Osamu Abe

List of Publications by Citations

356 papers	**9,060** citations	**52** h-index	**85** g-index
372 ext. papers	**10,961** ext. citations	**4.1** avg, IF	**6.06** L-index

#	Paper	IF	Citations
356	Normal aging in the central nervous system: quantitative MR diffusion-tensor analysis. *Neurobiology of Aging*, **2002**, 23, 433-41	5.6	377
355	Voxel-based analysis of MRI reveals anterior cingulate gray-matter volume reduction in posttraumatic stress disorder due to terrorism. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 9039-43	11.5	313
354	Common and distinct patterns of grey-matter volume alteration in major depression and bipolar disorder: evidence from voxel-based meta-analysis. *Molecular Psychiatry*, **2017**, 22, 1455-1463	15.1	284
353	MR diffusion tensor imaging: recent advance and new techniques for diffusion tensor visualization. *European Journal of Radiology*, **2003**, 46, 53-66	4.7	277
352	Deep Learning with Convolutional Neural Network for Differentiation of Liver Masses at Dynamic Contrast-enhanced CT: A Preliminary Study. *Radiology*, **2018**, 286, 887-896	20.5	264
351	The optimal trackability threshold of fractional anisotropy for diffusion tensor tractography of the corticospinal tract. *Magnetic Resonance in Medical Sciences*, **2004**, 3, 11-7	2.9	205
350	Aging in the CNS: comparison of gray/white matter volume and diffusion tensor data. *Neurobiology of Aging*, **2008**, 29, 102-16	5.6	188
349	Three-dimensional white matter tractography by diffusion tensor imaging in ischaemic stroke involving the corticospinal tract. *Neuroradiology*, **2003**, 45, 532-5	3.2	169
348	Voxel-based analyses of gray/white matter volume and diffusion tensor data in major depression. *Psychiatry Research - Neuroimaging*, **2010**, 181, 64-70	2.9	154
347	Cognitive status correlates with white matter alteration in Parkinson❾ disease. *Human Brain Mapping*, **2012**, 33, 727-39	5.9	143
346	Effects of age and gender on white matter integrity. *American Journal of Neuroradiology*, **2011**, 32, 2103-9	4.4	137
345	Deep learning with convolutional neural network in radiology. *Japanese Journal of Radiology*, **2018**, 36, 257-272	2.9	136
344	Diffusion abnormalities of the uncinate fasciculus in Alzheimer❾ disease: diffusion tensor tract-specific analysis using a new method to measure the core of the tract. *Neuroradiology*, **2008**, 50, 293-9	3.2	126
343	Association between the oxytocin receptor gene and amygdalar volume in healthy adults. *Biological Psychiatry*, **2010**, 68, 1066-72	7.9	124
342	Mitigation of sociocommunicational deficits of autism through oxytocin-induced recovery of medial prefrontal activity: a randomized trial. *JAMA Psychiatry*, **2014**, 71, 166-75	14.5	123
341	Current and Novel Techniques for Metal Artifact Reduction at CT: Practical Guide for Radiologists. *Radiographics*, **2018**, 38, 450-461	5.4	118
340	Comparison of white matter integrity between autism spectrum disorder subjects and typically developing individuals: a meta-analysis of diffusion tensor imaging tractography studies. *Molecular Autism*, **2013**, 4, 25	6.5	118

339	Localized volume reduction in prefrontal, temporolimbic, and paralimbic regions in schizophrenia: an MRI parcellation study. *Psychiatry Research - Neuroimaging*, **2004**, 131, 195-207	2.9	118
338	Amyotrophic lateral sclerosis: diffusion tensor tractography and voxel-based analysis. *NMR in Biomedicine*, **2004**, 17, 411-6	4.4	118
337	Computational meta-analysis of statistical parametric maps in major depression. *Human Brain Mapping*, **2016**, 37, 1393-404	5.9	117
336	Voxel-based diffusion tensor analysis reveals aberrant anterior cingulum integrity in posttraumatic stress disorder due to terrorism. *Psychiatry Research - Neuroimaging*, **2006**, 146, 231-42	2.9	107
335	Human brain structural change related to acute single exposure to sarin. *Annals of Neurology*, **2007**, 61, 37-46	9.4	104
334	Association Between the Oxytocin Receptor Gene and Amygdalar Volume in Healthy Adults. *Biological Psychiatry*, **2010**, 68, 1066-1072	7.9	104
333	Evaluation of corticospinal tracts in ALS with diffusion tensor MRI and brainstem stimulation. *Neurology*, **2008**, 70, 528-32	6.5	102
332	Smaller amygdala volume and reduced anterior cingulate gray matter density associated with history of post-traumatic stress disorder. *Psychiatry Research - Neuroimaging*, **2009**, 174, 210-6	2.9	100
331	SyMRI of the Brain: Rapid Quantification of Relaxation Rates and Proton Density, With Synthetic MRI, Automatic Brain Segmentation, and Myelin Measurement. *Investigative Radiology*, **2017**, 52, 647-657	10.1	98
330	Gender-common and -specific neuroanatomical basis of human anxiety-related personality traits. *Cerebral Cortex*, **2008**, 18, 46-52	5.1	96
329	Liver Fibrosis: Deep Convolutional Neural Network for Staging by Using Gadoxetic Acid-enhanced Hepatobiliary Phase MR Images. *Radiology*, **2018**, 287, 146-155	20.5	94
328	Gray and white matter asymmetries in healthy individuals aged 21-29 years: a voxel-based morphometry and diffusion tensor imaging study. *Human Brain Mapping*, **2011**, 32, 1762-73	5.9	89
327	Topography of the human corpus callosum using diffusion tensor tractography. *Journal of Computer Assisted Tomography*, **2004**, 28, 533-9	2.2	88
326	Radiation-induced arteritis: thickened wall with prominent enhancement on cranial MR images report of five cases and comparison with 18 cases of Moyamoya disease. *Radiology*, **2002**, 223, 683-8	20.5	80
325	Reduced frontal glutamate + glutamine and N-acetylaspartate levels in patients with chronic schizophrenia but not in those at clinical high risk for psychosis or with first-episode schizophrenia. *Schizophrenia Bulletin*, **2014**, 40, 1128-39	1.3	79
324	Radiological features of IgG4-related disease in the head, neck, and brain. *Neuroradiology*, **2012**, 54, 873-82	3.2	76
323	Oxytocin neurochemical effects in the medial prefrontal cortex underlie recovery of task-specific brain activity in autism: a randomized controlled trial. *Molecular Psychiatry*, **2015**, 20, 447-53	15.1	75
322	Deep neural network-based computer-assisted detection of cerebral aneurysms in MR angiography. *Journal of Magnetic Resonance Imaging*, **2018**, 47, 948-953	5.6	75

321	Deep learning and artificial intelligence in radiology: Current applications and future directions. *PLoS Medicine*, **2018**, 15, e1002707	11.6	74
320	A preliminary diffusional kurtosis imaging study of Parkinson disease: comparison with conventional diffusion tensor imaging. *Neuroradiology*, **2014**, 56, 251-8	3.2	73
319	Neurite orientation dispersion and density imaging in the substantia nigra in idiopathic Parkinson disease. *European Radiology*, **2016**, 26, 2567-77	8	72
318	Diffeomorphic Anatomical Registration Through Exponentiated Lie Algebra provides reduced effect of scanner for cortex volumetry with atlas-based method in healthy subjects. *Neuroradiology*, **2013**, 55, 869-75	3.2	68
317	White matter alteration of the cingulum in Parkinson disease with and without dementia: evaluation by diffusion tensor tract-specific analysis. *American Journal of Neuroradiology*, **2012**, 33, 890-5	4.4	66
316	White matter microstructural alterations across four major psychiatric disorders: mega-analysis study in 2937 individuals. *Molecular Psychiatry*, **2020**, 25, 883-895	15.1	66
315	Quantitative evaluation of the pyramidal tract segmented by diffusion tensor tractography: feasibility study in patients with amyotrophic lateral sclerosis. *Radiation Medicine*, **2005**, 23, 195-9		65
314	Relationship between cognitive impairment and white-matter alteration in Parkinson⊙ disease with dementia: tract-based spatial statistics and tract-specific analysis. *European Radiology*, **2013**, 23, 1946-55	8	64
313	Efficiency of go/no-go task performance implemented in the left hemisphere. *Journal of Neuroscience*, **2012**, 32, 9059-65	6.6	64
312	Diffusional kurtosis imaging of cingulate fibers in Parkinson disease: comparison with conventional diffusion tensor imaging. *Magnetic Resonance Imaging*, **2013**, 31, 1501-6	3.3	62
311	Localized gray matter volume reductions in the pars triangularis of the inferior frontal gyrus in individuals at clinical high-risk for psychosis and first episode for schizophrenia. *Schizophrenia Research*, **2012**, 137, 124-31	3.6	60
310	1H-MR spectroscopy and gray matter volume of the anterior cingulate cortex in schizophrenia. *NeuroReport*, **2002**, 13, 2133-7	1.7	60
309	Reduced gray matter volume of pars opercularis is associated with impaired social communication in high-functioning autism spectrum disorders. *Biological Psychiatry*, **2010**, 68, 1141-7	7.9	58
308	Gray and white matter volumetric and diffusion tensor imaging (DTI) analyses in the early stage of first-episode schizophrenia. *Schizophrenia Research*, **2010**, 116, 196-203	3.6	57
307	Sex-linked neuroanatomical basis of human altruistic cooperativeness. *Cerebral Cortex*, **2008**, 18, 2331-40	9.1	56
306	Myelin Measurement: Comparison Between Simultaneous Tissue Relaxometry, Magnetization Transfer Saturation Index, and Tw/Tw Ratio Methods. *Scientific Reports*, **2018**, 8, 10554	4.9	55
305	Voxel-based analysis of the diffusion tensor. *Neuroradiology*, **2010**, 52, 699-710	3.2	53
304	Tract-specific analysis of white matter integrity disruption in schizophrenia. *Psychiatry Research - Neuroimaging*, **2012**, 201, 136-43	2.9	51

