Seung-Koo Lee

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Association of dynamic susceptibility contrast- and dynamic contrast-enhanced magnetic resonance imaging parameters with molecular marker status in lower-grade gliomas: A retrospective study. Neuroradiology Journal, 2023, 36, 49-58.	1.2	3
2	Body CT and PET/CT detection of extracranial lymphoma in patients with newly diagnosed central nervous system lymphoma. Neuro-Oncology, 2022, 24, 482-491.	1.2	3
3	The effect of polycyclic aromatic hydrocarbons on changes in the brain structure of firefighters: An analysis using data from the Firefighters Research on Enhancement of Safety & Health study. Science of the Total Environment, 2022, 816, 151655.	8.0	11
4	Quality of Radiomics Research on Brain Metastasis: A Roadmap to Promote Clinical Translation. Korean Journal of Radiology, 2022, 23, 77.	3.4	15
5	Dual-Energy Computed Tomography Quantification of Extravasated lodine and Hemorrhagic Transformation after Thrombectomy. Journal of Stroke, 2022, 24, 152-155.	3.2	5
6	Clinical factors and conventional MRI may independently predict progression-free survival and overall survival in adult pilocytic astrocytomas. Neuroradiology, 2022, 64, 1529-1537.	2.2	3
7	A fully automatic multiparametric radiomics model for differentiation of adult pilocytic astrocytomas from high-grade gliomas. European Radiology, 2022, 32, 4500-4509.	4.5	10
8	High-Resolution Intracranial Vessel Wall MRI Findings Among Different Middle Cerebral Artery Territory Infarction Types. Korean Journal of Radiology, 2022, 23, 333.	3.4	7
9	Salvage multiple burr hole surgery in patients with Moyamoya disease: efficacy evaluation using probabilistic independent component analysis of dynamic susceptibility contrast perfusion MRI. Neuroradiology, 2022, , 1.	2.2	0
10	An interpretable radiomics model for the diagnosis of panic disorder with or without agoraphobia using magnetic resonance imaging. Journal of Affective Disorders, 2022, 305, 47-54.	4.1	5
11	Cycle-consistent adversarial networks improves generalizability of radiomics model in grading meningiomas on external validation. Scientific Reports, 2022, 12, 7042.	3.3	7
12	The stress-vulnerability model on the path to schizophrenia: Interaction between BDNF methylation and schizotypy on the resting-state brain network. NPJ Schizophrenia, 2022, 8, .	3.6	0
13	Adding radiomics to the 2021 WHO updates may improve prognostic prediction for current IDH-wildtype histological lower-grade gliomas with known EGFR amplification and TERT promoter mutation status. European Radiology, 2022, 32, 8089-8098.	4.5	4
14	Fully automated hybrid approach to predict the <i>IDH</i> mutation status of gliomas via deep learning and radiomics. Neuro-Oncology, 2021, 23, 304-313.	1.2	114
15	Predicting Amyloid Pathology in Mild Cognitive Impairment Using Radiomics Analysis of Magnetic Resonance Imaging. Journal of Alzheimer's Disease, 2021, 79, 483-491.	2.6	5
16	Diffusion tensor and postcontrast T1-weighted imaging radiomics to differentiate the epidermal growth factor receptor mutation status of brain metastases from non-small cell lung cancer. Neuroradiology, 2021, 63, 343-352.	2.2	21
17	Differentiation of recurrent diffuse glioma from treatment-induced change using amide proton transfer imaging: incremental value to diffusion and perfusion parameters. Neuroradiology, 2021, 63, 363-372.	2.2	24
18	Machine Learning Based Radiomic <scp>HPV</scp> Phenotyping of Oropharyngeal <scp>SCC</scp> : A Feasibility Study Using <scp>MRI</scp> . Laryngoscope, 2021, 131, E851-E856.	2.0	22

