Tomohisa Okada

List of Publications by Year in descending order

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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	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. Journal of Neuroscience, 2000, 20, 7438-7445.	3.6	476
2	Attention to emotion modulates fMRI activity in human right superior temporal sulcus. Cognitive Brain Research, 2001, 12, 225-231.	3.0	316
3	Critical Period for Cross-Modal Plasticity in Blind Humans: A Functional MRI Study. NeuroImage, 2002, 16, 389-400.	4.2	297
4	Neural Interaction of the Amygdala with the Prefrontal and Temporal Cortices in the Processing of Facial Expressions as Revealed by fMRI. Journal of Cognitive Neuroscience, 2001, 13, 1035-1047.	2.3	218
5	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. NeuroImage, 2004, 21, 352-363.	4.2	195
6	Mechanisms underlying fatigue: a voxel-based morphometric study of chronic fatigue syndrome. BMC Neurology, 2004, 4, 14.	1.8	184
7	Transient Neural Activity in the Medial Superior Frontal Gyrus and Precuneus Time Locked with Attention Shift between Object Features. NeuroImage, 1999, 10, 193-199.	4.2	178
8	Ageâ€related differences in the medial temporal lobe responses to emotional faces as revealed by fMRI. Hippocampus, 2002, 12, 352-362.	1.9	173
9	The Role of Rostral Brodmann Area 6 in Mental-operation Tasks: an Integrative Neuroimaging Approach. Cerebral Cortex, 2002, 12, 1157-1170.	2.9	167
10	Neurite imaging reveals microstructural variations in human cerebral cortical gray matter. NeuroImage, 2018, 182, 488-499.	4.2	164
11	Differential amygdala response during facial recognition in patients with schizophrenia: an fMRI study. Schizophrenia Research, 2002, 57, 87-95.	2.0	162
12	Activities of the Primary and Supplementary Motor Areas Increase in Preparation and Execution of Voluntary Muscle Relaxation: An Event-Related fMRI Study. Journal of Neuroscience, 1999, 19, 3527-3534.	3.6	140
13	Neural correlates underlying mental calculation in abacus experts: a functional magnetic resonance imaging study. NeuroImage, 2003, 19, 296-307.	4.2	138
14	Human limb-specific and non-limb-specific brain representations during kinesthetic illusory movements of the upper and lower extremities. European Journal of Neuroscience, 2007, 25, 3476-3487.	2.6	131
15	Linking semantic priming effect in functional MRI and event-related potentials. NeuroImage, 2005, 24, 624-634.	4.2	119
16	Abnormal cortical mechanisms of voluntary muscle relaxation in patients with writerâ€™s cramp: an fMRI study. Brain, 2002, 125, 895-903.	7.6	111
17	Participation of the left posterior inferior temporal cortex in writing and mental recall of kanji orthography. Brain, 2000, 123, 954-967.	7.6	108
18	The neural substrates of driving at a safe distance: a functional MRI study. Neuroscience Letters, 2003, 352, 199-202.	2.1	107

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19	Tactile discrimination activates the visual cortex of the recently blind naive to Braille: a functional magnetic resonance imaging study in humans. Neuroscience Letters, 2004, 359, 49-52.	2.1	106
20	Assessment of regional and global left ventricular function by reinjection Tl-201 and rest Tc-99m sestamibi ECG-gated SPECT. Journal of the American College of Cardiology, 1999, 33, 991-997.	2.8	105
21	Tactileâ€“visual cross-modal shape matching: a functional MRI study. Cognitive Brain Research, 2003, 17, 14-25.	3.0	99
22	The Representation of the Human Oral Area in the Somatosensory Cortex: a Functional MRI Study. Cerebral Cortex, 2006, 16, 669-675.	2.9	96
23	Neural Correlates of the Spontaneous Phase Transition during Bimanual Coordination. Cerebral Cortex, 2006, 16, 1338-1348.	2.9	95
