

Kohsuke Kudo

List of Publications by Year in descending order

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179
papers

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citations

109137

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181
all docs

181
docs citations

181
times ranked

6515
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical aspects of a real-time tumor-tracking system for gated radiotherapy. International Journal of Radiation Oncology Biology Physics, 2000, 48, 1187-1195.	0.4	603
2	Differences in CT Perfusion Maps Generated by Different Commercial Software: Quantitative Analysis by Using Identical Source Data of Acute Stroke Patients. Radiology, 2010, 254, 200-209.	3.6	292
3	Acute Stroke Imaging Research Roadmap II. Stroke, 2013, 44, 2628-2639.	1.0	192
4	Quantitative cerebral blood flow measurement with dynamic perfusion CT using the vascular-pixel elimination method: comparison with H2(15)O positron emission tomography. American Journal of Neuroradiology, 2003, 24, 419-26.	1.2	158
5	Changes in substantia nigra and locus coeruleus in patients with early-stage Parkinson's disease using neuromelanin-sensitive MR imaging. Neuroscience Letters, 2013, 541, 93-98.	1.0	144
6	Accuracy and Reliability Assessment of CT and MR Perfusion Analysis Software Using a Digital Phantom. Radiology, 2013, 267, 201-211.	3.6	131
7	Identifying Triple-Negative Breast Cancer Using Background Parenchymal Enhancement Heterogeneity on Dynamic Contrast-Enhanced MRI: A Pilot Radiomics Study. PLoS ONE, 2015, 10, e0143308.	1.1	110
8	3D neuromelanin-sensitive magnetic resonance imaging with semi-automated volume measurement of the substantia nigra pars compacta for diagnosis of Parkinson's disease. Neuroradiology, 2013, 55, 719-724.	1.1	107
9	Difference in Tracer Delay-induced Effect among Deconvolution Algorithms in CT Perfusion Analysis: Quantitative Evaluation with Digital Phantoms. Radiology, 2009, 251, 241-249.	3.6	97
10	Prognostic Imaging Biomarkers in Glioblastoma: Development and Independent Validation on the Basis of Multiregion and Quantitative Analysis of MR Images. Radiology, 2016, 278, 546-553.	3.6	90
11	MR susceptibility weighted imaging (SWI) complements conventional contrast enhanced T1 weighted MRI in characterizing brain abnormalities of Sturge-Weber Syndrome. Journal of Magnetic Resonance Imaging, 2008, 28, 300-307.	1.9	89
12	Quantification of myocardial blood flow using dynamic 320-row multi-detector CT as compared with 15O-H2O PET. European Radiology, 2014, 24, 1547-1556.	2.3	87
13	Prospective study on the mismatch concept in acute stroke patients within the first 24 h after symptom onset - 1000Plus study. BMC Neurology, 2009, 9, 60.	0.8	82
14	Oxygen extraction fraction measurement using quantitative susceptibility mapping: Comparison with positron emission tomography. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1424-1433.	2.4	82
15	Detection of changes in the locus coeruleus in patients with mild cognitive impairment and Alzheimer's disease: High-resolution fast spin-echo T1-weighted imaging. Geriatrics and Gerontology International, 2015, 15, 334-340.	0.7	76
16	Intravoxel incoherent motion diffusion-weighted imaging in head and neck squamous cell carcinoma: Assessment of perfusion-related parameters compared to dynamic contrast-enhanced MRI. Magnetic Resonance Imaging, 2014, 32, 1206-1213.	1.0	69
17	Noninvasive electrical conductivity measurement by MRI: a test of its validity and the electrical conductivity characteristics of glioma. European Radiology, 2018, 28, 348-355.	2.3	68
18	High-resolution Diffusion Tensor Imaging for the Detection of Diffusion Abnormalities in the Trigeminal Nerves of Patients with Trigeminal Neuralgia Caused by Neurovascular Compression. , 2011, 21, e102-e108.		62