303	Diminished medial prefrontal activity behind autistic social judgments of incongruent information. *PLoS ONE*, **2012**, 7, e39561	3.7	51
302	Structural disruption of the dorsal cingulum bundle is associated with impaired Stroop performance in patients with schizophrenia. *Schizophrenia Research*, **2009**, 114, 119-27	3.6	51
301	Predicting prognosis of resected hepatocellular carcinoma by radiomics analysis with random survival forest. *Diagnostic and Interventional Imaging*, **2018**, 99, 643-651	5.4	50
300	Disrupted integrity of the fornix is associated with impaired memory organization in schizophrenia. *Schizophrenia Research*, **2008**, 103, 52-61	3.6	50
299	Diffusion abnormality in the posterior cingulum and hippocampal volume: correlation with disease progression in Alzheimer⊙ disease. *Magnetic Resonance Imaging*, **2009**, 27, 347-54	3.3	48
298	Linearity, Bias, Intrascanner Repeatability, and Interscanner Reproducibility of Quantitative Multidynamic Multiecho Sequence for Rapid Simultaneous Relaxometry at 3 T: A Validation Study With a Standardized Phantom and Healthy Controls. *Investigative Radiology*, **2019**, 54, 39-47	10.1	46
297	Posterior hypoperfusion in Parkinson⊙ disease with and without dementia measured with arterial spin labeling MRI. *Journal of Magnetic Resonance Imaging*, **2011**, 33, 803-7	5.6	45
296	Abnormal association between reduced magnetic mismatch field to speech sounds and smaller left planum temporale volume in schizophrenia. *NeuroImage*, **2004**, 22, 720-7	7.9	45
295	Diffusion tensor imaging analysis for psychiatric disorders. *Magnetic Resonance in Medical Sciences*, **2013**, 12, 153-9	2.9	43
294	Tract-specific analysis of white matter pathways in healthy subjects: a pilot study using diffusion tensor MRI. *Neuroradiology*, **2009**, 51, 831-40	3.2	43
293	Deep learning for staging liver fibrosis on CT: a pilot study. *European Radiology*, **2018**, 28, 4578-4585	8	40
292	Relationship between a BDNF gene polymorphism and the brain volume in treatment-naive patients with major depressive disorder: A VBM analysis of brain MRI. *Psychiatry Research - Neuroimaging*, **2015**, 233, 120-4	2.9	37
291	Absence of age-related prefrontal NAA change in adults with autism spectrum disorders. *Translational Psychiatry*, **2012**, 2, e178	8.6	36
290	Relationship between interleukin (IL)-6 and brain morphology in drug-na⊠e, first-episode major depressive disorder using surface-based morphometry. *Scientific Reports*, **2018**, 8, 10054	4.9	36
289	Comparison between Glioblastoma and Primary Central Nervous System Lymphoma Using MR Image-based Texture Analysis. *Magnetic Resonance in Medical Sciences*, **2018**, 17, 50-57	2.9	35
288	Group cognitive-behavioral intervention for patients with burning mouth syndrome. *Journal of Oral Science*, **2013**, 55, 17-22	1.5	35
287	Effect of tryptophan hydroxylase-2 gene variants on amygdalar and hippocampal volumes. *Brain Research*, **2010**, 1331, 51-7	3.7	35
286	Cerebral asymmetry in patients with schizophrenia: a voxel-based morphometry (VBM) and diffusion tensor imaging (DTI) study. *Journal of Magnetic Resonance Imaging*, **2010**, 31, 221-6	5.6	35

285	Head Motion and Correction Methods in Resting-state Functional MRI. *Magnetic Resonance in Medical Sciences*, **2016**, 15, 178-86	2.9	35
284	Relationship between the catechol-O-methyl transferase Val108/158Met genotype and brain volume in treatment-naive major depressive disorder: Voxel-based morphometry analysis. *Psychiatry Research - Neuroimaging*, **2015**, 233, 481-7	2.9	34
283	Analysis of White Matter Damage in Patients with Multiple Sclerosis via a Novel In Vivo MR Method for Measuring Myelin, Axons, and G-Ratio. *American Journal of Neuroradiology*, **2017**, 38, 1934-1940	4.4	34
282	MRI findings in posttraumatic stress disorder. *Journal of Magnetic Resonance Imaging*, **2020**, 52, 380-396	5.6	34
281	Diffusion imaging of reversible and irreversible microstructural changes within the corticospinal tract in idiopathic normal pressure hydrocephalus. *NeuroImage: Clinical*, **2017**, 14, 663-671	5.3	32
280	3 Tesla MRI detects accelerated hippocampal volume reduction in postmenopausal women. *Journal of Magnetic Resonance Imaging*, **2011**, 33, 48-53	5.6	32
279	An updated review on pathophysiology and management of burning mouth syndrome with endocrinological, psychological and neuropathic perspectives. *Journal of Oral Rehabilitation*, **2019**, 46, 574-587	3.4	31
278	Relationship between white matter integrity and serum cortisol levels in drug-naive patients with major depressive disorder: diffusion tensor imaging study using tract-based spatial statistics. *British Journal of Psychiatry*, **2016**, 208, 585-90	5.4	31
277	Reduced gray matter volume of Brodmann⊙ Area 45 is associated with severe psychotic symptoms in patients with schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*, **2010**, 260, 465-73	5.1	31
276	White matter alteration in metabolic syndrome: diffusion tensor analysis. *Diabetes Care*, **2013**, 36, 696-700	14.6	30
275	Age-related changes in regional brain volume evaluated by atlas-based method. *Neuroradiology*, **2010**, 52, 865-73	3.2	30
274	Classification of early stage non-small cell lung cancers on computed tomographic images into histological types using radiomic features: interobserver delineation variability analysis. *Radiological Physics and Technology*, **2018**, 11, 27-35	1.7	30
273	Reply to: Neurogenetic Effects of OXTR rs2254298 in the Extended Limbic System of Healthy Caucasian Adults. *Biological Psychiatry*, **2011**, 70, e41-e42	7.9	29
272	Computational analysis of cerebral cortex. *Neuroradiology*, **2010**, 52, 691-8	3.2	29
271	Reduced planum temporale volume and delusional behaviour in patients with schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*, **2007**, 257, 318-24	5.1	28
270	Effects of age and gender on neuroanatomical volumes. *Journal of Magnetic Resonance Imaging*, **2013**, 37, 1072-6	5.6	27
269	Diffusion tensor tract-specific analysis of the uncinate fasciculus in patients with amyotrophic lateral sclerosis. *Neuroradiology*, **2010**, 52, 729-33	3.2	27
268	Sex dimorphism in gray/white matter volume and diffusion tensor during normal aging. *NMR in Biomedicine*, **2010**, 23, 446-58	4.4	27