24	A functional magnetic resonance imaging study of listening comprehension of languages in human at 3 tesla-comprehension level and activation of the language areas. Neuroscience Letters, 1999, 263, 33-36.	2.1	86
25	Tactile estimation of the roughness of gratings yields a graded response in the human brain: an fMRI study. NeuroImage, 2005, 25, 90-100.	4.2	86
26	Cross-modal integration and plastic changes revealed by lip movement, random-dot motion and sign languages in the hearing and deaf. Cerebral Cortex, 2005, 15, 1113-1122.	2.9	85
27	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
28	Visuokinesthetic Perception of Hand Movement is Mediated by Cerebroâ€“Cerebellar Interaction between the Left Cerebellum and Right Parietal Cortex. Cerebral Cortex, 2009, 19, 176-186.	2.9	78
29	Periventricular anastomosis in moyamoya disease: detecting fragile collateral vessels with MR angiography. Journal of Neurosurgery, 2016, 124, 1766-1772.	1.6	78
30	A functional MRI analysis of comprehension processes of Japanese sentences. NeuroReport, 1998, 9, 3325-3328.	1.2	75
31	Visual detection of motion speed in humans: spatiotemporal analysis by fMRI and MEG. Human Brain Mapping, 2002, 16, 104-118.	3.6	75
32	Grading glial tumors with amide proton transfer MR imaging: different analytical approaches. Journal of Neuro-Oncology, 2015, 122, 339-348.	2.9	75
33	A Variant C178T in the Regulatory Region of the Serotonin Receptor Gene HTR3A Modulates Neural Activation in the Human Amygdala. Journal of Neuroscience, 2005, 25, 6460-6466.	3.6	74
34	Cross-modal Binding and Activated Attentional Networks during Audio-visual Speech Integration: a Functional MRI Study. Cerebral Cortex, 2005, 15, 1750-1760.	2.9	74
35	Volume of left amygdala subregion predicted temperamental trait of harm avoidance in female young subjects. A voxel-based morphometry study. Brain Research, 2006, 1125, 85-93.	2.2	74
36	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. Neuroscience Letters, 2000, 296, 33-36.	2.1	71

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37	Unstable moyamoya disease: clinical features and impact on perioperative ischemic complications. Journal of Neurosurgery, 2015, 122, 400-407.	1.6	71
38	Neural substrates participating in acquisition of facial familiarity: an fMRI study. NeuroImage, 2003, 20, 1734-1742.	4.2	67
39	Reduced responsiveness is an essential feature of chronic fatigue syndrome: A fMRI study. BMC Neurology, 2006, 6, 9.	1.8	64
40	Neural substrates for depth perception of the Necker cube; a functional magnetic resonance imaging study in human subjects. Neuroscience Letters, 2000, 282, 145-148.	2.1	62
41	Brain activation during whole body cooling in humans studied with functional magnetic resonance imaging. Neuroscience Letters, 2002, 329, 157-160.	2.1	61
42	Differential activity in the premotor cortex subdivisions in humans during mental calculation and verbal rehearsal tasks: a functional magnetic resonance imaging study. Neuroscience Letters, 2003, 347, 199-201.	2.1	59
43	Hyperintense Dentate Nucleus on Unenhanced T1-weighted MR Images Is Associated with a History of Brain Irradiation. Radiology, 2011, 258, 222-228.	7.3	59
44	Quantitative Susceptibility Mapping at 3 T and 1.5 T. Investigative Radiology, 2015, 50, 522-530.	6.2	58
45	Removing the effects of task-related motion using independent-component analysis. NeuroImage, 2005, 25, 802-814.	4.2	57
46	MP2RAGE for deep gray matter measurement of the brain: A comparative study with MPRAGE. Journal of Magnetic Resonance Imaging, 2016, 43, 55-62.	3.4	55