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19	Monoamine neurons in the human brain stem: anatomy, magnetic resonance imaging findings, and clinical implications. <i>NeuroReport</i> , 2008, 19, 1649-1654.	0.6	60
20	IgG4-related Cardiovascular Disease from the Aorta to the Coronary Arteries: Multidetector CT and PET/CT. <i>Radiographics</i> , 2018, 38, 1934-1948.	1.4	60
21	Characteristics of immunoglobulin G4-related aortitis/periaortitis and periarteritis on fluorodeoxyglucose positron emission tomography/computed tomography co-registered with contrast-enhanced computed tomography. <i>EJNMMI Research</i> , 2017, 7, 20.	1.1	57
22	The utility of MRI histogram and texture analysis for the prediction of histological diagnosis in head and neck malignancies. <i>Cancer Imaging</i> , 2019, 19, 5.	1.2	57
23	Microstructural White Matter Abnormalities of Multiple System Atrophy: In Vivo Topographic Illustration by Using Diffusion-Tensor MR Imaging. <i>Radiology</i> , 2010, 255, 563-569.	3.6	51
24	International Survey of Acute Stroke Imaging Used to Make Revascularization Treatment Decisions. <i>International Journal of Stroke</i> , 2015, 10, 759-762.	2.9	50
25	Prediction of the treatment outcome using intravoxel incoherent motion and diffusional kurtosis imaging in nasal or sinonasal squamous cell carcinoma patients. <i>European Radiology</i> , 2017, 27, 956-965.	2.3	48
26	Neuromelanin-Sensitive MRI. <i>Klinische Neuroradiologie</i> , 2008, 18, 147-153.	0.9	45
27	Measurement of tumor blood flow in head and neck squamous cell carcinoma by pseudo-continuous arterial spin labeling: Comparison with dynamic contrast-enhanced MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 983-991.	1.9	45
28	Postoperative Cerebral White Matter Damage Associated with Cerebral Hyperperfusion and Cognitive Impairment after Carotid Endarterectomy: A Diffusion Tensor Magnetic Resonance Imaging Study. <i>Cerebrovascular Diseases</i> , 2012, 34, 358-367.	0.8	44
29	Carotid plaque signal differences among four kinds of T1-weighted magnetic resonance imaging techniques: A histopathological correlation study. <i>Neuroradiology</i> , 2012, 54, 1187-1194.	1.1	44
30	Detection of changes in cerebrospinal fluid space in idiopathic normal pressure hydrocephalus using voxel-based morphometry. <i>Neuroradiology</i> , 2010, 52, 381-386.	1.1	42
31	Identification and further differentiation of subendocardial and transmural myocardial infarction by fast strain-encoded (SENC) magnetic resonance imaging at 3.0 Tesla. <i>European Radiology</i> , 2011, 21, 2362-2368.	2.3	42
32	Arterial spin labeling to determine tumor viability in head and neck cancer before and after treatment. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 920-928.	1.9	40
33	Physiologic change in flow velocity and direction of dural venous sinuses with respiration: MR venography and flow analysis. <i>American Journal of Neuroradiology</i> , 2004, 25, 551-7.	1.2	40
34	Mapping of Cerebral Oxygen Extraction Fraction Changes with Susceptibility-weighted Phase Imaging. <i>Radiology</i> , 2011, 261, 930-936.	3.6	39
35	The Steerable Microcatheter: A New Device for Selective Catheterisation. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 947-952.	0.9	38
36	Noninvasive Assessment of Oxygen Extraction Fraction in Chronic Ischemia Using Quantitative Susceptibility Mapping at 7 Tesla. <i>Stroke</i> , 2017, 48, 2136-2141.	1.0	38