267	Role of (-)-epigallocatechin gallate in the pharmacokinetic interaction between nadolol and green tea in healthy volunteers. *European Journal of Clinical Pharmacology*, **2018**, 74, 775-783	2.8	26
266	Imaging prediction of nonalcoholic steatohepatitis using computed tomography texture analysis. *European Radiology*, **2018**, 28, 3050-3058	8	26
265	Deep learning to differentiate parkinsonian disorders separately using single midsagittal MR imaging: a proof of concept study. *European Radiology*, **2019**, 29, 6891-6899	8	26
264	Abnormal white matter integrity in the corpus callosum among smokers: tract-based spatial statistics. *PLoS ONE*, **2014**, 9, e87890	3.7	26
263	RELATIONSHIP BETWEEN THE CORTICAL THICKNESS AND SERUM CORTISOL LEVELS IN DRUG-NAÏVE, FIRST-EPISODE PATIENTS WITH MAJOR DEPRESSIVE DISORDER: A SURFACE-BASED MORPHOMETRIC STUDY. *Depression and Anxiety*, **2015**, 32, 702-8	8.4	25
262	Structural and diffusional brain abnormality related to relatively low level alcohol consumption. *NeuroImage*, **2009**, 46, 505-10	7.9	24
261	Efficacy of distortion correction on diffusion imaging: comparison of FSL eddy and eddy_correct using 30 and 60 directions diffusion encoding. *PLoS ONE*, **2014**, 9, e112411	3.7	24
260	Genetic effects on white matter integrity in drug-naive patients with major depressive disorder: a diffusion tensor imaging study of 17 genetic loci associated with depressive symptoms. *Neuropsychiatric Disease and Treatment*, **2019**, 15, 375-383	3.1	24
259	Standardization of imaging features for radiomics analysis. *Journal of Medical Investigation*, **2019**, 66, 35-37	1.2	23
258	Improving recognition of hepatic perivascular epithelioid cell tumor: Case report and literature review. *World Journal of Gastroenterology*, **2015**, 21, 5432-41	5.6	23
257	Altered structural connectivity of pain-related brain network in burning mouth syndrome-investigation by graph analysis of probabilistic tractography. *Neuroradiology*, **2017**, 59, 525-532	3.2	22
256	Oxytocin receptor gene variations predict neural and behavioral response to oxytocin in autism. *Social Cognitive and Affective Neuroscience*, **2017**, 12, 496-506	4	22
255	Three-dimensional high-resolution simultaneous quantitative mapping of the whole brain with 3D-QALAS: An accuracy and repeatability study. *Magnetic Resonance Imaging*, **2019**, 63, 235-243	3.3	21
254	Relationship between white matter integrity and serum inflammatory cytokine levels in drug-naive patients with major depressive disorder: diffusion tensor imaging study using tract-based spatial statistics. *Translational Psychiatry*, **2018**, 8, 141	8.6	21
253	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	2.9	21
252	Spatial and Temporal Brain Responses to Noxious Heat Thermal Stimuli in Burning Mouth Syndrome. *Journal of Dental Research*, **2016**, 95, 1138-46	8.1	20
251	Neural correlate of autistic-like traits and a common allele in the oxytocin receptor gene. *Social Cognitive and Affective Neuroscience*, **2014**, 9, 1443-50	4	20
250	Local signal time-series during rest used for areal boundary mapping in individual human brains. *PLoS ONE*, **2012**, 7, e36496	3.7	20

249	Pain intensity and psychosocial characteristics of patients with burning mouth syndrome and trigeminal neuralgia. *Journal of Oral Science*, **2012**, 54, 321-7	1.5	20
248	MR imaging of postischemic neuronal death in the substantia nigra and thalamus following middle cerebral artery occlusion in rats. *NMR in Biomedicine*, **2003**, 16, 152-9	4.4	20
247	A primitive study on unsupervised anomaly detection with an autoencoder in emergency head CT volumes **2018**,		20
246	Machine-learning classification using neuroimaging data in schizophrenia, autism, ultra-high risk and first-episode psychosis. *Translational Psychiatry*, **2020**, 10, 278	8.6	20
245	Deep Learning Approach for Generating MRA Images From 3D Quantitative Synthetic MRI Without Additional Scans. *Investigative Radiology*, **2020**, 55, 249-256	10.1	19
244	Network structure underlying resolution of conflicting non-verbal and verbal social information. *Social Cognitive and Affective Neuroscience*, **2014**, 9, 767-75	4	19
243	Improved volumetric measurement of brain structure with a distortion correction procedure using an ADNI phantom. *Medical Physics*, **2013**, 40, 062303	4.4	19
242	MR imaging of ischemic penumbra. *European Journal of Radiology*, **2003**, 46, 67-78	4.7	19
241	Prediction of bone mineral density from computed tomography: application of deep learning with a convolutional neural network. *European Radiology*, **2020**, 30, 3549-3557	8	18
240	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, 617-22	3.2	18
239	Aging effects on cerebral asymmetry: a voxel-based morphometry and diffusion tensor imaging study. *Magnetic Resonance Imaging*, **2010**, 28, 65-9	3.3	18
238	Effects of gradient non-linearity correction and intensity non-uniformity correction in longitudinal studies using structural image evaluation using normalization of atrophy (SIENA). *Journal of Magnetic Resonance Imaging*, **2010**, 32, 489-92	5.6	18
237	Predicting postoperative outcomes of liver resection by magnetic resonance elastography. *Surgery*, **2017**, 162, 248-255	3.6	17
236	Relationship between the hippocampal shape abnormality and serum cortisol levels in first-episode and drug-naïve major depressive disorder patients. *Depression and Anxiety*, **2017**, 34, 401-409	8.4	16
235	Effects of pure and hybrid iterative reconstruction algorithms on high-resolution computed tomography in the evaluation of interstitial lung disease. *European Journal of Radiology*, **2017**, 93, 243-251	4.7	16
234	White Matter Abnormalities in Multiple Sclerosis Evaluated by Quantitative Synthetic MRI, Diffusion Tensor Imaging, and Neurite Orientation Dispersion and Density Imaging. *American Journal of Neuroradiology*, **2019**, 40, 1642-1648	4.4	16
233	Cortical thickness, gray matter volume, and white matter anisotropy and diffusivity in schizophrenia. *Neuroradiology*, **2011**, 53, 859-66	3.2	16
232	Differential temporo-parietal cortical networks that support relational and item-based recency judgments. *NeuroImage*, **2010**, 49, 3474-80	7.9	16

231	Neurochemical evidence for differential effects of acute and repeated oxytocin administration. *Molecular Psychiatry*, **2021**, 26, 710-720	15.1	16
230	An fMRI study of visual lexical decision in patients with schizophrenia and clinical high-risk individuals. *Schizophrenia Research*, **2014**, 157, 218-24	3.6	15
229	COMT Val158Met, but not BDNF Val66Met, is associated with white matter abnormalities of the temporal lobe in patients with first-episode, treatment-naïve major depressive disorder: a diffusion tensor imaging study. *Neuropsychiatric Disease and Treatment*, **2014**, 10, 1183-90	3.1	15
228	Granular cell tumor of the neurohypophysis with optic tract edema. *Japanese Journal of Radiology*, **2014**, 32, 179-82	2.9	15
227	Influence of signal intensity non-uniformity on brain volumetry using an atlas-based method. *Korean Journal of Radiology*, **2012**, 13, 391-402	6.9	15
226	Electrophysiological characteristics of idiopathic ventricular tachycardia in children. *Circulation Journal*, **2011**, 75, 672-6	2.9	15
225	Effects of image distortion correction on voxel-based morphometry. *Magnetic Resonance in Medical Sciences*, **2012**, 11, 27-34	2.9	15
224	Voxel-based morphometric brain comparison between healthy subjects and major depressive disorder patients in Japanese with the s/s genotype of 5-HTTLPR. *Scientific Reports*, **2017**, 7, 3931	4.9	14
223	High signal intensity in the dural sinuses on 3D-TOF MR angiography at 3.0 T. *Clinical Imaging*, **2010**, 34, 332-6	2.7	14
222	Relationship between G1287A of the NET Gene Polymorphisms and Brain Volume in Major Depressive Disorder: A Voxel-Based MRI Study. *PLoS ONE*, **2016**, 11, e0150712	3.7	14
221	Comparison of Chest CT Grading Systems in Coronavirus Disease 2019 (COVID-19) Pneumonia. *Radiology: Cardiothoracic Imaging*, **2020**, 2, e200492	8.3	13
220	PEG-poly(L-lysine)-based polymeric micelle MRI contrast agent: Feasibility study of a Gd-micelle contrast agent for MR lymphography. *Journal of Magnetic Resonance Imaging*, **2018**, 47, 238-245	5.6	13
219	Flattening filter-free technique in volumetric modulated arc therapy for lung stereotactic body radiotherapy: A clinical comparison with the flattening filter technique. *Oncology Letters*, **2018**, 15, 3928-3936	2.6	13
218	The impact of elevated C-reactive protein level on the prognosis for oro-hypopharynx cancer patients treated with radiotherapy. *Scientific Reports*, **2017**, 7, 17805	4.9	13
217	Natural history of asymptomatic bile duct stones and association of endoscopic treatment with clinical outcomes. *Journal of Gastroenterology*, **2020**, 55, 78-85	6.9	13
216	Radiotherapy alone and with concurrent chemotherapy for nasopharyngeal carcinoma: A retrospective study. *Medicine (United States)*, **2018**, 97, e0502	1.8	12
215	The pseudo-SAH sign: an imaging pitfall in postmortem computed tomography. *International Journal of Legal Medicine*, **2017**, 131, 1647-1653	3.1	12
214	Pediatric 320-row cardiac computed tomography using electrocardiogram-gated model-based full iterative reconstruction. *Pediatric Radiology*, **2017**, 47, 1463-1470	2.8	12