47	Neural mechanisms underlying the processing of Chinese words: An fMRI study. Neuroscience Research, 2005, 52, 139-145.	1.9	51
48	Age-dependent plasticity in the superior temporal sulcus in deaf humans: a functional MRI study. BMC Neuroscience, 2004, 5, 56.	1.9	50
49	Diffusion Tensor Model links to Neurite Orientation Dispersion and Density Imaging at high b-value in Cerebral Cortical Gray Matter. Scientific Reports, 2019, 9, 12246.	3.3	49
50	Functional mapping of human medial frontal motor areas. Experimental Brain Research, 2001, 138, 403-409.	1.5	46
51	Practice makes perfect: the neural substrates of tactile discrimination by Mah-Jong experts include the primary visual cortex. BMC Neuroscience, 2006, 7, 79.	1.9	46
52	Hemodynamic and electrophysiological relationship involved in human face processing: Evidence from a combined fMRIâ€“ERP study. Brain and Cognition, 2006, 60, 176-186.	1.8	45
53	Compressed Sensing 3-Dimensional Time-of-Flight Magnetic Resonance Angiography for Cerebral Aneurysms. Investigative Radiology, 2016, 51, 228-235.	6.2	45
54	Feasibility of Internally Referenced Brain Temperature Imaging with a Metabolite Signal. Magnetic Resonance in Medical Sciences, 2003, 2, 17-22.	2.0	44

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55	The neural substrates of conscious color perception demonstrated using fMRI. NeuroImage, 2004, 21, 1665-1673.	4.2	41
56	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. European Journal of Radiology, 2009, 70, 111-117.	2.6	41
57	fMRI activation maps based on the NN-ARx model. NeuroImage, 2004, 23, 680-697.	4.2	40
58	Clinical Value of Manual Fusion of PET and CT Images in Patients with Suspected Recurrent Colorectal Cancer. American Journal of Roentgenology, 2007, 188, 257-267.	2.2	40
59	Nonâ€contrastâ€enhanced MR portography with timeâ€spatial labeling inversion pulses: Comparison of imaging with threeâ€dimensional halfâ€fourier fast spinâ€echo and true steadyâ€state freeâ€precession sequences. Journal of Magnetic Resonance Imaging, 2009, 29, 1140-1146.	3.4	40
60	Hepatic Lesions: Improved Image Quality and Detection with the Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction Techniqueâ€”Evaluation of SPIO-enhanced T2-weighted MR Images. Radiology, 2009, 251, 388-397.	7.3	37
61	Quantitative imaging values of CT, MR, and FDG-PET to differentiate pineal parenchymal tumors and germinomas: are they useful?. Neuroradiology, 2014, 56, 297-303.	2.2	36
62	Magnetic resonance angiography with compressed sensing: An evaluation of moyamoya disease. PLoS ONE, 2018, 13, e0189493.	2.5	36
63	Source of nonlinearity of the BOLD response revealed by simultaneous fMRI and NIRS. NeuroImage, 2008, 39, 997-1013.	4.2	35
64	Unenhanced MR Portography With a Half-Fourier Fast Spin-Echo Sequence and Time-Space Labeling Inversion Pulses: Preliminary Results. American Journal of Roentgenology, 2009, 193, 106-112.	2.2	34
65	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
66	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
67	Differentiation between primary central nervous system lymphoma and glioblastoma: a comparative study of parameters derived from dynamic susceptibility contrast-enhanced perfusion-weighted MRI. Clinical Radiology, 2015, 70, 1393-1399.	1.1	32
68	Nonâ€contrastâ€enhanced MR angiography for selective visualization of the hepatic vein and inferior vena cava with true steadyâ€state freeâ€precession sequence and timeâ€spatial labeling inversion pulses: Preliminary results. Journal of Magnetic Resonance Imaging, 2009, 29, 474-479.	3.4	31
69	Quantitative assessment of gadolinium deposition in dentate nucleus using quantitative susceptibility mapping. Journal of Magnetic Resonance Imaging, 2017, 45, 1352-1358.	3.4	31