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19	Differentiation of recurrent glioblastoma from radiation necrosis using diffusion radiomics with machine learning model development and external validation. Scientific Reports, 2021, 11, 2913.	3.3	23
20	Radiomics With Ensemble Machine Learning Predicts Dopamine Agonist Response in Patients With Prolactinoma. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3069-e3077.	3.6	17
21	Dynamic contrast-enhanced MRI may be helpful to predict response and prognosis after bevacizumab treatment in patients with recurrent high-grade glioma: comparison with diffusion tensor and dynamic susceptibility contrast imaging. Neuroradiology, 2021, 63, 1811-1822.	2.2	7
22	Robust performance of deep learning for automatic detection and segmentation of brain metastases using three-dimensional black-blood and three-dimensional gradient echo imaging. European Radiology, 2021, 31, 6686-6695.	4.5	32
23	Perivascular Spaces in the Basal Ganglia and Long-term Motor Prognosis in Newly Diagnosed Parkinson Disease. Neurology, 2021, 96, e2121-e2131.	1.1	32
24	Development and Validation of a Deep Learning–Based Model to Distinguish Glioblastoma from Solitary Brain Metastasis Using Conventional MR Images. American Journal of Neuroradiology, 2021, 42, 838-844.	2.4	31
25	Clinical and diffusion parameters may noninvasively predict TERT promoter mutation status in grade II meningiomas. Journal of Neuroradiology, 2021, 49, 59-59.	1.1	5
26	Neural correlates of episodic memory modulated by temporally delayed rewards. PLoS ONE, 2021, 16, e0249290.	2.5	1
27	Magnetic Resonance Imaging Parameters for Noninvasive Prediction of Epidermal Growth Factor Receptor Amplification in Isocitrate Dehydrogenase-Wild-Type Lower-Grade Gliomas: A Multicenter Study. Neurosurgery, 2021, 89, 257-265.	1.1	11
28	Neural correlates of empathy for babies in postpartum women: A longitudinal study. Human Brain Mapping, 2021, 42, 3295-3304.	3.6	4
29	Quality assessment of meningioma radiomics studies: Bridging the gap between exploratory research and clinical applications. European Journal of Radiology, 2021, 138, 109673.	2.6	22
30	Identification of magnetic resonance imaging features for the prediction of molecular profiles of newly diagnosed glioblastoma. Journal of Neuro-Oncology, 2021, 154, 83-92.	2.9	8
31	Preoperative MRI Evaluation of Thyroid Cartilage Invasion in Patients with Laryngohypopharyngeal Cancer: Comparison of Contrast-Enhanced 2D Spin-Echo and 3D T1-Weighted Radial Gradient Recalled-Echo Techniques. American Journal of Neuroradiology, 2021, 42, 1690-1694.	2.4	3
32	Deep Learning–Based Software Improves Clinicians' Detection Sensitivity of Aneurysms on Brain TOF-MRA. American Journal of Neuroradiology, 2021, 42, 1769-1775.	2.4	9
33	Cortical Thickness from MRI to Predict Conversion from Mild Cognitive Impairment to Dementia in Parkinson Disease: A Machine Learning–based Model. Radiology, 2021, 300, 390-399.	7.3	19
34	Radiomics machine learning study with a small sample size: Single random training-test set split may lead to unreliable results. PLoS ONE, 2021, 16, e0256152.	2.5	32
35	The effect of body fatness on regional brain imaging markers and cognitive function in healthy elderly mediated by impaired glucose metabolism. Journal of Psychiatric Research, 2021, 140, 488-495.	3.1	2
36	Cohort profile: the Environmental-Pollution-Induced Neurological EFfects (EPINEF) study: a multicenter cohort study of Korean adults. Epidemiology and Health, 2021, 43, e2021067.	1.9	4

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37	An interpretable multiparametric radiomics model for the diagnosis of schizophrenia using magnetic resonance imaging of the corpus callosum. Translational Psychiatry, 2021, 11, 462.	4.8	20