213	Changes in cerebro-cerebellar interaction during response inhibition after performance improvement. *NeuroImage*, **2014**, 99, 142-8	7.9	12
212	Survival comparison between radical surgery and definitive chemoradiation in 267 esophageal squamous cell carcinomas in a single institution: A propensity-matched study. *PLoS ONE*, **2017**, 12, e0177133	2.7	12
211	Diffusional kurtosis imaging and white matter microstructure modeling in a clinical study of major depressive disorder. *NMR in Biomedicine*, **2018**, 31, e3938	4.4	12
210	A Novel Deep Learning Approach with a 3D Convolutional Ladder Network for Differential Diagnosis of Idiopathic Normal Pressure Hydrocephalus and Alzheimer Disease. *Magnetic Resonance in Medical Sciences*, **2020**, 19, 351-358	2.9	11
209	Association between iron content and gray matter missegmentation with voxel-based morphometry in basal ganglia. *Journal of Magnetic Resonance Imaging*, **2013**, 38, 958-62	5.6	11
208	Brain structural connectivity and neuroticism in healthy adults. *Scientific Reports*, **2018**, 8, 16491	4.9	11
207	Depressive symptoms in Parkinson disease are related to decreased left hippocampal volume: correlation with the 15-item shortened version of the Geriatric Depression Scale. *Acta Radiologica*, **2018**, 59, 341-345	2	10
206	Single-energy metal artifact reduction technique for reducing metallic coil artifacts on post-interventional cerebral CT and CT angiography. *Neuroradiology*, **2018**, 60, 1141-1150	3.2	10
205	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	2.2	10
204	Association between mitochondrial DNA 10398A>G polymorphism and the volume of amygdala. *Genes, Brain and Behavior*, **2008**, 7, 698-704	3.6	10
203	Periodically rotated overlapping parallel lines with enhanced reconstruction-based diffusion tensor imaging. Comparison with echo planar imaging-based diffusion tensor imaging. *Journal of Computer Assisted Tomography*, **2004**, 28, 654-60	2.2	10
202	Neuroanatomy in monozygotic twins with Asperger disorder discordant for comorbid depression. *Neurology*, **2005**, 65, 491-2	6.5	10
201	Comparison of full-iodine conventional CT and half-iodine virtual monochromatic imaging: advantages and disadvantages. *European Radiology*, **2019**, 29, 1400-1407	8	10
200	Choroid plexus cysts analyzed using diffusion-weighted imaging with short diffusion-time. *Magnetic Resonance Imaging*, **2019**, 57, 323-327	3.3	10
199	Arteritis after administration of granulocyte colony-stimulating factor: a case series. *International Journal of Hematology*, **2019**, 110, 370-374	2.3	9
198	Promoter Activity-Based Case-Control Association Study on SLC6A4 Highlighting Hypermethylation and Altered Amygdala Volume in Male Patients With Schizophrenia. *Schizophrenia Bulletin*, **2020**, 46, 1577-1586	1.3	9
197	Pilot study of eruption forecasting with muography using convolutional neural network. *Scientific Reports*, **2020**, 10, 5272	4.9	9
196	Quantitative computed tomography texture analyses for anterior mediastinal masses: Differentiation between solid masses and cysts. *European Journal of Radiology*, **2018**, 100, 85-91	4.7	9

195	Natural history of nonenhancing lesions incidentally detected during the diagnosis of hepatocellular carcinoma. *Surgery*, **2016**, 160, 654-60	3.6	9
194	Role of delayed-time-point imaging during abdominal and pelvic cancer screening using FDG-PET/CT in the general population. *Medicine (United States)*, **2017**, 96, e8832	1.8	9
193	Anterior cingulate abnormality as a neural correlate of mismatch negativity in schizophrenia. *Neuropsychobiology*, **2013**, 68, 197-204	4	9
192	A dural arteriovenous fistula fed entirely by the lateral sacral artery. *Neuroradiology*, **1996**, 38, 618-20	3.2	9
191	Repeatability of Brain Volume Measurements Made with the Atlas-based Method from T-weighted Images Acquired Using a 0.4 Tesla Low Field MR Scanner. *Magnetic Resonance in Medical Sciences*, **2016**, 15, 365-370	2.9	9
190	MRI Findings of Immune Checkpoint Inhibitor-Induced Hypophysitis: Possible Association with Fibrosis. *American Journal of Neuroradiology*, **2020**, 41, 1683-1689	4.4	9
189	Utility of real-time prospective motion correction (PROMO) on 3D T1-weighted imaging in automated brain structure measurements. *Scientific Reports*, **2016**, 6, 38366	4.9	9
188	Combining Segmented Grey and White Matter Images Improves Voxel-based Morphometry for the Case of Dilated Lateral Ventricles. *Magnetic Resonance in Medical Sciences*, **2018**, 17, 293-300	2.9	9
187	An independent component analysis reveals brain structural networks related to TNF-α in drug-naïve, first-episode major depressive disorder: a source-based morphometric study. *Translational Psychiatry*, **2020**, 10, 187	8.6	8
186	Comparison of volumetric-modulated arc therapy using simultaneous integrated boosts (SIB-VMAT) of 45 Gy/55 Gy in 25 fractions with conventional radiotherapy in preoperative chemoradiation for rectal cancers: a propensity score case-matched analysis. *Radiation Oncology*, **2017**, 12, 156	4.2	8
185	Neuroanatomical Correlates of Advanced Paternal and Maternal Age at Birth in Autism Spectrum Disorder. *Cerebral Cortex*, **2019**, 29, 2524-2532	5.1	8
184	Accelerated hippocampal volume reduction in post-menopausal women: an additional study with Atlas-based method. *Radiological Physics and Technology*, **2011**, 4, 185-8	1.7	8
183	Effects of medroxyprogesterone acetate therapy on advanced or recurrent breast cancer and its influences on blood coagulation and the fibrinolytic system. *Surgery Today*, **1995**, 25, 701-10	3	8
182	Clinical efficacy of haematopoietic stem cell transplantation for adult adrenoleukodystrophy. *Brain Communications*, **2020**, 2, fcz048	4.5	8
181	Changes in the ADC of diffusion-weighted MRI with the oscillating gradient spin-echo (OGSE) sequence due to differences in substrate viscosities. *Japanese Journal of Radiology*, **2018**, 36, 415-420	2.9	7
180	Differences in Functional Connectivity Networks Related to the Midbrain Dopaminergic System-Related Area in Various Psychiatric Disorders. *Schizophrenia Bulletin*, **2020**,	1.3	7
179	Arterial Transit Time-Based Multidelay Combination Strategy Improves Arterial Spin Labeling Cerebral Blood Flow Measurement Accuracy in Severe Steno-Occlusive Diseases. *Journal of Magnetic Resonance Imaging*, **2021**,	5.6	7
178	Effect of Gadolinium on the Estimation of Myelin and Brain Tissue Volumes Based on Quantitative Synthetic MRI. *American Journal of Neuroradiology*, **2019**, 40, 231-237	4.4	7