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37	Capillary Telangiectasia of the Brain Stem Diagnosed by Susceptibility-Weighted Imaging. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 980-982.	0.5	36
38	Evaluating Middle Cerebral Artery Atherosclerotic Lesions in Acute Ischemic Stroke Using Magnetic Resonance T1-weighted 3-Dimensional Vessel Wall Imaging. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 706-711.	0.7	36
39	Delayed contrast-enhanced computed tomography in patients with known or suspected cardiac sarcoidosis: A feasibility study. <i>European Radiology</i> , 2017, 27, 4054-4063.	2.3	36
40	Susceptibility-Weighted Imaging of Cerebral Fat Embolism. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 107-112.	0.5	35
41	Association of early tumor shrinkage with progression-free survival in patients with metastatic colorectal cancer treated with bevacizumab-based chemotherapy: HGCSG0802.. <i>Journal of Clinical Oncology</i> , 2015, 33, 749-749.	0.8	34
42	Susceptibility of Tmax to Tracer Delay on Perfusion Analysis: Quantitative Evaluation of Various Deconvolution Algorithms Using Digital Phantoms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 908-912.	2.4	33
43	Advanced diffusion models in head and neck squamous cell carcinoma patients: Goodness of fit, relationships among diffusion parameters and comparison with dynamic contrast-enhanced perfusion. <i>Magnetic Resonance Imaging</i> , 2017, 36, 16-23.	1.0	33
44	Postoperative Increase in Cerebral White Matter Fractional Anisotropy on Diffusion Tensor Magnetic Resonance Imaging Is Associated With Cognitive Improvement After Uncomplicated Carotid Endarterectomy. <i>Neurosurgery</i> , 2013, 73, 592-599.	0.6	32
45	Machine-Learning-Based Prediction of Treatment Outcomes Using MR Imaging-Derived Quantitative Tumor Information in Patients with Sinonasal Squamous Cell Carcinomas: A Preliminary Study. <i>Cancers</i> , 2019, 11, 800.	1.7	31
46	Differences in morphological features and minimum apparent diffusion coefficient values among breast cancer subtypes using 3-tesla MRI. <i>European Journal of Radiology</i> , 2016, 85, 96-102.	1.2	30
47	Five-point Likert scaling on MRI predicts clinically significant prostate carcinoma. <i>BMC Urology</i> , 2015, 15, 91.	0.6	29
48	Quantification of myocardial blood flow with dynamic perfusion 3.0 Tesla MRI: Validation with ¹⁵ O-water PET. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 754-762.	1.9	29
49	Usefulness of Pseudocontinuous Arterial Spin-Labeling for the Assessment of Patients with Head and Neck Squamous Cell Carcinoma by Measuring Tumor Blood Flow in the Pretreatment and Early Treatment Period. <i>American Journal of Neuroradiology</i> , 2016, 37, 342-348.	1.2	29
50	Intensity inhomogeneity correction for magnetic resonance imaging of human brain at 7T. <i>Medical Physics</i> , 2014, 41, 022302.	1.6	28
51	Assessment of the accuracy of a Bayesian estimation algorithm for perfusion CT by using a digital phantom. <i>Neuroradiology</i> , 2013, 55, 1197-1203.	1.1	26
52	Indirect Proton MR Imaging and Kinetic Analysis of ¹⁷ O-Labeled Water Tracer in the Brain. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 223-230.	1.1	26
53	The role of tumor lysis in reversible posterior leukoencephalopathy syndrome. <i>Pediatric Radiology</i> , 2005, 35, 722-727.	1.1	25
54	Contrast-enhanced FLAIR imaging in combination with pre- and postcontrast magnetization transfer T1-weighted imaging: Usefulness in the evaluation of brain metastases. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 479-487.	1.9	25