70	Hemispheric asymmetry emerges at distinct parts of the occipitotemporal cortex for objects, logograms and phonograms: A functional MRI study. NeuroImage, 2005, 28, 521-528.	4.2	30
71	Magnetic field strength increase yields significantly greater contrast-to-noise ratio increase: Measured using BOLD contrast in the primary visual area1. Academic Radiology, 2005, 12, 142-147.	2.5	30
72	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. European Radiology, 2013, 23, 3-11.	4.5	30

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73	Primary central nervous system lymphoma and glioblastoma: differentiation using dynamic susceptibility-contrast perfusion-weighted imaging, diffusion-weighted imaging, and 18F-fluorodeoxyglucose positron emission tomography. Clinical Imaging, 2015, 39, 390-395.	1.5	30
74	Finger movements lighten neural loads in the recognition of ideographic characters. Cognitive Brain Research, 2003, 17, 263-272.	3.0	29
75	Your hand movements in my somatosensory cortex: a visuo-kinesthetic function in human area 2. NeuroReport, 2004, 15, 2019-2023.	1.2	29
76	Visualization of the lenticulostriate artery with flowâ€sensitive blackâ€blood acquisition in comparison with timeâ€ofâ€flight MR angiography. Journal of Magnetic Resonance Imaging, 2009, 29, 65-69.	3.4	29
77	Evaluating frequency-wise directed connectivity of BOLD signals applying relative power contribution with the linear multivariate time-series models. NeuroImage, 2005, 25, 478-490.	4.2	28
78	Evaluation of Biliary Abnormalities with 64-Channel Multidetector CT. Radiographics, 2008, 28, 119-134.	3.3	28
79	Diagnostic performance between contrast enhancement, proton MR spectroscopy, and amide proton transfer imaging in patients with brain tumors. Journal of Magnetic Resonance Imaging, 2017, 46, 732-739.	3.4	28
80	Diagnosis of moyamoya disease using 3-T MRI and MRA: value of cisternal moyamoya vessels. Neuroradiology, 2012, 54, 1089-1097.	2.2	27
81	Time-of-Flight Magnetic Resonance Angiography With Sparse Undersampling and Iterative Reconstruction. Investigative Radiology, 2016, 51, 372-378.	6.2	27
82	Relationship between aging and T₁ relaxation time in deep gray matter: A voxelâ€based analysis. Journal of Magnetic Resonance Imaging, 2017, 46, 724-731.	3.4	26
83	Cortical activation during optokinetic stimulation â€“ an fMRI study. Acta Oto-Laryngologica, 2009, 129, 440-443.	0.9	25
84	Electron-tracking Compton gamma-ray camera for small animal and phantom imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 606-607.	1.6	25
85	â€œHot cross bunâ€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
86	Diffusion tensor imaging (DTI) of the normal human uterus in vivo at 3 tesla: Comparison of DTI parameters in the different uterine layers. Journal of Magnetic Resonance Imaging, 2013, 38, 1494-1500.	3.4	25
87	Differential diagnosis of parkinsonian syndromes using dopamine transporter and perfusion SPECT. Parkinsonism and Related Disorders, 2018, 47, 15-21.	2.2	25
88	Dissociable neural responses in the hippocampus to the retrieval of facial identity and emotion: An event-related fMRI study. Hippocampus, 2003, 13, 429-436.	1.9	24
89	Diagnostic performance of CT, PET, side-by-side, and fused image interpretations for restaging of non-Hodgkin lymphoma. Annals of Nuclear Medicine, 2007, 21, 189-196.	2.2	24
90	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

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91	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. American Journal of Neuroradiology, 2013, 34, 780-784.	2.4	24