38	A diagnostic tree for differentiation of adult pilocytic astrocytomas from high-grade gliomas. European Journal of Radiology, 2021, 143, 109946.	2.6	5
39	MRI Features May Predict Molecular Features of Glioblastoma in <i>Isocitrate Dehydrogenase</i> Wild-Type Lower-Grade Gliomas. American Journal of Neuroradiology, 2021, 42, 448-456.	2.4	34
40	A Deep Learning Model with High Standalone Performance for Diagnosis of Unruptured Intracranial Aneurysm. Yonsei Medical Journal, 2021, 62, 1052.	2.2	6
41	Radiomics-based prediction of multiple gene alteration incorporating mutual genetic information in glioblastoma and grade 4 astrocytoma, IDH-mutant. Journal of Neuro-Oncology, 2021, 155, 267-276.	2.9	10
42	Efficacy and Cerebrospinal Fluid Rhinorrhea after Cabergoline Treatment in Patients with Bioactive Macroprolactinoma. Cancers, 2021, 13, 5374.	3.7	1
43	Regional Gray Matter Volume Related to High Occupational Stress in Firefighters. Journal of Korean Medical Science, 2021, 36, e335.	2.5	3
44	NIMG-22. PREDICTION OF GLIOBLASTOMA CELLULAR INFILTRATION AND RECURRENCE USING MACHINE LEARNING AND MULTI-PARAMETRIC MRI ANALYSIS: RESULTS FROM THE MULTI-INSTITUTIONAL RESPOND CONSORTIUM. Neuro-Oncology, 2021, 23, vi132-vi133.	1.2	3
45	Magnetic Resonance Imaging-Visible Perivascular Spaces in the Basal Ganglia Are Associated With the Diabetic Retinopathy Stage and Cognitive Decline in Patients With Type 2 Diabetes. Frontiers in Aging Neuroscience, 2021, 13, 666495.	3.4	11
46	Radiomics and Deep Learning in Brain Metastases: Current Trends and Roadmap to Future Applications. Investigative Magnetic Resonance Imaging, 2021, 25, 266.	0.4	6
47	NIMG-39. RADIOMIC ANALYSIS FOR NON-INVASIVE IN VIVO PROGNOSTIC STRATIFICATION OF DE NOVO GLIOBLASTOMA PATIENTS: A MULTI-INSTITUTIONAL EVALUATION FOR GENERALIZABILITY IN THE RESPOND CONSORTIUM. Neuro-Oncology, 2021, 23, vi137-vi137.	1.2	0
48	Diffusion tensor imaging radiomics in lower-grade glioma: improving subtyping of isocitrate dehydrogenase mutation status. Neuroradiology, 2020, 62, 319-326.	2.2	28
49	Neural Correlates of Cognitive Performance in Alzheimer's Disease- and Lewy Bodies-Related Cognitive Impairment. Journal of Alzheimer's Disease, 2020, 73, 873-885.	2.6	4
50	Differentiating patients with schizophrenia from healthy controls by hippocampal subfields using radiomics. Schizophrenia Research, 2020, 223, 337-344.	2.0	18
51	Shared functional neural substrates in Parkinson's disease and drug-induced parkinsonism: association with dopaminergic depletion. Scientific Reports, 2020, 10, 11617.	3.3	5
52	Long-Term Ambient Air Pollution Exposures and Brain Imaging Markers in Korean Adults: The Environmental Pollution-Induced Neurological EFfects (EPINEF) Study. Environmental Health Perspectives, 2020, 128, 117006.	6.0	30
53	Radiomics features of hippocampal regions in magnetic resonance imaging can differentiate medial temporal lobe epilepsy patients from healthy controls. Scientific Reports, 2020, 10, 19567.	3.3	18
54	Robust performance of deep learning for distinguishing glioblastoma from single brain metastasis using radiomic features: model development and validation. Scientific Reports, 2020, 10, 12110.	3.3	62

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55	Radiomics risk score may be a potential imaging biomarker for predicting survival in isocitrate dehydrogenase wild-type lower-grade gliomas. European Radiology, 2020, 30, 6464-6474.	4.5	8