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55	The alphabet soup of perfusion CT and MR imaging: terminology revisited and clarified in five questions. <i>Neuroradiology</i> , 2012, 54, 907-918.	1.1	25
56	Visual discrimination among patients with depression and schizophrenia and healthy individuals using semiquantitative color-coded fast spin-echo T1-weighted magnetic resonance imaging. <i>Neuroradiology</i> , 2010, 52, 83-89.	1.1	24
57	Utility of noncontrast-enhanced time-resolved four-dimensional MR angiography with a vessel-selective technique for intracranial arteriovenous malformations. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 834-845.	1.9	24
58	Realization of reliable cerebral-blood-flow maps from low-dose CT perfusion images by statistical noise reduction using nonlinear diffusion filtering. <i>Radiological Physics and Technology</i> , 2008, 1, 62-74.	1.0	23
59	Standardized Uptake Value in High Uptake Area on Positron Emission Tomography with 18F-FRP170 as a Hypoxic Cell Tracer Correlates with Intratumoral Oxygen Pressure in Glioblastoma. <i>Molecular Imaging and Biology</i> , 2014, 16, 127-135.	1.3	23
60	Optimization of Scan Parameters to Reduce Acquisition Time for Diffusion Kurtosis Imaging at 1.5T. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 41-48.	1.1	23
61	Comparison between borderline ovarian tumors and carcinomas using semi-automated histogram analysis of diffusion-weighted imaging: focusing on solid components. <i>Japanese Journal of Radiology</i> , 2016, 34, 229-237.	1.0	23
62	18F-FMISO PET/CT detects hypoxic lesions of cardiac and extra-cardiac involvement in patients with sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2141-2148.	1.4	23
63	Early detection of global cerebral anoxia: improved accuracy by high-b-value diffusion-weighted imaging with long echo time. <i>American Journal of Neuroradiology</i> , 2005, 26, 1487-97.	1.2	23
64	Bayesian Analysis of Perfusion-weighted Imaging to Predict Infarct Volume: Comparison with Singular Value Decomposition. <i>Magnetic Resonance in Medical Sciences</i> , 2014, 13, 45-50.	1.1	22
65	Detection of normal spinal veins by using susceptibility-weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 32-38.	1.9	21
66	Detecting damaged regions of cerebral white matter in the subacute phase after carbon monoxide poisoning using voxel-based analysis with diffusion tensor imaging. <i>Neuroradiology</i> , 2012, 54, 681-689.	1.1	21
67	Voxel-Based Morphometry of Disproportionate Cerebrospinal Fluid Space Distribution for the Differential Diagnosis of Idiopathic Normal Pressure Hydrocephalus. <i>Journal of Neuroimaging</i> , 2014, 24, 359-365.	1.0	21
68	Detection of early changes in the parahippocampal and posterior cingulum bundles during mild cognitive impairment by using high-resolution multi-parametric diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 346-352.	0.9	21
69	Brain Temperature Measured by Using Proton MR Spectroscopy Predicts Cerebral Hyperperfusion after Carotid Endarterectomy. <i>Radiology</i> , 2010, 256, 924-931.	3.6	20
70	Prediction of Infarct Volume and Neurologic Outcome by using Automated Multiparametric Perfusion-Weighted Magnetic Resonance Imaging in a Primate Model of Permanent Middle Cerebral Artery Occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 448-456.	2.4	20
71	The strain-encoded (SENC) MR imaging for detection of global right ventricular dysfunction in pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 371-378.	0.7	20
72	Diagnostic value of tumor blood flow and its histogram analysis obtained with pCASL to differentiate sinonasal malignant lymphoma from squamous cell carcinoma. <i>European Journal of Radiology</i> , 2015, 84, 2187-2193.	1.2	20