92	Functional Magnetic Resonance Imaging Evidence for a Representation of the Ear in Human Primary Somatosensory Cortex: Comparison with Magnetoencephalography Study. NeuroImage, 2002, 17, 1217-1226.	4.2	23
93	Phonemic manipulation in Japanese: an fMRI study. Cognitive Brain Research, 2004, 20, 261-272.	3.0	23
94	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
95	Advanced MRI in malignant neoplasms of the uterus. Journal of Magnetic Resonance Imaging, 2013, 37, 249-264.	3.4	23
96	Clinical evaluation of timeâ€ofâ€flight MR angiography with sparse undersampling and iterative reconstruction for cerebral aneurysms. NMR in Biomedicine, 2017, 30, e3774.	2.8	22
97	Visualization of external carotid artery and its branches: Nonâ€“contrastâ€enhanced MR angiography using balanced steadyâ€state freeâ€precession sequence and a timeâ€spatial labeling inversion pulse. Journal of Magnetic Resonance Imaging, 2009, 30, 678-683.	3.4	21
98	Ideographic characters call for extra processing to correspond with phonemes. NeuroReport, 2001, 12, 2227-2230.	1.2	20
99	Brain MRI with Quantitative Susceptibility Mapping: Relationship to CT Attenuation Values. Radiology, 2020, 294, 600-609.	7.3	20
100	Software-based Fusion of PET and CT Images for Suspected Recurrent Lung Cancer. Molecular Imaging and Biology, 2008, 10, 147-153.	2.6	19
101	Visualization of carotid vessel wall and atherosclerotic plaque: T1-SPACE vs. compressed sensing T1-SPACE. European Radiology, 2019, 29, 4114-4122.	4.5	19
102	The Pituitary Gland: Changes on MR Images During the 1st Year after Delivery. Radiology, 2005, 235, 999-1004.	7.3	18
103	Reduced-Distortion Diffusion MRI of the Craniovertebral Junction. American Journal of Neuroradiology, 2012, 33, 1321-1325.	2.4	18
104	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
105	Visualization of Lenticulostriate Arteries at 3T. Academic Radiology, 2014, 21, 812-816.	2.5	18
106	Reproducibility of magnetic resonance spectroscopy in correlation with signal-to-noise ratio. Psychiatry Research - Neuroimaging, 2007, 156, 169-174.	1.8	17
107	Grading Meningioma. Medicine (United States), 2015, 94, e549.	1.0	17
108	Diagnostic utility of FDG-PET in neurolymphomatosis: report of five cases. Journal of Neurology, 2016, 263, 1719-1726.	3.6	17

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109	Altered striatal circuits underlie characteristic personality traits in Parkinsonâ€™s disease. Journal of Neurology, 2016, 263, 1828-1839.	3.6	17
110	Optimization of Regularization Parameters in Compressed Sensing of Magnetic Resonance Angiography: Can Statistical Image Metrics Mimic Radiologists' Perception?. PLoS ONE, 2016, 11, e0146548.	2.5	17
111	Accuracy of Image Fusion Using a Fixation Device for Whole-Body Cancer Imaging. American Journal of Roentgenology, 2005, 184, 1960-1966.	2.2	16
112	Neuromelaninâ€Sensitive Magnetic Resonance Imaging Using <scp>DANTE</scp> Pulse. Movement Disorders, 2021, 36, 874-882.	3.9	16
113	MRI evaluation of residual tumor size after neoadjuvant endocrine therapy vs. neoadjuvant chemotherapy. European Journal of Radiology, 2012, 81, 2148-2153.	2.6	15
114	Evaluation of focus laterality in temporal lobe epilepsy: A quantitative study comparing double inversionâ€recovery <scp>MR</scp> imaging at 3<scp>T</scp> with FDGâ€PET. Epilepsia, 2013, 54, 2174-2183.	5.1	15
115	Dynamic Oxygen-Enhanced MRI of Cerebrospinal Fluid. PLoS ONE, 2014, 9, e100723.	2.5	15
116	Voxel Based Analysis of Surgical Revascularization for Moyamoya Disease: Pre- and Postoperative SPECT Studies. PLoS ONE, 2016, 11, e0148925.	2.5	15