56	Diffusion and perfusion MRI may predict EGFR amplification and the TERT promoter mutation status of IDH-wildtype lower-grade gliomas. European Radiology, 2020, 30, 6475-6484.	4.5	29
57	The diagnostic potential of multimodal neuroimaging measures in Parkinson's disease and atypical parkinsonism. Brain and Behavior, 2020, 10, e01808.	2.2	9
58	Radiomics model predicts granulation pattern in growth hormone-secreting pituitary adenomas. Pituitary, 2020, 23, 691-700.	2.9	27
59	A deep learning algorithm may automate intracranial aneurysm detection on MR angiography with high diagnostic performance. European Radiology, 2020, 30, 5785-5793.	4.5	45
60	A rare case of oligodendroglioma with gangliocytic differentiation in a 31-year-old male: importance of genetic testing for IDH1/2. Brain Tumor Pathology, 2020, 37, 95-99.	1.7	2
61	Machine learning and radiomic phenotyping of lower grade gliomas: improving survival prediction. European Radiology, 2020, 30, 3834-3842.	4.5	45
62	Al-based prognostic imaging biomarkers for precision neuro-oncology: the ReSPOND consortium. Neuro-Oncology, 2020, 22, 886-888.	1.2	31
63	Factors for Enhancement of Intracranial Atherosclerosis in High Resolution Vessel Wall MRI in Ischemic Stroke Patients. Frontiers in Neurology, 2020, 11, 580.	2.4	3
64	Association between exposure to polycyclic aromatic hydrocarbons and brain cortical thinning: The Environmental Pollution-Induced Neurological EFfects (EPINEF) study. Science of the Total Environment, 2020, 737, 140097.	8.0	40
65	Altered neural substrates within cognitive networks of postpartum women during working memory process and resting-state. Scientific Reports, 2020, 10, 9110.	3.3	13
66	MR image phenotypes may add prognostic value to clinical features in IDH wild-type lower-grade gliomas. European Radiology, 2020, 30, 3035-3045.	4.5	6
67	Reduced activation of the ventromedial prefrontal cortex during self-referential processing in individuals at ultra-high risk for psychosis. Australian and New Zealand Journal of Psychiatry, 2020, 54, 528-538.	2.3	6
68	Magnetic resonance imaging–based 3-dimensional fractal dimension and lacunarity analyses may predict the meningioma grade. European Radiology, 2020, 30, 4615-4622.	4.5	19
69	NIMG-66. AI-BASED PROGNOSTIC IMAGING BIOMARKERS FOR PRECISION NEUROONCOLOGY AND THE RESPOND CONSORTIUM. Neuro-Oncology, 2020, 22, ii162-ii163.	1.2	3
70	Comparison of Diagnostic Performance of Two-Dimensional and Three-Dimensional Fractal Dimension and Lacunarity Analyses for Predicting the Meningioma Grade. Brain Tumor Research and Treatment, 2020, 8, 36.	1.0	7
71	Quality Reporting of Radiomics Analysis in Mild Cognitive Impairment and Alzheimer's Disease: A Roadmap for Moving Forward. Korean Journal of Radiology, 2020, 21, 1345.	3.4	29
72	Cohort Profile: Firefighter Research on the Enhancement of Safety and Health (FRESH), a Prospective Cohort Study on Korean Firefighters. Yonsei Medical Journal, 2020, 61, 103.	2.2	17

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73	Squamous Cell Carcinoma and Lymphoma of the Oropharynx: Differentiation Using a Radiomics Approach. Yonsei Medical Journal, 2020, 61, 895.	2.2	6
74	Structural and Resting-State Brain Alterations in Trauma-Exposed Firefighters: Preliminary Results. Journal of the Korean Society of Radiology, 2020, 81, 676.	0.2	2
75	Contrast-Enhanced High-Resolution Intracranial Vessel Wall MRI with Compressed Sensing: Comparison with Conventional T1 Volumetric Isotropic Turbo Spin Echo Acquisition Sequence. Korean Journal of Radiology, 2020, 21, 1334.	3.4	4
76	Central Nervous System Infection-Related Isolated Hippocampal Atrophy as Another Subtype of Medial Temporal Lobe Epilepsy with Hippocampal Atrophy: A Comparison to Conventional Medial Temporal		