177	Four-dimensional fully convolutional residual network-based liver segmentation in Gd-EOB-DTPA-enhanced MRI. *International Journal of Computer Assisted Radiology and Surgery*, **2019**, 14, 1259-1266	3.9	6
176	Differentiation of high-grade and low-grade intra-axial brain tumors by time-dependent diffusion MRI. *Magnetic Resonance Imaging*, **2020**, 72, 34-41	3.3	6
175	Development of training environment for deep learning with medical images on supercomputer system based on asynchronous parallel Bayesian optimization. *Journal of Supercomputing*, **2020**, 76, 7315-7332	2.5	6
174	Paternal age contribution to brain white matter aberrations in autism spectrum disorder. *Psychiatry and Clinical Neurosciences*, **2019**, 73, 649-659	6.2	6
173	Effect of dalteparin, a low-molecular-weight heparin, as adjunctive therapy in patients with Kawasaki disease: a retrospective study. *BMC Pediatrics*, **2014**, 14, 27	2.6	6
172	Myelosuppression toxicity of palliative splenic irradiation in myelofibrosis and malignant lymphoma. *Hematology*, **2015**, 20, 203-7	2.2	6
171	Plasma levels of 3-methoxy-4-hydroxyphenylglycol are associated with microstructural changes within the cerebellum in the early stage of first-episode schizophrenia: a longitudinal VBM study. *Neuropsychiatric Disease and Treatment*, **2014**, 10, 2315-23	3.1	6
170	Dissociable temporo-parietal memory networks revealed by functional connectivity during episodic retrieval. *PLoS ONE*, **2013**, 8, e71210	3.7	6
169	Imaging of Posttraumatic Stress Disorder. *Neuroimaging Clinics of North America*, **2020**, 30, 115-123	3	6
168	Correlations between dopamine transporter density measured by I-FP-CIT SPECT and regional gray matter volume in Parkinson's disease. *Japanese Journal of Radiology*, **2017**, 35, 755-759	2.9	5
167	Effects of single green tea ingestion on pharmacokinetics of nadolol in healthy volunteers. *British Journal of Clinical Pharmacology*, **2020**, 86, 2314-2318	3.8	5
166	Gadoxetate disodium-induced tachypnoea and the effect of dilution method: a proof-of-concept study in mice. *European Radiology*, **2018**, 28, 692-697	8	5
165	Computed tomography findings of early-stage TAFRO syndrome and associated adrenal abnormalities. *European Radiology*, **2020**, 30, 5588-5598	8	5
164	Differentiation between ovarian metastasis from colorectal carcinoma and primary ovarian carcinoma: Evaluation of tumour markers and "mille-feuille sign" on computed tomography/magnetic resonance imaging. *European Journal of Radiology*, **2020**, 124, 108823	4.7	5
163	Brain structural network alterations related to serum cortisol levels in drug-naïve, first-episode major depressive disorder patients: a source-based morphometric study. *Scientific Reports*, **2020**, 10, 22096	4.9	5
162	Automatic detection of brain metastases on contrast-enhanced CT with deep-learning feature-fused single-shot detectors. *European Journal of Radiology*, **2021**, 136, 109577	4.7	5
161	Evaluation of the depiction ability of the microanatomy of the temporal bone in quarter-detector CT: Model-based iterative reconstruction vs hybrid iterative reconstruction. *Medicine (United States)*, **2019**, 98, e15991	1.8	5
160	Integrated multi-echo denoising strategy improves identification of inherent language laterality. *Magnetic Resonance in Medicine*, **2019**, 81, 3262-3271	4.4	5

159	Utility of real-time prospective motion correction (PROMO) for segmentation of cerebral cortex on 3D T1-weighted imaging: Voxel-based morphometry analysis for uncooperative patients. *European Radiology*, **2017**, 27, 3554-3562	8	4
158	Mis-segmentation in voxel-based morphometry due to a signal intensity change in the putamen. *Radiological Physics and Technology*, **2017**, 10, 515-524	1.7	4
157	A case of kaposiform hemangioendothelioma at the sigmoid colon. *Japanese Journal of Radiology*, **2015**, 33, 494-8	2.9	4
156	Pulmonary postmortem computed tomography of bacterial pneumonia and pulmonary edema in patients following non-traumatic in-hospital death. *Legal Medicine*, **2020**, 45, 101716	1.9	4
155	Repeatability of measured brain volume by atlas-based method using T1-weighted image. *Journal of Digital Imaging*, **2012**, 25, 173-8	5.3	4
154	Successful Pregnancy and Delivery After Radiation With Ovarian Shielding for Acute Lymphocytic Leukemia Before Menarche. *Journal of Pediatric Hematology/Oncology*, **2015**, 37, e292-4	1.2	4
153	Genetic Variation in the Catechol-O-Methyl Transferase Val108/158Met Is Linked to the Caudate and Posterior Cingulate Cortex Volume in Healthy Subjects: Voxel-Based Morphometry Analysis of Brain Magnetic Resonance Imaging. *PLoS ONE*, **2015**, 10, e0142862	3.7	4
152	The role of chest imaging in the diagnosis, management, and monitoring of coronavirus disease 2019 (COVID-19). *Insights Into Imaging*, **2021**, 12, 155	5.6	4
151	A pitfall of the volume rendering method with 3D time-of-flight MRA: a case of a branching vessel at the aneurysm neck. *Magnetic Resonance in Medical Sciences*, **2013**, 12, 53-6	2.9	4
150	Salvage stereotactic body radiotherapy for post-operative oligo-recurrence of non-small cell lung cancer: A single-institution analysis of 59 patients. *Oncology Letters*, **2020**, 19, 2695-2704	2.6	4
149	Origin of the Time Lag Phenomenon and the Global Signal in Resting-State fMRI. *Frontiers in Neuroscience*, **2020**, 14, 596084	5.1	4
148	Diagnostic prediction of COVID-19 based on clinical and radiological findings in a relatively low COVID-19 prevalence area. *Respiratory Investigation*, **2021**, 59, 446-453	3.4	4
147	Can the spherical gold standards be used as an alternative to painted gold standards for the computerized detection of lesions using voxel-based classification?. *Japanese Journal of Radiology*, **2019**, 37, 264-273	2.9	4
146	Signal Intensity within Cerebral Venous Sinuses on Synthetic MRI. *Magnetic Resonance in Medical Sciences*, **2020**, 19, 56-63	2.9	4
145	Parkinson@ disease: deep learning with a parameter-weighted structural connectome matrix for diagnosis and neural circuit disorder investigation. *Neuroradiology*, **2021**, 63, 1451-1462	3.2	4
144	Reliability of Changes in Brain Volume Determined by Longitudinal Voxel-Based Morphometry. *Journal of Magnetic Resonance Imaging*, **2021**, 54, 609-616	5.6	4
143	Stereotactic body radiotherapy for centrally-located lung tumors with 56 Gy in seven fractions: A retrospective study. *Oncology Letters*, **2018**, 16, 4498-4506	2.6	4
142	Involved-field irradiation concurrently combined with nedaplatin/5-fluorouracil for inoperable esophageal cancer on basis of 18FDG-PET scans: A long follow-up results of phase II study. *Radiotherapy and Oncology*, **2017**, 123, 488	5.3	3

141	HoTPiG: a novel graph-based 3-D image feature set and its applications to computer-assisted detection of cerebral aneurysms and lung nodules. *International Journal of Computer Assisted Radiology and Surgery*, **2019**, 14, 2095-2107	3.9	3
140	Longitudinal gray-matter volume change in the default-mode network: utility of volume standardized with global gray-matter volume for Alzheimer☉ disease: a preliminary study. *Radiological Physics and Technology*, **2015**, 8, 64-72	1.7	3
139	A perspective from experimental studies of burning mouth syndrome. *Journal of Oral Science*, **2020**, 62, 165-169	1.5	3
138	Novel platform for development, training, and validation of computer-assisted detection/diagnosis software. *International Journal of Computer Assisted Radiology and Surgery*, **2020**, 15, 661-672	3.9	3
137	The Effect of Single-Scan and Scan-Pair Intensity Inhomogeneity Correction Methods on Repeatability of Voxel-Based Morphometry With Multiple Magnetic Resonance Scanners. *Journal of Computer Assisted Tomography*, **2018**, 42, 111-116	2.2	3
136	Radiation therapy for primary breast lymphoma in male gynecomastia: a rare case report and review of the literature. *International Journal of Hematology*, **2016**, 104, 519-24	2.3	3
135	Volumetric and dosimetric comparison of organs at risk between the prone and supine positions in postoperative radiotherapy for prostate cancer. *Radiation Oncology*, **2018**, 13, 70	4.2	3
134	Factors associated with the size of the adhesio interthalamica based on 3.0-T magnetic resonance images. *Acta Radiologica*, **2019**, 60, 113-119	2	3
133	Radiation dose reduction with frame rate conversion in X-ray fluoroscopic imaging systems with flat panel detector: basic study and clinical retrospective analysis. *European Radiology*, **2019**, 29, 985-992	8	3
132	Double-Balloon-Assisted N-Butyl-2-Cyanoacrylate Embolization of Nontumorous Intrahepatic Arterioportal Shunts. *Journal of Vascular and Interventional Radiology*, **2019**, 30, 1210-1214.e2	2.4	3
131	Database of normal Japanese gray matter volumes in the default mode network. *Journal of Magnetic Resonance Imaging*, **2014**, 39, 132-42	5.6	3
130	Depiction of branch vessels arising from intracranial aneurysm sacs: Time-of-flight MR angiography versus CT angiography. *Clinical Neurology and Neurosurgery*, **2014**, 126, 177-84	2	3
129	Influence of parameter settings in voxel-based morphometry 8. Using DARTEL and region-of-interest on reproducibility in gray matter volumetry. *Methods of Information in Medicine*, **2015**, 54, 171-8	1.5	3
128	Quantitative evaluation of coronary artery wall echogenicity by integrated backscatter analysis in Kawasaki disease. *Journal of the American Society of Echocardiography*, **2010**, 23, 938-42	5.8	3
127	Diagnostic Ability of Fluid-Attenuated Inversion Recovery MR Imaging to Detect Remnant or Recurrent Meningiomas after Resection. *Neuroradiology Journal*, **2012**, 25, 163-71	2	3
126	A case of adult-onset type II citrullinemia with comorbid epilepsy even after liver transplantation. *Epilepsia*, **2010**, 51, 2484-7	6.4	3
125	Accelerated Isotropic Multiparametric Imaging by High Spatial Resolution 3D-QALAS With Compressed Sensing: A Phantom, Volunteer, and Patient Study. *Investigative Radiology*, **2021**, 56, 292-300	10.1	3
124	Application of CT texture analysis to assess the localization of primary aldosteronism. *Scientific Reports*, **2020**, 10, 472	4.9	3