117	Post-stimulus response in hemodynamics observed by functional magnetic resonance imagingâ€”difference between the primary sensorimotor area and the supplementary motor area. Magnetic Resonance Imaging, 2000, 18, 1215-1219.	1.8	14
118	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
119	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
120	Detection of Time-Varying Structures by Large Deformation Diffeomorphic Metric Mapping to Aid Reading of High-Resolution CT Images of the Lung. PLoS ONE, 2014, 9, e85580.	2.5	14
121	Whole-heart coronary magnetic resonance angiography with parallel imaging: Comparison of acceleration in one-dimension vs. two-dimensions. European Journal of Radiology, 2009, 71, 486-491.	2.6	13
122	Nonâ€“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
123	Fat-Water Interface on Susceptibility-Weighted Imaging and Gradient-Echo Imaging: Comparison of Phantoms to Intracranial Lipomas. American Journal of Roentgenology, 2013, 201, 902-907.	2.2	13
124	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. American Journal of Neuroradiology, 2018, 39, 265-272.	2.4	13
125	Restoration of periventricular vasculature after direct bypass for moyamoya disease: intra-individual comparison. Acta Neurochirurgica, 2019, 161, 947-954.	1.7	13
126	Resting-state Functional Magnetic Resonance Imaging Identifies Cerebrovascular Reactivity Impairment in Patients With Arterial Occlusive Diseases: A Pilot Study. Neurosurgery, 2019, 85, 680-688.	1.1	13

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127	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
128	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
129	Primary central nervous system lymphoma: is absence of intratumoral hemorrhage a characteristic finding on MRI?. Radiology and Oncology, 2015, 49, 128-134.	1.7	12
130	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
131	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
132	BOLD Contrast on a 3 T Magnet: Detectability of the Motor Areas. Journal of Computer Assisted Tomography, 2001, 25, 436-445.	0.9	11
133	Improved Detection of Hepatic Metastases From Pancreatic Cancer Using Periodically Rotated Overlapping Parallel Lines With Enhanced Reconstruction (PROPELLER) Technique After SPIO Administration. Investigative Radiology, 2010, 45, 158-164.	6.2	11
134	Magnetic Resonance Imaging of Vascular Encephalopathy Related to Pregnancy. Neurologia Medico-Chirurgica, 2013, 53, 520-525.	2.2	11
135	Advantages of fluid and white matter suppression (FLAWS) with MP2RAGE compared with double inversion recovery turbo spin echo (DIR-TSE) at 7T. European Journal of Radiology, 2019, 116, 160-164.	2.6	11
136	Evaluation of image quality of pituitary dynamic contrastâ€enhanced MRI using timeâ€resolved angiography with interleaved stochastic trajectories (TWIST) and iterative reconstruction TWIST (ITâ€TWIST). Journal of Magnetic Resonance Imaging, 2020, 51, 1497-1506.	3.4	11
137	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
138	Attentional modulation of parieto-occipital cortical responses: implications for hemispatial neglect. Journal of the Neurological Sciences, 2000, 176, 136-143.	0.6	10
139	Two-Minute Quantitative Susceptibility Mapping From Three-Dimensional Echo-Planar Imaging. Investigative Radiology, 2021, 56, 69-77.	6.2	10
140	Anticholinergic agents result in weaker and shorter suppression of uterine contractility compared with intestinal motion: time course observation with cine MRI. Journal of Magnetic Resonance Imaging, 2013, 38, 1196-1202.	3.4	9
141	T1-weighted MR imaging of glioma at 3T: a comparative study of 3D MPRAGE vs. conventional 2D spin-echo imaging. Clinical Imaging, 2016, 40, 1257-1261.	1.5	9