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91	Altered task-dependent functional connectivity patterns during subjective recollection experiences of episodic retrieval in postpartum women. Neurobiology of Learning and Memory, 2018, 150, 116-135.	1.9	3
92	Whole-Tumor Histogram and Texture Analyses of DTI for Evaluation of <i>IDH1</i> -Mutation and 1p/19q-Codeletion Status in World Health Organization Grade II Gliomas. American Journal of Neuroradiology, 2018, 39, 693-698.	2.4	56
93	Amide proton transfer imaging for differentiation of benign and atypical meningiomas. European Radiology, 2018, 28, 331-339.	4.5	43
94	Prediction of <i>IDH1</i> -Mutation and 1p/19q-Codeletion Status Using Preoperative MR Imaging Phenotypes in Lower Grade Gliomas. American Journal of Neuroradiology, 2018, 39, 37-42.	2.4	111
95	Poorly differentiated chordoma with loss of <scp>SMARCB</scp> 1/ <scp>INI</scp> 1 expression in pediatric patients: <scp>A</scp> report of two cases and review of the literature. Neuropathology, 2018, 38, 47-53.	1.2	30
96	Comparison of 3D Volumetric Subtraction Technique and 2D Dynamic Contrast Enhancement Technique in the Evaluation of Contrast Enhancement for Diagnosing Cushing's Disease. Investigative Magnetic Resonance Imaging, 2018, 22, 102.	0.4	0
97	NIMG-52. PREDICTION OF SURVIVAL OUTCOME WITH RADIOLOGICAL PHENOTYPES IN IDH-WILD TYPE LOWER GRADE GLIOMAS BASED ON MACHINE LEARNING. Neuro-Oncology, 2018, 20, vi187-vi188.	1.2	0
98	Altered intrinsic local activity and cognitive dysfunction in HIV patients: A resting-state fMRI study. PLoS ONE, 2018, 13, e0207146.	2.5	16
99	Radiomic MRI Phenotyping of Glioblastoma: Improving Survival Prediction. Radiology, 2018, 289, 797-806.	7.3	172
100	Amyloid-β-related and unrelated cortical thinning in dementia with Lewy bodies. Neurobiology of Aging, 2018, 72, 32-39.	3.1	25
101	Data on subjective recollection effects reflected in large-scale functional connectivity patterns in postpartum women. Data in Brief, 2018, 19, 1142-1147.	1.0	1
102	Feasibility of a low-dose orbital CT protocol with a knowledge-based iterative model reconstruction algorithm for evaluating Graves' orbitopathy. Clinical Imaging, 2018, 51, 327-331.	1.5	3
103	Aberrant cerebro-cerebellar functional connectivity and minimal self-disturbance in individuals at ultra-high risk for psychosis and with first-episode schizophrenia. Schizophrenia Research, 2018, 202, 138-140.	2.0	19
104	Altered White Matter Integrity in Human Immunodeficiency Virus-Associated Neurocognitive Disorder: A Tract-Based Spatial Statistics Study. Korean Journal of Radiology, 2018, 19, 431.	3.4	20
105	The effect of presymptomatic hypertension in posterior reversible encephalopathy syndrome. Brain and Behavior, 2018, 8, e01061.	2.2	6
106	Differences in Large-scale and Sliding-window-based Functional Networks of Reappraisal and Suppression. Korean Society for Emotion and Sensibility, 2018, 21, 83-102.	0.1	1
107	Characterizing amide proton transfer imaging in haemorrhage brain lesions using 3T MRI. European Radiology, 2017, 27, 1577-1584.	4.5	21
108	Gadolinium deposition in the brain: association with various GBCAs using a generalized additive model. European Radiology, 2017, 27, 3353-3361.	4.5	29

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109	Amide proton transfer imaging to discriminate between low- and high-grade gliomas: added value to apparent diffusion coefficient and relative cerebral blood volume. European Radiology, 2017, 27, 3181-3189.	4.5	86