123	Discriminating chorea-acanthocytosis from Huntington's disease with single-case voxel-based morphometry analysis. *Journal of the Neurological Sciences*, **2020**, 408, 116545	3.2	3
122	Evaluation of peripheral bronchiole visualization using model-based iterative reconstruction in quarter-detector computed tomography. *PLoS ONE*, **2020**, 15, e0239459	3.7	3
121	Patient with penile metastasis from prostate cancer and survival over 5 years: A case report with longitudinal evaluation using computed tomography and magnetic resonance imaging. *Radiology Case Reports*, **2021**, 16, 1255-1258	1	3
120	Utility of hepatic vein waveform and transient elastography in patients with Budd-Chiari syndrome who require angioplasty: Two case reports. *Medicine (United States)*, **2019**, 98, e17877	1.8	3
119	Repeatability and reproducibility of human brain morphometry using three-dimensional magnetic resonance fingerprinting. *Human Brain Mapping*, **2021**, 42, 275-285	5.9	3
118	Recognizing Radiation-induced Changes in the Central Nervous System: Where to Look and What to Look For. *Radiographics*, **2021**, 41, 224-248	5.4	3
117	Reproducibility of Brain Volume Changes in Longitudinal Voxel-Based Morphometry Between Non-Accelerated and Accelerated Magnetic Resonance Imaging. *Journal of Alzheimer's Disease*, **2021**, 83, 281-290	4.3	3
116	3D Quantitative Synthetic MRI in the Evaluation of Multiple Sclerosis Lesions. *American Journal of Neuroradiology*, **2021**, 42, 471-478	4.4	3
115	Robot-assisted radical prostatectomy versus volumetric modulated arc therapy: Comparison of front-line therapies for localized prostate cancer. *Radiotherapy and Oncology*, **2019**, 140, 62-67	5.3	2
114	Patient outcomes of monotherapy with hypofractionated three-dimensional conformal radiation therapy for stage T2 or T3 non-small cell lung cancer: a retrospective study. *Radiation Oncology*, **2016**, 11, 3	4.2	2
113	Comparison of Motion Artifacts on CT Images Obtained in the Ultrafast Scan Mode and Conventional Scan Mode for Unconscious Patients in the Emergency Department. *American Journal of Roentgenology*, **2019**, 213, W153-W161	5.4	2
112	Forward-projected Model-based Iterative Reconstruction SoluTion in Temporal Bone Computed Tomography: A Comparison Study of All Reconstruction Modes. *Journal of Computer Assisted Tomography*, **2021**, 45, 308-314	2.2	2
111	Reliability and Sensitivity to Longitudinal CBF Changes in Steno-Occlusive Diseases: ASL Versus I-IMP-SPECT. *Journal of Magnetic Resonance Imaging*, **2021**,	5.6	2
110	Cross-scanner reproducibility and harmonization of a diffusion MRI structural brain network: A traveling subject study of multi-b acquisition. *NeuroImage*, **2021**, 245, 118675	7.9	2
109	Linear accelerator-based stereotactic body radiation therapy in the treatment of oligometastatic disease. *Molecular and Clinical Oncology*, **2020**, 13, 109-114	1.6	2
108	Stereotactic body radiotherapy (SBRT) for oligo-metastatic liver metastases from breast cancer, as an effective and safe alternative to surgery: a review.. *Translational Cancer Research*, **2020**, 9, 5087-5095	0.3	2
107	Deep-learning single-shot detector for automatic detection of brain metastases with the combined use of contrast-enhanced and non-enhanced computed tomography images. *European Journal of Radiology*, **2021**, 144, 110015	4.7	2
106	Triple-balloon-assisted -butyl-2-cyanoacrylate embolization of a cirsoid renal arteriovenous malformation. *Vasa - European Journal of Vascular Medicine*, **2020**, 49, 147-150	1.9	2

105	Effect of changing the analyzed image contrast on the accuracy of intracranial volume extraction using Brain Extraction Tool 2. *Radiological Physics and Technology*, **2020**, 13, 76-82	1.7	2
104	MRI Findings of Liver Parenchyma Peripheral to Colorectal Liver Metastasis: A Potential Predictor of Long-term Prognosis. *Radiology*, **2020**, 297, 584-594	20.5	2
103	Rib fracture detection in computed tomography images using deep convolutional neural networks. *Medicine (United States)*, **2021**, 100, e26024	1.8	2
102	Automated detection of brain metastases on non-enhanced CT using single-shot detectors. *Neuroradiology*, **2021**, 63, 1995-2004	3.2	2
101	Surgically Cured, Relapsed Pneumococcal Meningitis Due to Bone Defects, Non-invasively Identified by Three-dimensional Multi-detector Computed Tomography. *Internal Medicine*, **2016**, 55, 3665-3669	1.1	2
100	Global vs. Network-Specific Regulations as the Source of Intrinsic Coactivations in Resting-State Networks. *Frontiers in Systems Neuroscience*, **2019**, 13, 65	3.5	2
99	Impact of Green Tea Catechin Ingestion on the Pharmacokinetics of Lisinopril in Healthy Volunteers. *Clinical and Translational Science*, **2021**, 14, 476-480	4.9	2
98	Feature-fusion improves MRI single-shot deep learning detection of small brain metastases. *Journal of Neuroimaging*, **2021**,	2.8	2
97	Automatic detection of actionable radiology reports using bidirectional encoder representations from transformers. *BMC Medical Informatics and Decision Making*, **2021**, 21, 262	3.6	2
96	Incidence and computed tomography findings of lenvatinib-induced pancreatobiliary inflammation: A single-center, retrospective study. *Medicine (United States)*, **2021**, 100, e27182	1.8	2
95	Adverse effects of metallic artifacts on voxel-wise analysis and tract-based spatial statistics in diffusion tensor imaging. *Acta Radiologica*, **2017**, 58, 211-217	2	1
94	Aberrant attentive and inattentive brain activity to auditory negative words, and its relation to persecutory delusion in patients with schizophrenia. *Neuropsychiatric Disease and Treatment*, **2019**, 15, 491-502	3.1	1
93	Association between chronic asymptomatic pancreatic hyperenzymemia and pancreatic ductal anomalies: a magnetic resonance cholangiopancreatography study. *Abdominal Radiology*, **2019**, 44, 2494-2500	3	1
92	Accelerated acquisition of carotid MR angiography using 3D gradient-echo imaging with two-point Dixon. *Neuroradiology*, **2020**, 62, 1345-1349	3.2	1
91	Bilateral pre- and postcentral gyrus volume positively correlates with T2-SNR of putamen in healthy adults. *Neuroradiology*, **2013**, 55, 245-50	3.2	1
90	Maxillary sinus hemangioma: usefulness of embolization according to classification. *Brazilian Journal of Otorhinolaryngology*, **2017**, 83, 490-493	1.6	1
89	Anomaly detection in chest F-FDG PET/CT by Bayesian deep learning.. *Japanese Journal of Radiology*, **2022**, 1	2.9	1
88	The effect of a post-scan processing denoising system on image quality and morphometric analysis. *Journal of Neuroradiology*, **2021**,	3.1	1