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73	Preliminary study of AI-assisted diagnosis using FDG-PET/CT for axillary lymph node metastasis in patients with breast cancer. <i>EJNMMI Research</i> , 2021, 11, 10.	1.1	20
74	CT angiography with multidetector-row helical CT in spinal arteriovenous malformation. <i>Clinical Imaging</i> , 2004, 28, 23-27.	0.8	18
75	Susceptibility-Weighted Magnetic Resonance Imaging Detects Impaired Cerebral Hemodynamics in the Superior Sagittal Sinus Thrombosis -Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2009, 49, 248-251.	1.0	18
76	Spinal Arteriovenous Malformation: Evaluation of Change in Venous Oxygenation with Susceptibility-weighted MR Imaging after Treatment. <i>Radiology</i> , 2010, 254, 891-899.	3.6	18
77	Quantitative assessment of changes in carotid plaques during cilostazol administration using three-dimensional ultrasonography and non-gated magnetic resonance plaque imaging. <i>Neuroradiology</i> , 2012, 54, 939-945.	1.1	18
78	CT perfusion for acute stroke: Current concepts on technical aspects and clinical applications. <i>International Congress Series</i> , 2006, 1290, 30-36.	0.2	17
79	Noninvasive Evaluation of Collateral Blood Flow through Circle of Willis in Cervical Carotid Stenosis Using Selective Magnetic Resonance Angiography. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 1019-1023.	0.7	17
80	Non-invasive measurement of oxygen saturation in the spinal vein using SWI: Quantitative evaluation under conditions of physiological and caffeine load. <i>NeuroImage</i> , 2011, 54, 344-349.	2.1	16
81	CT and MR perfusion can discriminate severe cerebral hypoperfusion from perfusion absence: evaluation of different commercial software packages by using digital phantoms. <i>Neuroradiology</i> , 2012, 54, 467-474.	1.1	15
82	Feasibility and Efficiency of Human Bone Marrow Stromal Cell Culture with Allogeneic Platelet Lysate-Supplementation for Cell Therapy against Stroke. <i>Stem Cells International</i> , 2016, 2016, 1-11.	1.2	15
83	Utility of a Hybrid IVIM-DKI Model to Predict the Development of Distant Metastasis in Head and Neck Squamous Cell Carcinoma Patients. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 21-27.	1.1	15
84	Detection of microbleeds associated with sentinel headache using MRI quantitative susceptibility mapping: pilot study. <i>Journal of Neurosurgery</i> , 2019, 130, 1391-1397.	0.9	15
85	Low b -value diffusion tensor imaging for measuring pseudorandom flow of cerebrospinal fluid. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1369-1382.	1.9	15
86	Quantitative Susceptibility Mapping: Basic Methods and Clinical Applications. <i>Radiographics</i> , 2022, 42, 1161-1176.	1.4	15
87	Fast nonlinear regression method for CT brain perfusion analysis. <i>Journal of Medical Imaging</i> , 2016, 3, 026003.	0.8	14
88	Susceptibility-weighted Imaging and Magnetic Resonance Angiography during Migraine Attack: A Case Report. <i>Magnetic Resonance in Medical Sciences</i> , 2011, 10, 49-52.	1.1	14
89	Visualization of the Superparamagnetic Iron Oxide (SPIO)-Labeled Bone Marrow Stromal Cells Using a 3.0-T MRI—a Pilot Study for Clinical Testing of Neurotransplantation. <i>Translational Stroke Research</i> , 2012, 3, 99-106.	2.3	13
90	Transcatheter Arterial Embolization with Ethanol Injection in Symptomatic Patients with Enlarged Polycystic Kidneys. <i>Radiology</i> , 2015, 277, 277-285.	3.6	13

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91	Indirect MRI of ¹⁷ O-labeled water using steady-state sequences: Signal simulation and preclinical experiment. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1373-1379.	1.9	13
92	Prediction of the local treatment outcome in patients with oropharyngeal squamous cell carcinoma using deep learning analysis of pretreatment FDG-PET images. <i>BMC Cancer</i> , 2021, 21, 900.	1.1	12
93	Artificial intelligence for nuclear medicine in oncology. <i>Annals of Nuclear Medicine</i> , 2022, 36, 123-132.	1.2	12
94	Proton Magnetic Resonance Spectroscopic Images in Preterm Infants with Bilirubin Encephalopathy. <i>Journal of Pediatrics</i> , 2012, 160, 342-344.	0.9	11
95	Assessment of Sensations Experienced by Subjects during MR Imaging Examination at 7T. <i>Magnetic Resonance in Medical Sciences</i> , 2015, 14, 35-41.	1.1	11
96	Association of high serum soluble interleukin 2 receptor levels with risk of adverse events in cardiac sarcoidosis. <i>ESC Heart Failure</i> , 2021, 8, 5282-5292.	1.4	11
97	Detection of Active Plaques in Multiple Sclerosis using Susceptibility-weighted Imaging: Comparison with Gadolinium-enhanced MR Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2011, 10, 185-192.	1.1	10
98	Prediction of malignancy grading using computed tomography perfusion imaging in nonenhancing supratentorial gliomas. <i>Journal of Neuro-Oncology</i> , 2011, 103, 619-627.	1.4	10
99	Susceptibility-weighted Phase Imaging and Oxygen Extraction Fraction Measurement during Sedation and Sedation Recovery using 7T MRI. <i>Journal of Neuroimaging</i> , 2015, 25, 575-581.	1.0	10
100	Accelerating Cell Therapy for Stroke in Japan. <i>Stroke</i> , 2018, 49, e145-e152.	1.0	10
101	Semi-quantitative analysis of pre-treatment morphological and intratumoral characteristics using 18F-fluorodeoxyglucose positron-emission tomography as predictors of treatment outcome in nasal and paranasal squamous cell carcinoma. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 788-795.	1.1	10
102	Influence of the scan time point when assessing hypoxia in 18F-fluoromisonidazole PET: 2 vs. 4h. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1833-1842.	3.3	10
103	Comparison of Different Post-Processing Algorithms for Dynamic Susceptibility Contrast Perfusion Imaging of Cerebral Gliomas. <i>Magnetic Resonance in Medical Sciences</i> , 2017, 16, 129-136.	1.1	9
104	Magnetic resonance imaging T1 and T2 mapping provide complementary information on the bone mineral density regarding cancellous bone strength in the femoral head of postmenopausal women with osteoarthritis. <i>Clinical Biomechanics</i> , 2019, 65, 13-18.	0.5	8
105	Predicting metastasis in clinically negative axillary lymph nodes with minimum apparent diffusion coefficient value in luminal A-like breast cancer. <i>Breast Cancer</i> , 2019, 26, 628-636.	1.3	8
106	Evaluation of oxygen extraction fraction in systemic lupus erythematosus patients using quantitative susceptibility mapping. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1648-1658.	2.4	8
107	Percutaneous insertion of hepatic fiducial true-spherical markers for real-time adaptive radiotherapy. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2020, 29, 334-343.	0.6	8
108	Improvement of image quality on low-dose dynamic myocardial perfusion computed tomography with a novel 4-dimensional similarity filter. <i>Medicine (United States)</i> , 2020, 99, e20804.	0.4	8