110	Head CT: Image quality improvement with ASIR-V using a reduced radiation dose protocol for children. European Radiology, 2017, 27, 3609-3617.	4.5	41
111	Retrosplenial cortical thinning as a possible major contributor for cognitive impairment in HIV patients. European Radiology, 2017, 27, 4721-4729.	4.5	14
112	Clinical outcome following medical treatment of cavernous malformation related epilepsy. Seizure: the Journal of the British Epilepsy Association, 2017, 45, 64-69.	2.0	7
113	Early-onset mild cognitive impairment in Parkinson's disease: Altered corticopetal cholinergic network. Scientific Reports, 2017, 7, 2381.	3.3	15
114	Analysis of structure–function network decoupling in the brain systems of spastic diplegic cerebral palsy. Human Brain Mapping, 2017, 38, 5292-5306.	3.6	28
115	Long-term epilepsy-associated tumor in the amygdala of a 16-year-old boy: report of a rare case having intranuclear filaments. Brain Tumor Pathology, 2017, 34, 172-178.	1.7	1
116	The Initial Area Under the Curve Derived from Dynamic Contrast-Enhanced MRI Improves Prognosis Prediction in Glioblastoma with Unmethylated <i>MGMT</i> Promoter. American Journal of Neuroradiology, 2017, 38, 1528-1535.	2.4	14
117	Elderly patients with newly diagnosed glioblastoma: can preoperative imaging descriptors improve the predictive power of a survival model?. Journal of Neuro-Oncology, 2017, 134, 423-431.	2.9	11
118	Characteristics of infarction after encephaloduroarteriosynangiosis in young patients with moyamoya disease. Journal of Neurosurgery: Pediatrics, 2017, 19, 1-7.	1.3	29
119	Primary central nervous system lymphoma and atypical glioblastoma: differentiation using the initial area under the curve derived from dynamic contrast-enhanced MR and the apparent diffusion coefficient. European Radiology, 2017, 27, 1344-1351.	4.5	44
120	Altered intrinsic brain activity after chemotherapy in patients with gastric cancer: A preliminary study. European Radiology, 2017, 27, 2679-2688.	4.5	23
121	Assessment of Blood-Brain Barrier Permeability by Dynamic Contrast-Enhanced MRI in Transient Middle Cerebral Artery Occlusion Model after Localized Brain Cooling in Rats. Korean Journal of Radiology, 2016, 17, 715.	3.4	3
122	Fellows' perception of fellowship training and overarching issues. Journal of the Korean Medical Association, 2016, 59, 969.	0.3	0
123	Imaging Features of Infratentorial Desmoplastic Infantile and Non-Infantile Tumors. Journal of the Korean Society of Radiology, 2016, 75, 49.	0.2	0
124	Radiation Doses of Various CT Protocols: a Multicenter Longitudinal Observation Study. Journal of Korean Medical Science, 2016, 31, S24.	2.5	8
125	Added Value of 3D Proton-Density Weighted Images in Diagnosis of Intracranial Arterial Dissection. PLoS ONE, 2016, 11, e0166929.	2.5	7
126	Cognitive and Neuroanatomical Correlates in Early Versus Late Onset Parkinson's Disease Dementia. Journal of Alzheimer's Disease, 2016, 55, 485-495.	2.6	6

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127	Incremental Prognostic Value of ADC Histogram Analysis over MGMT Promoter Methylation Status in Patients with Glioblastoma. Radiology, 2016, 281, 175-184.	7.3	51
128	Neural basis of distorted self-face recognition in social anxiety disorder. NeuroImage: Clinical, 2016, 12, 956-964.	2.7	16
129	Optic nerve integrity as a visuospatial cognitive predictor in Parkinson's disease. Parkinsonism and Related Disorders, 2016, 31, 41-45.	2.2	7
130	Correlation of 3D FLAIR and Dopamine Transporter Imaging in Patients With Parkinsonism. American Journal of Roentgenology, 2016, 207, 1089-1094.	2.2	20