87	Breath-hold 3D magnetic resonance cholangiopancreatography at 1.5 T using a deep learning-based noise-reduction approach: Comparison with the conventional respiratory-triggered technique. *European Journal of Radiology*, **2021**, 144, 109994	4.7	1
86	Estimation of intracranial volume: A comparative study between synthetic MRI and FSL-brain extraction tool (BET)2. *Journal of Clinical Neuroscience*, **2020**, 79, 178-182	2.2	1
85	Retrospective dose reconstruction of prostate stereotactic body radiotherapy using cone-beam CT and a log file during VMAT delivery with flattening-filter-free mode. *Radiological Physics and Technology*, **2020**, 13, 238-248	1.7	1
84	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	3.3	1
83	Performance changes due to differences in training data for cerebral aneurysm detection in head MR angiography images. *Japanese Journal of Radiology*, **2021**, 39, 1039-1048	2.9	1
82	Volumetric differences in gray and white matter of cerebellar Crus I/II across the different clinical stages of schizophrenia. *Psychiatry and Clinical Neurosciences*, **2021**, 75, 256-264	6.2	1
81	Detection of lesions depends on the DARTEL template used in group comparisons with voxel-based morphometry. *Acta Radiologica*, **2020**, 61, 236-243	2	1
80	Acceptable fetal dose using flattening filter-free volumetric arc therapy (FFF VMAT) in postoperative chemoradiotherapy of tongue cancer during pregnancy. *Clinical and Translational Radiation Oncology*, **2020**, 20, 9-12	4.6	1
79	Differences in fractional anisotropy between the patients with schizophrenia and healthy comparison subjects. *Molecular Psychiatry*, **2020**, 25, 697-698	15.1	1
78	Prospective Study of Spatial Distribution of Missed Lung Nodules by Readers in CT Lung Screening Using Computer-assisted Detection. *Academic Radiology*, **2021**, 28, 647-654	4.3	1
77	Influence of Mild White Matter Lesions on Voxel-based Morphometry. *Magnetic Resonance in Medical Sciences*, **2021**, 20, 40-46	2.9	1
76	Imatinib-induced pancreatic hypertrophy in patients with gastrointestinal stromal tumor: Association with overall survival. *Pancreatology*, **2021**, 21, 246-252	3.8	1
75	Neurocognitive Deficits Mediate the Relationship Between Structural Abnormalities and Clinical Outcomes in Individuals With Ultrahigh Risk for Psychosis: A Multimodal Neuroimaging and Longitudinal Neurocognitive Study. *Schizophrenia Bulletin Open*, **2021**, 2,	2.2	1
74	Therapeutic effect of portal vein stenting for portal vein stenosis after upper-abdominal surgery. *Hpb*, **2021**, 23, 238-244	3.8	1
73	Measurement of Vascular Diameter in Computed Tomography Angiography With Reduced Iodine Load: Comparison of Virtual Monochromatic Imaging in Dual-Energy Computed Tomography and Conventional Polychromatic Scan In Vitro. *Journal of Computer Assisted Tomography*, **2018**, 42, 919-924	2.2	1
72	Standardized reporting systems of chest computed tomography in a population with low coronavirus disease 2019 prevalence: A retrospective comparative study. *Heliyon*, **2021**, 7, e07743	3.6	1
71	Effects of Gadolinium Deposition in the Brain on Motor or Behavioral Function: A Mouse Model. *Radiology*, **2021**, 301, 409-416	20.5	1
70	Texture Analysis in Brain Tumor MR Imaging. *Magnetic Resonance in Medical Sciences*, **2021**,	2.9	1

69	Intraosseous ganglion communicating with soft tissue counterpart. *Radiation Medicine*, **1997**, 15, 125-7		1
68	Hypothyroidism after radiotherapy for primary thyroid lymphoma. *Anticancer Research*, **2014**, 34, 4427-31	1.3	1
67	Refractory Haematuria Resulting From Peritoneal Dissemination of Metastatic Gastric Cancer: Radiation Therapy For A Nodule Infiltrating The Urinary Bladder. *Urology Journal*, **2017**, 14, 2982-2984	0.9	1
66	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.. *Schizophrenia Bulletin*, **2022**,	1.3	1
65	Clinical feasibility of an abdominal thin-slice breath-hold single-shot fast spin echo sequence processed using a deep learning-based noise-reduction approach.. *Magnetic Resonance Imaging*, **2022**, 90, 76-83	3.3	1
64	Persistent collection of antibiotic ointment masquerading as a lipoma arising at a surgical site. *Radiology Case Reports*, **2019**, 14, 1423-1426	1	0
63	Surface and build-up dose comparison between Elekta 6 MV flattening filter and flattening-filter-free beams using an advanced Markus ionization chamber and a solid water-equivalent phantom. *Journal of Applied Clinical Medical Physics*, **2020**, 21, 334-339	2.3	0
62	Treatment margins in radiotherapy for liver tumors visualized as T2*-hypointense areas on SPIO-enhanced MRI at 9.4 T. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2020**, 33, 701-712	2.8	0
61	AN IODINE LABELED PORPHYRIN AS A NEW RADIATION SENSITIZER IN HUMAN BLADDER CANCER CELLS IN VITRO AND IN VIVO, COMBINING PHOTODYMAMIC THERAPY (PDT) WITH PHOTON ACTIVATION THERAPY (PAT). *Journal of the Nihon University Medical Association*, **2013**, 72, 212-219	0	0
60	Deep-learning 2.5-dimensional single-shot detector improves the performance of automated detection of brain metastases on contrast-enhanced CT.. *Neuroradiology*, **2022**, 1	3.2	0
59	Differential diagnosis of thymic epithelial neoplasms on computed tomography using the diameter of the thymic vein. *Medicine (United States)*, **2021**, 100, e27942	1.8	0
58	Surface area in the insula was associated with 28-month functional outcome in first-episode psychosis. *NPJ Schizophrenia*, **2021**, 7, 56	5.5	0
57	Impact of deep learning reconstruction on intracranial 1.5 T magnetic resonance angiography. *Japanese Journal of Radiology*, **2021**, 1	2.9	0
56	Preliminary study of generalized semiautomatic segmentation for 3D voxel labeling of lesions based on deep learning. *International Journal of Computer Assisted Radiology and Surgery*, **2021**, 16, 1901-1913	2.9	0
55	Embolization of visceral arterial aneurysms: Simulation with 3D-printed models. *Vascular*, **2020**, 28, 259-266	1.9	0
54	Utility of computed tomography and F-fluorodeoxyglucose with positron emission tomography/computed tomography for distinguishing appendiceal mucocele caused by mucinous adenocarcinoma from other pathologies. *Colorectal Disease*, **2020**, 22, 1984-1990	2.1	0
53	CT imaging findings of lenvatinib-induced enteritis. *Abdominal Radiology*, **2021**, 46, 3066-3074	3	0
52	Enhanced structural connectivity within the motor loop in professional boxers prior to a match. *Scientific Reports*, **2021**, 11, 9015	4.9	0

51. Localization of the central sulcus using the distinctive high signal intensity of the paracentral lobule on T1-weighted images. *Neuroradiology*, **2021**, 1 — 3.2, 0

50. Structural connectivity changes in the cerebral pain matrix in burning mouth syndrome: a multi-shell, multi-tissue-constrained spherical deconvolution model analysis. *Neuroradiology*, **2021**, 63, 2005-2012 — 3.2, 0

49. Tumor size in patients with severe pulmonary emphysema might be underestimated on preoperative CT. *European Radiology*, **2022**, 32, 163-173 — 8, 0

48. Multichannel three-dimensional fully convolutional residual network-based focal liver lesion detection and classification in Gd-EOB-DTPA-enhanced MRI. *International Journal of Computer Assisted Radiology and Surgery*, **2021**, 16, 1527-1536 — 3.9, 0

47. CT imaging findings of anti-PD-1 inhibitor-related enterocolitis. *Abdominal Radiology*, **2021**, 46, 3033-3043 — 3, 0

46. Computer-aided detection of cerebral aneurysms with magnetic resonance angiography: usefulness of volume rendering to display lesion candidates. *Japanese Journal of Radiology*, **2021**, 39, 652-658 — 2.9, 0