142	<i>B</i>₁ Power Optimization for Chemical Exchange Saturation Transfer Imaging: A Phantom Study Using Egg White for Amide Proton Transfer Imaging Applications in the Human Brain. Magnetic Resonance in Medical Sciences, 2018, 17, 86-94.	2.0	9
143	3D dynamic pituitary MR imaging with CAIPIRINHA: Initial experience and comparison with 2D dynamic MR imaging. European Journal of Radiology, 2014, 83, 1900-1906.	2.6	8
144	Diffusion tensor imaging of the optic chiasm in patients with intra- or parasellar tumor using readout-segmented echo-planar. Magnetic Resonance Imaging, 2016, 34, 654-661.	1.8	8

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145	Early and late effects of electroconvulsive therapy associated with different temporal lobe structures. Translational Psychiatry, 2020, 10, 344.	4.8	8
146	Strategy for lipid suppression in lactate imaging using STIR-DQCT: A study of hypoxic-ischemic brain injury. Magnetic Resonance in Medicine, 1998, 40, 629-632.	3.0	7
147	Morphological features and length measurements of fetal lateral ventricles at 16â€“25 weeks of gestation by magnetic resonance imaging. Congenital Anomalies (discontinued), 2015, 55, 99-102.	0.6	7
148	Subcutaneous fluid collection: An imaging marker for treatment response of infectious thoracolumbar spondylodiscitis. European Journal of Radiology, 2015, 84, 1306-1312.	2.6	7
149	Uterine peristalsis and junctional zone: correlation with age and postmenopausal status. Acta Radiologica, 2017, 58, 224-231.	1.1	7
150	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. Neuroscience Letters, 2004, 359, 119-123.	2.1	6
151	Longitudinal evaluation of cartilage after osteochondral autogenous transfer with delayed gadoliniumâ€enhanced MRI of the cartilage (dGEMRIC). Journal of Orthopaedic Research, 2012, 30, 221-225.	2.3	6
152	Morphology and morphometry of fetal liver at 16â€“26 weeks of gestation by magnetic resonance imaging: Comparison with embryonic liver at <scp>C</scp>arnegie stage 23. Hepatology Research, 2013, 43, 639-647.	3.4	6
153	Estimation of proliferative potentiality of central neurocytoma: correlational analysis of minimum ADC and maximum SUV with MIB-1 labeling index. Acta Radiologica, 2015, 56, 114-120.	1.1	6
154	Overall safety and efficacy of high-dose and low-dose intravenous glucocorticoid therapy in patients with moderate-to-severe active Graves’ ophthalmopathy. Endocrine Journal, 2016, 63, 703-714.	1.6	6
155	MR imaging of uterine morphology and dynamic changes during lactation. Journal of Magnetic Resonance Imaging, 2017, 45, 617-623.	3.4	6
156	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
157	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
158	Effect of hyoscine butylbromide (HBB) on the uterine corpus: Quantitative assessment with T2â€weighted (T2W) MRI in healthy volunteers. Journal of Magnetic Resonance Imaging, 2010, 32, 441-445.	3.4	5
159	DWI based thermometry: The effects of b-values, resolutions, signal-to-noise ratio, and magnet strength. , 2012, 2012, 2291-3.		5
160	Estimation of the timing of carotid artery flow using peripheral pulse waveâ€gated MRI. Journal of Magnetic Resonance Imaging, 2012, 36, 454-458.	3.4	5
161	Silent fMRI Acquisition Methods for Large Acoustic Noise during Scan. Magnetic Resonance in Medical Sciences, 2003, 2, 181-187.	2.0	5
162	Intracranial contour extraction with active contour models. Journal of Magnetic Resonance Imaging, 1997, 7, 353-360.	3.4	4

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163	Manipulo-Spatial Processing of Ideographic Characters in Left-handers: Observation in fMRI. Magnetic Resonance in Medical Sciences, 2002, 1, 21-26.	2.0	4
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