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109	Penumbra Imaging by Using Perfusion Computed Tomography and Perfusion-Weighted Magnetic Resonance Imaging: Current Concepts. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013, 22, 1212-1215.	0.7	7
110	Evaluation of cerebral blood flow using multi-phase pseudo continuous arterial spin labeling at 3-tesla. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1338-1344.	1.0	7
111	Utility of a diffusion-weighted arterial spin labeling (DW-ASL) technique for evaluating the progression of brain white matter lesions. <i>Magnetic Resonance Imaging</i> , 2020, 69, 81-87.	1.0	7
112	Microstructural Alterations in Bipolar and Major Depressive Disorders: A Diffusion Kurtosis Imaging Study. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1187-1196.	1.9	7
113	Development and validation of a prediction model based on the organ-based metabolic tumor volume on FDG-PET in patients with differentiated thyroid carcinoma. <i>Annals of Nuclear Medicine</i> , 2021, 35, 1223-1231.	1.2	7
114	Texture analysis of delayed contrast-enhanced computed tomography to diagnose cardiac sarcoidosis. <i>Japanese Journal of Radiology</i> , 2021, 39, 442-450.	1.0	7
115	Development of three-dimensional MR neurography using an optimized combination of compressed sensing and parallel imaging. <i>Magnetic Resonance Imaging</i> , 2022, 87, 32-37.	1.0	7
116	Altered magnetic resonance images of brain and social behaviors of hatchling, and expression of thyroid hormone receptor β mRNA in cerebellum of embryos after Methimazole administration. <i>Psychopharmacology</i> , 2014, 231, 221-230.	1.5	6
117	Use of transabdominal ultrasonography to preoperatively determine T-stage of proven colon cancers. <i>Abdominal Imaging</i> , 2015, 40, 1441-1450.	2.0	6
118	Residual tumour detection in post-treatment granulation tissue by using advanced diffusion models in head and neck squamous cell carcinoma patients. <i>European Journal of Radiology</i> , 2017, 90, 14-19.	1.2	6
119	Preoperative Cerebral Oxygen Extraction Fraction Imaging Generated from 7T MR Quantitative Susceptibility Mapping Predicts Development of Cerebral Hyperperfusion following Carotid Endarterectomy. <i>American Journal of Neuroradiology</i> , 2017, 38, 2327-2333.	1.2	6
120	Heterogeneity of longitudinal and circumferential contraction in relation to late gadolinium enhancement in hypertrophic cardiomyopathy patients with preserved left ventricular ejection fraction. <i>Japanese Journal of Radiology</i> , 2018, 36, 103-112.	1.0	6
121	Glucose Metabolism and Its Complicated Relationship with Tumor Growth and Perfusion in Head and Neck Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2016, 11, e0166236.	1.1	6
122	Breath-holding during the Calibration Scan Improves the Reproducibility of Parallel Transmission at 7T for Human Brain. <i>Magnetic Resonance in Medical Sciences</i> , 2017, 16, 23-31.	1.1	6
123	Favorable effects of bevacizumab on tumor-induced osteomalacia caused by an undetectable tumor. <i>Medicine (United States)</i> , 2021, 100, e27895.	0.4	6
124	Quantitative magnetic resonance imaging for evaluating of the cerebrospinal fluid kinetics with ^{17}O -labeled water tracer: A preliminary report. <i>Magnetic Resonance Imaging</i> , 2022, 87, 77-85.	1.0	6
125	Penumbra Detection With Oxygen Extraction Fraction Using Magnetic Susceptibility in Patients With Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2022, 13, 752450.	1.1	6
126	Phase I Randomized Trial of ^{17}O -Labeled Water: Safety and Feasibility Study of Indirect Proton MRI for the Evaluation of Cerebral Water Dynamics. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1874-1882.	1.9	6