131	The relationship between self-referential processing-related brain activity and anhedonia in patients with schizophrenia. Psychiatry Research - Neuroimaging, 2016, 254, 112-118.	1.8	5
132	Neural activity during self-referential working memory and the underlying role of the amygdala in social anxiety disorder. Neuroscience Letters, 2016, 627, 139-147.	2.1	22
133	Application of Dynamic Contrast-Enhanced MRI Parameters for Differentiating Squamous Cell Carcinoma and Malignant Lymphoma of the Oropharynx. American Journal of Roentgenology, 2016, 206, 401-407.	2.2	34
134	Human Papillomavirus and Epidermal Growth Factor Receptor in Oral Cavity and Oropharyngeal Squamous Cell Carcinoma: Correlation With Dynamic Contrast-Enhanced MRI Parameters. American Journal of Roentgenology, 2016, 206, 408-413.	2.2	17
135	Thrombus length discrepancy on dual-phase CT can predict clinical outcome in acute ischemic stroke. European Radiology, 2016, 26, 2215-2222.	4.5	4
136	Pseudoprogression in glioblastoma patients: the impact of extent of resection. Journal of Neuro-Oncology, 2016, 126, 559-566.	2.9	14
137	Reduction of Oxygen-Induced CSF Hyperintensity on FLAIR MR Images in Sedated Children: Usefulness of Magnetization-Prepared FLAIR Imaging. American Journal of Neuroradiology, 2016, 37, 1549-1555.	2.4	6
138	Superficial Echogenic Lesions Detected on Neonatal Cranial Sonography. Journal of Ultrasound in Medicine, 2016, 35, 477-484.	1.7	1
139	Report of a rare case of atypical lymphoplasmacyte-rich meningioma in the tentorium mimicking idiopathic hypertrophic pachymeningitis. Brain Tumor Pathology, 2016, 33, 216-221.	1.7	21
140	Different Functional and Microstructural Changes Depending on Duration of Mild Cognitive Impairment in Parkinson Disease. American Journal of Neuroradiology, 2016, 37, 897-903.	2.4	23
141	Can FLAIR hyperintense vessel (FHV) signs be influenced by varying MR parameters and flow velocities? A flow phantom analysis. Acta Radiologica, 2016, 57, 580-586.	1.1	15
142	Angiographic Features of Unilateral Nonbifurcating Cervical Carotid Artery: A Case Report. Journal of the Korean Society of Radiology, 2015, 73, 105.	0.2	0
143	Permeability Parameters Measured with Dynamic Contrast-Enhanced MRI: Correlation with the Extravasation of Evans Blue in a Rat Model of Transient Cerebral Ischemia. Korean Journal of Radiology, 2015, 16, 791.	3.4	6
144	Discrimination of Tumorous Intracerebral Hemorrhage from Benign Causes Using CT Densitometry. American Journal of Neuroradiology, 2015, 36, 886-892.	2.4	11

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145	Differentiation between Cystic Pituitary Adenomas and Rathke Cleft Cysts: A Diagnostic Model Using MRI. American Journal of Neuroradiology, 2015, 36, 1866-1873.	2.4	71
146	The Added Prognostic Value of Preoperative Dynamic Contrast-Enhanced MRI Histogram Analysis in Patients with Glioblastoma: Analysis of Overall and Progression-Free Survival. American Journal of Neuroradiology, 2015, 36, 2235-2241.	2.4	36
147	Effects of Agmatine on Blood-Brain Barrier Stabilization Assessed by Permeability MRI in a Rat Model of Transient Cerebral Ischemia. American Journal of Neuroradiology, 2015, 36, 283-288.	2.4	15
148	Altered Neural Basis of the Reality Processing and Its Relation to Cognitive Insight in Schizophrenia. PLoS ONE, 2015, 10, e0120478.	2.5	13
149	Radiologically Unusual Presentation of Cholesterol Granuloma in the Sphenoid Sinus. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2015, 58, 641.	0.2	3
150	Gadolinium Enhanced 3D Proton Density Driven Equilibrium MR Imaging in the Evaluation of Cisternal Tumor and Associated Structures: Comparison with Balanced Fast-Field-Echo Sequence. PLoS ONE, 2014, 9, e103215.	2.5	4
