigue syndrome: A fMRI study. <i>BMC Neurology</i> , 2006, 6, 9.	1.8	64
139	Practice makes perfect: the neural substrates of tactile discrimination by Mah-Jong experts include the primary visual cortex. <i>BMC Neuroscience</i> , 2006, 7, 79.	1.9	46
140	Neural Correlates of the Spontaneous Phase Transition during Bimanual Coordination. <i>Cerebral Cortex</i> , 2006, 16, 1338-1348.	2.9	95
141	The Representation of the Human Oral Area in the Somatosensory Cortex: a Functional MRI Study. <i>Cerebral Cortex</i> , 2006, 16, 669-675.	2.9	96
142	Accuracy of Image Fusion Using a Fixation Device for Whole-Body Cancer Imaging. <i>American Journal of Roentgenology</i> , 2005, 184, 1960-1966.	2.2	16
143	Cross-modal integration and plastic changes revealed by lip movement, random-dot motion and sign languages in the hearing and deaf. <i>Cerebral Cortex</i> , 2005, 15, 1113-1122.	2.9	85
144	A Variant C178T in the Regulatory Region of the Serotonin Receptor Gene HTR3A Modulates Neural Activation in the Human Amygdala. <i>Journal of Neuroscience</i> , 2005, 25, 6460-6466.	3.6	74

#	ARTICLE	IF	CITATIONS
145	The Pituitary Gland: Changes on MR Images During the 1st Year after Delivery. <i>Radiology</i> , 2005, 235, 999-1004.	7.3	18
146	Brain activation by thermal stimulation in humans studied with fMRI. <i>Elsevier Ergonomics Book Series</i> , 2005, 3, 17-20.	0.1	1
147	Cross-modal Binding and Activated Attentional Networks during Audio-visual Speech Integration: a Functional MRI Study. <i>Cerebral Cortex</i> , 2005, 15, 1750-1760.	2.9	74
148	Linking semantic priming effect in functional MRI and event-related potentials. <i>NeuroImage</i> , 2005, 24, 624-634.	4.2	119
149	Tactile estimation of the roughness of gratings yields a graded response in the human brain: an fMRI study. <i>NeuroImage</i> , 2005, 25, 90-100.	4.2	86
150	Evaluating frequency-wise directed connectivity of BOLD signals applying relative power contribution with the linear multivariate time-series models. <i>NeuroImage</i> , 2005, 25, 478-490.	4.2	28
151	Hemispheric asymmetry emerges at distinct parts of the occipitotemporal cortex for objects, logograms and phonograms: A functional MRI study. <i>NeuroImage</i> , 2005, 28, 521-528.	4.2	30
152	Removing the effects of task-related motion using independent-component analysis. <i>NeuroImage</i> , 2005, 25, 802-814.	4.2	57
153	Magnetic field strength increase yields significantly greater contrast-to-noise ratio increase: Measured using BOLD contrast in the primary visual area1. <i>Academic Radiology</i> , 2005, 12, 142-147.	2.5	30
154	Neural mechanisms underlying the processing of Chinese words: An fMRI study. <i>Neuroscience Research</i> , 2005, 52, 139-145.	1.9	51
155	Age-dependent plasticity in the superior temporal sulcus in deaf humans: a functional MRI study. <i>BMC Neuroscience</i> , 2004, 5, 56.	1.9	50
156	Mechanisms underlying fatigue: a voxel-based morphometric study of chronic fatigue syndrome. <i>BMC Neurology</i> , 2004, 4, 14.	1.8	184
157	Phonemic manipulation in Japanese: an fMRI study. <i>Cognitive Brain Research</i> , 2004, 20, 261-272.	3.0	23
158	Tactile discrimination activates the visual cortex of the recently blind naive to Braille: a functional magnetic resonance imaging study in humans. <i>Neuroscience Letters</i> , 2004, 359, 49-52.	2.1	106
159	Activation of the primary and association auditory cortex by the transition of sound intensity: a new method for functional examination of the auditory cortex in humans. <i>Neuroscience Letters</i> , 2004, 359, 119-123.	2.1	6