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127	Intraocular Water Movement Visualization Using ^1H -MRI With Eye Drops of ^{17}O -Labeled Saline: First Human Study. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 845-853.	1.9	6
128	International Survey of Acute Stroke Imaging Capabilities. <i>Stroke</i> , 2013, 44, 2091-2091.	1.0	5
129	Prediction of pancreatic anastomotic failure after pancreatic head resection using preoperative diffusion-weighted MR imaging. <i>Japanese Journal of Radiology</i> , 2015, 33, 59-66.	1.0	5
130	Improvement of the repeatability of parallel transmission at 7T using interleaved acquisition in the calibration scan. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 94-101.	1.9	5
131	Quantitative Susceptibility Mapping versus $R2^*$ -based Histogram Analysis for Evaluating Liver Fibrosis: Preliminary Results. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 609-622.	1.1	5
132	Non-invasive prediction of the tumor growth rate using advanced diffusion models in head and neck squamous cell carcinoma patients. <i>Oncotarget</i> , 2017, 8, 33631-33643.	0.8	5
133	DWI-related texture analysis for prostate cancer: differences in correlation with histological aggressiveness and data repeatability between peripheral and transition zones. <i>European Radiology Experimental</i> , 2022, 6, 1.	1.7	5
134	Increased Cerebral Small Vessel Disease Burden With Renal Dysfunction and Albuminuria in Patients Taking Antithrombotic Agents: The Bleeding With Antithrombotic Therapy 2. <i>Journal of the American Heart Association</i> , 2022, 11, e024749.	1.6	5
135	Two cases of spontaneous epidural emphysema during asthmatic attack. <i>Respiratory Investigation</i> , 2012, 50, 62-65.	0.9	4
136	Three-dimensional Pseudo-continuous Arterial Spin-labeling Using Turbo-spin Echo with Pseudo-steady State Readout: A Comparison with Other Major Readout Methods. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 170-177.	1.1	4
137	Evaluation of whole-body modalities for diagnosis of multifocal osteonecrosis—a pilot study. <i>Arthritis Research and Therapy</i> , 2021, 23, 83.	1.6	4
138	Preoperative Texture Analysis Using ^{11}C -Methionine Positron Emission Tomography Predicts Survival after Surgery for Glioma. <i>Diagnostics</i> , 2021, 11, 189.	1.3	4
139	Halo artifacts of indwelling urinary catheter by inaccurate scatter correction in ^{18}F -FDG PET/CT imaging: incidence, mechanism, and solutions. <i>EJNMMI Physics</i> , 2020, 7, 66.	1.3	4
140	Efficacy of Quantitative Susceptibility Mapping with Brain Surface Correction and Vein Removal for Detecting Increase Magnetic Susceptibility in Patients with Alzheimer's Disease. <i>Magnetic Resonance in Medical Sciences</i> , 2023, 22, 87-94.	1.1	4
141	Early Detection of Subacute Sclerosing Panencephalitis by High b-Value Diffusion-Weighted Imaging. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 126-130.	0.5	3
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