45. Fat-forming solitary fibrous tumor of the sacrum: A case report and literature review. *Radiology Case Reports*, **2021**, 16, 1874-1877 — 1, 0

44. Multiple sclerosis plaques may undergo continuous myelin degradation: a cross-sectional study with myelin and axon-related quantitative magnetic resonance imaging metrics. *Neuroradiology*, **2021**, 1 — 3.2, 0

43. CT, MRI, and FDG-PET imaging findings of low-grade extrauterine endometrial stromal sarcoma arising from the mesentery: A case report. *Radiology Case Reports*, **2021**, 16, 2774-2779 — 1, 0

42. Longitudinal stability of resting-state networks in normal aging, mild cognitive impairment, and Alzheimer⊙ disease. *Magnetic Resonance Imaging*, **2021**, 82, 55-73 — 3.3, 0

41. Deep learning reconstruction for 1.5 T cervical spine MRI: effect on interobserver agreement in the evaluation of degenerative changes.. *European Radiology*, **2022**, 1 — 8, 0

40. Radiomics with 3-dimensional magnetic resonance fingerprinting: influence of dictionary design on repeatability and reproducibility of radiomic features.. *European Radiology*, **2022**, 1 — 8, 0

39. Rigid real-time prospective motion-corrected three-dimensional multiparametric mapping of the human brain.. *NeuroImage*, **2022**, 119176 — 7.9, 0

38. Detection of left ventricular dysfunction on axial non-contrast chest CT.. *European Journal of Radiology*, **2022**, 150, 110274 — 4.7, 0

37. Microstructural white matter abnormalities in multiple sclerosis and neuromyelitis optica spectrum disorders: Evaluation by advanced diffusion imaging.. *Journal of the Neurological Sciences*, **2022**, 436, 120205 — 3.2, 0

36. Schwannoma in and around the porta hepatis: radiological features in eight cases and literature review.. *Abdominal Radiology*, **2022**, 47, 1917 — 3, 0

35. Diffusely decreased liver attenuation on post-mortem computed tomography: Comparison with ante-mortem computed tomography and autopsy findings. *Journal of Forensic Radiology and Imaging*, **2019**, 16, 1-4 — 1.3

34. Uterine adenomyosis with extensive glandular proliferation: case series of a rare imaging variant. *Diagnostic and Interventional Radiology*, **2020**, 26, 153-159 — 3.2

33 Measured volumes using segmented tissue probability data obtained using statistical parametric mapping 12 were not influenced by the contrasts of analyzed images. *Journal of Clinical Neuroscience*, **2020**, 74, 69-75 — 2.2

32 The inhibitory effect of gadoxetate disodium on hepatic transporters: a study using indocyanine green. *European Radiology*, **2018**, 28, 4128-4133 — 8

31 Shrunken Hepatic Hemangioma Following Delineated Peritumoral Hyperintensity on Gadoxetic Acid Disodium-enhanced MR Imaging. *Magnetic Resonance in Medical Sciences*, **2017**, 16, 271-272 — 2.9

30 Technical report: coaxial catheter: a new technique for sequential spiral CT during arterial portography and hepatic arteriography. *Clinical Radiology*, **1997**, 52, 388-91 — 2.9

29 Preoperative portal vein embolization: a comparison of ethanol and coils ethanol alone.. *Minimally Invasive Therapy and Allied Technologies*, **2022**, 1-9 — 2.1

28 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 — 2.9

27 Successful diagnosis of veno-occlusive disease caused by inotuzumab ozogamicin through minimal-invasive angiography: a case report. *Annals of Hematology*, **2021**, 1 — 3

26 Structural Changes in the Cerebral Cortex with Hepatitis C Virus Infection. *Journal of the Nihon University Medical Association*, **2018**, 77, 261-266 — 0

25 Development of pancreatic cancer during observation for hepatocellular carcinoma: A retrospective cohort study. *Saudi Journal of Gastroenterology*, **2019**, 25, 390-396 — 3

24 Myelin Imaging Can Be Affected by a Number of Factors. *American Journal of Neuroradiology*, **2020**, 41, E43-E44 — 4.4

23 Expression of blood group antigens in rat colonic mucosa treated with dimethyldrazine(DMH).. *Nihon Daicho Komonbyo Gakkai Zasshi*, **1988**, 41, 1-8 — 0.1

22 Clinicopathological studies and treatment of obstructing carcinoma of the large bowel.. *Nihon Daicho Komonbyo Gakkai Zasshi*, **1990**, 43, 1333-1342 — 0.1

21 Voxel-based Neuroimaging Analysis. *Journal of the Nihon University Medical Association*, **2012**, 71, 68-72 — 0

20 Diagnosis and Management of Massive Lower Gastrointestinal bleeding. *Nihon Daicho Komonbyo Gakkai Zasshi*, **1981**, 34, 660-668 — 0.1

19 Diagnostic value of transanal radioisotope lymphography in rectal carcinoma.. *Nihon Daicho Komonbyo Gakkai Zasshi*, **1984**, 37, 557-561 — 0.1

18 Tumor markers (CEA, X-hapaten, Y-hapten, CA 19-9 and NCC-ST-439 antigens) in the tissue of colorectal carcinoma.. *Nihon Daicho Komonbyo Gakkai Zasshi*, **1985**, 38, 625-632 — 0.1

17 Comparison of image quality between synthetic and patients electrocardiogram-gated 320-row pediatric cardiac computed tomography. *Pediatric Radiology*, **2020**, 50, 180-187 — 2.8

16 Longitudinal comparison of ascites attenuation between antemortem and postmortem computed tomography. *Forensic Science International*, **2021**, 321, 110727 — 2.6

LIST OF PUBLICATIONS

15	Physiological 2-deoxy-2-[fluorine-18] fluoro-D-glucose accumulation in the thenar eminence in adults: a single-center retrospective study. *Annals of Nuclear Medicine*, **2021**, 35, 1167-1173	2.5
14	Using modulated and smoothed data improves detectability of volume difference in group comparison, but reduces accuracy with atlas-based volumetry using Statistical Parametric Mapping 12 software. *Acta Radiologica*, **2021**, 2841851211032442	2
13	Association of volume of self-directed versus assigned interpretive work with diagnostic performance of radiologists: an observational study. *BMJ Open*, **2019**, 9, e033390	3
12	Chorea-acanthocytosis: Time-dependent changes of symptoms and imaging findings. *Journal of Neuroradiology*, **2021**, 48, 419-424	3.1
11	Effect of bolus tracking region-of-interest position within the descending aorta on luminal enhancement of coronary arteries in coronary computed tomography angiography. *Medicine (United States)*, **2019**, 98, e15538	1.8
10	Characteristics of Hepatic Schwannoma Presenting as an Unusual Multi-cystic Mass on Gadoxetic Acid Disodium-enhanced MR Imaging. *Magnetic Resonance in Medical Sciences*, **2018**, 17, 95-99	2.9
9	Delayed cerebral enhancement on post-mortem computed tomography due to residual contrast medium administered shortly before death. *Radiology Case Reports*, **2021**, 16, 2056-2060	1
8	Detectability of pancreatic lesions by low-dose unenhanced computed tomography using iterative reconstruction. *European Journal of Radiology*, **2021**, 141, 109776	4.7
7	Rapidly progressing blastic plasmacytoid dendritic cell neoplasm causing diffuse skin thickening: A case report with sequential computed tomography examinations. *Radiology Case Reports*, **2021**, 16, 2929-2933	1
6	Successful transcatheter arterial embolization for pseudoaneurysm of the deep femoral artery in a patient with presumptive ACTA2-related vasculopathy. *Radiology Case Reports*, **2021**, 16, 3652-3654	1
5	Analysis of synthetic magnetic resonance images by multi-channel segmentation increases accuracy of volumetry in the putamen and decreases mis-segmentation in the dural sinuses.. *Acta Radiologica*, **2022**, 2841851221089835	2
4	Predicting the Portal Vein Pressure After Portal Vein Embolization by Measuring the Pressure with Balloon Occlusion Before Embolization.. *Journal of Vascular and Interventional Radiology*, **2022**,	2.4
3	Early postmortem changes in the pulmonary artery and veins: An antemortem and postmortem computed tomography study. *Forensic Imaging*, **2022**, 28, 200497	0.6
2	Traumatic facial nerve injury: A case of facial nerve avulsion at the cerebellopontine angle.. *Radiology Case Reports*, **2022**, 17, 2404-2407	1
1	Clinical Comparable Corpus Describing the Same Subjects with Different Expressions. *Studies in Health Technology and Informatics*, **2022**,	0.5