151	Differentiation between Primary Cerebral Lymphoma and Glioblastoma Using the Apparent Diffusion Coefficient: Comparison of Three Different ROI Methods. PLoS ONE, 2014, 9, e112948.	2.5	54
152	The Added Value of Double Dose Gadolinium Enhanced 3D T2 Fluid-Attenuated Inversion Recovery for Evaluating Small Brain Metastases. Yonsei Medical Journal, 2014, 55, 1231.	2.2	20
153	Prediction of methylguanine methyltransferase promoter methylation in glioblastoma using dynamic contrast-enhanced magnetic resonance and diffusion tensor imaging. Journal of Neurosurgery, 2014, 121, 367-373.	1.6	77
154	Altered structural connectivity and trait anhedonia in patients with schizophrenia. Neuroscience Letters, 2014, 579, 7-11.	2.1	17
155	Dopaminergic modulation of restingâ€state functional connectivity in de novo patients with Parkinson's disease. Human Brain Mapping, 2014, 35, 5431-5441.	3.6	30
156	Evaluation of MRI Criteria for Cavernous Sinus Invasion in Pituitary Macroadenoma. Journal of Neuroimaging, 2014, 24, 498-503.	2.0	20
157	Dual-Phase CT Collateral Score: A Predictor of Clinical Outcome in Patients with Acute Ischemic Stroke. PLoS ONE, 2014, 9, e107379.	2.5	17
158	Analysis of high-voltage electrical spinal cord injury using diffusion tensor imaging. Journal of Neurology, 2013, 260, 2876-2883.	3.6	7
159	Quantification of intracranial internal carotid artery calcification on brain unenhanced CT: evaluation of its feasibility and assessment of the reliability of visual grading scales. European Radiology, 2013, 23, 20-27.	4.5	14
160	Ischemic Stroke: Measurement of Intracranial Artery Calcifications Can Improve Prediction of Asymptomatic Coronary Artery Disease. Radiology, 2013, 268, 842-849.	7.3	24
161	Optimizing Contrast-Enhanced Magnetic Resonance Imaging Characterization of Brain Metastases. Neurosurgery, 2013, 72, 691-701.	1.1	26
162	Usefulness of Diffusion Tensor Tractography in Pediatric Epilepsy Surgery. Yonsei Medical Journal, 2013, 54, 21.	2.2	12

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163	Perception of 3-Dimensional (3D) Image after Successful Exotropia Surgery. Journal of Korean Ophthalmological Society, 2013, 54, 932.	0.2	0
164	18F-FDG PET Metabolic Parameters and MRI Perfusion and Diffusion Parameters in Hepatocellular Carcinoma: A Preliminary Study. PLoS ONE, 2013, 8, e71571.	2.5	20
165	Glioma Grading Capability: Comparisons among Parameters from Dynamic Contrast-Enhanced MRI and ADC Value on DWI. Korean Journal of Radiology, 2013, 14, 487.	3.4	67
166	Volumetric analysis of the substantia innominata in patients with Parkinson's disease according to cognitive status. Neurobiology of Aging, 2012, 33, 1265-1272.	3.1	74
167	Diffusion Tensor and Perfusion Imaging of Brain Tumors in High-Field MR Imaging. Neuroimaging Clinics of North America, 2012, 22, 123-134.	1.0	35
168	Ventriculus Terminalis in Adults: Unusual Magnetic Resonance Imaging Features and Review of the Literature. Korean Journal of Radiology, 2012, 13, 557.	3.4	21
169	Quantitative Assessment of Tumor Responses after Radiation Therapy in a DLD-1 Colon Cancer Mouse Model Using Serial Dynamic Contrast-Enhanced Magnetic Resonance Imaging. Yonsei Medical Journal, 2012, 53, 1147.	2.2	7
170	Blood–brain barrier impairment is functionally correlated with clinical severity in patients of multiple system atrophy. Neurobiology of Aging, 2011, 32, 2183-2189.	3.1	33
171	Diffusion Tensor Imaging: Exploring the Motor Networks and Clinical Applications. Korean Journal of Radiology, 2011, 12, 651.	3.4	32
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