160	Functional association of the amygdala and ventral prefrontal cortex during cognitive evaluation of facial expressions primed by masked angry faces: an event-related fMRI study. <i>NeuroImage</i> , 2004, 21, 352-363.	4.2	195
161	The neural substrates of conscious color perception demonstrated using fMRI. <i>NeuroImage</i> , 2004, 21, 1665-1673.	4.2	41
162	fMRI activation maps based on the NN-ARx model. <i>NeuroImage</i> , 2004, 23, 680-697.	4.2	40

#	ARTICLE	IF	CITATIONS
163	Your hand movements in my somatosensory cortex: a visuo-kinesthetic function in human area 2. <i>NeuroReport</i> , 2004, 15, 2019-2023.	1.2	29
164	Tactile“visual cross-modal shape matching: a functional MRI study. <i>Cognitive Brain Research</i> , 2003, 17, 14-25.	3.0	99
165	Finger movements lighten neural loads in the recognition of ideographic characters. <i>Cognitive Brain Research</i> , 2003, 17, 263-272.	3.0	29
166	Dissociable neural responses in the hippocampus to the retrieval of facial identity and emotion: An event-related fMRI study. <i>Hippocampus</i> , 2003, 13, 429-436.	1.9	24
167	Neural correlates underlying mental calculation in abacus experts: a functional magnetic resonance imaging study. <i>NeuroImage</i> , 2003, 19, 296-307.	4.2	138
168	Neural substrates participating in acquisition of facial familiarity: an fMRI study. <i>NeuroImage</i> , 2003, 20, 1734-1742.	4.2	67
169	The neural substrates of driving at a safe distance: a functional MRI study. <i>Neuroscience Letters</i> , 2003, 352, 199-202.	2.1	107
170	Differential activity in the premotor cortex subdivisions in humans during mental calculation and verbal rehearsal tasks: a functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2003, 347, 199-201.	2.1	59
171	Facial recognition reactivates the primary visual cortex: an functional magnetic resonance imaging study in humans. <i>Neuroscience Letters</i> , 2003, 350, 21-24.	2.1	4
172	Feasibility of Internally Referenced Brain Temperature Imaging with a Metabolite Signal. <i>Magnetic Resonance in Medical Sciences</i> , 2003, 2, 17-22.	2.0	44
173	Silent fMRI Acquisition Methods for Large Acoustic Noise during Scan. <i>Magnetic Resonance in Medical Sciences</i> , 2003, 2, 181-187.	2.0	5
174	The Role of Rostral Brodmann Area 6 in Mental-operation Tasks: an Integrative Neuroimaging Approach. <i>Cerebral Cortex</i> , 2002, 12, 1157-1170.	2.9	167
175	Abnormal cortical mechanisms of voluntary muscle relaxation in patients with writer’s cramp: an fMRI study. <i>Brain</i> , 2002, 125, 895-903.	7.6	111
176	Differential amygdala response during facial recognition in patients with schizophrenia: an fMRI study. <i>Schizophrenia Research</i> , 2002, 57, 87-95.	2.0	162
177	Critical Period for Cross-Modal Plasticity in Blind Humans: A Functional MRI Study. <i>NeuroImage</i> , 2002, 16, 389-400.	4.2	297
178	Functional Magnetic Resonance Imaging Evidence for a Representation of the Ear in Human Primary Somatosensory Cortex: Comparison with Magnetoencephalography Study. <i>NeuroImage</i> , 2002, 17, 1217-1226.	4.2	23
179	Brain activation during whole body cooling in humans studied with functional magnetic resonance imaging. <i>Neuroscience Letters</i> , 2002, 329, 157-160.	2.1	61
180	Manipulo-Spatial Processing of Ideographic Characters in Left-handers: Observation in fMRI. <i>Magnetic Resonance in Medical Sciences</i> , 2002, 1, 21-26.	2.0	4

#	ARTICLE	IF	CITATIONS
181	Visual detection of motion speed in humans: spatiotemporal analysis by fMRI and MEG. <i>Human Brain Mapping</i> , 2002, 16, 104-118.	3.6	75
182	Age-related differences in the medial temporal lobe responses to emotional faces as revealed by fMRI. <i>Hippocampus</i> , 2002, 12, 352-362.	1.9	173
183	Neural Interaction of the Amygdala with the Prefrontal and Temporal Cortices in the Processing of Facial Expressions as Revealed by fMRI. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 1035-1047.	2.3	218
184	Attention to emotion modulates fMRI activity in human right superior temporal sulcus. <i>Cognitive Brain Research</i> , 2001, 12, 225-231.	3.0	316
185	Ideographic characters call for extra processing to correspond with phonemes. <i>NeuroReport</i> , 2001, 12, 2227-2230.	1.2	20
186	BOLD Contrast on a 3 T Magnet: Detectability of the Motor Areas. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 436-445.	0.9	11
187	Functional mapping of human medial frontal motor areas. <i>Experimental Brain Research</i> , 2001, 138, 403-409.	1.5	46
188	Post-stimulus response in hemodynamics observed by functional magnetic resonance imaging—difference between the primary sensorimotor area and the supplementary motor area. <i>Magnetic Resonance Imaging</i> , 2000, 18, 1215-1219.	1.8	14
189	Functional magnetic resonance imaging of human cognitive processes. <i>Japanese Psychological Research</i> , 2000, 42, 26-35.	1.1	2
190	Expectation of Pain Enhances Responses to Nonpainful Somatosensory Stimulation in the Anterior Cingulate Cortex and Parietal Operculum/Posterior Insula: an Event-Related Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 2000, 20, 7438-7445.	3.6	476
191	Participation of the left posterior inferior temporal cortex in writing and mental recall of kanji orthography. <i>Brain</i> , 2000, 123, 954-967.	7.6	108
192	Neural substrates for depth perception of the Necker cube; a functional magnetic resonance imaging study in human subjects. <i>Neuroscience Letters</i> , 2000, 282, 145-148.	2.1	62
193	Naming of animals and tools: a functional magnetic resonance imaging study of categorical differences in the human brain areas commonly used for naming visually presented objects. <i>Neuroscience Letters</i> , 2000, 296, 33-36.	2.1	71
194	Attentional modulation of parieto-occipital cortical responses: implications for hemispatial neglect. <i>Journal of the Neurological Sciences</i> , 2000, 176, 136-143.	0.6	10
195	Activities of the Primary and Supplementary Motor Areas Increase in Preparation and Execution of Voluntary Muscle Relaxation: An Event-Related fMRI Study. <i>Journal of Neuroscience</i> , 1999, 19, 3527-3534.	3.6	140
196	A functional magnetic resonance imaging study of listening comprehension of languages in human at 3 tesla-comprehension level and activation of the language areas. <i>Neuroscience Letters</i> , 1999, 263, 33-36.	2.1	86
197	Assessment of regional and global left ventricular function by reinjection Tl-201 and rest Tc-99m sestamibi ECG-gated SPECT. <i>Journal of the American College of Cardiology</i> , 1999, 33, 991-997.	2.8	105
198	Transient Neural Activity in the Medial Superior Frontal Gyrus and Precuneus Time Locked with Attention Shift between Object Features. <i>NeuroImage</i> , 1999, 10, 193-199.	4.2	178

#	ARTICLE	IF	CITATIONS
199	Strategy for lipid suppression in lactate imaging using STIR-DQCT: A study of hypoxic-ischemic brain injury. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 629-632.	3.0	7
200	A functional MRI analysis of comprehension processes of Japanese sentences. <i>NeuroReport</i> , 1998, 9, 3325-3328.	1.2	75
201	Intracranial contour extraction with active contour models. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 353-360.	3.4	4