Won-Jin Moon

List of Publications by Year
in descending order

116 papers	5,420 citations	136885 32 h-index	88593 70 g-index
118 all docs	118 docs citations	118 times ranked	6152 citing authors

#	Article	IF	Citations
1	Benign and Malignant Thyroid Nodules: US Differentiationâ€”Multicenter Retrospective Study. Radiology, 2008, 247, 762-770.	3.6	935
2	Ultrasonography Diagnosis and Imaging-Based Management of Thyroid Nodules: Revised Korean Society of Thyroid Radiology Consensus Statement and Recommendations. Korean Journal of Radiology, 2016, 17, 370.	1.5	708
3	Ultrasonography and the Ultrasound-Based Management of Thyroid Nodules: Consensus Statement and Recommendations. Korean Journal of Radiology, 2011, 12, 1.	1.5	394
4	Radiofrequency Ablation for the Treatment of Autonomously Functioning Thyroid Nodules. World Journal of Surgery, 2009, 33, 1971-1977.	0.8	200
5	White matter abnormalities in drug-naï¿½ve patients with obsessive?compulsive disorder: a Diffusion Tensor Study before and after citalopram treatment. Acta Psychiatrica Scandinavica, 2007, 116, 211-219.	2.2	141
6	Pyrosequencing Analysis for Detection of a BRAFV600E Mutation in an FNAB Specimen of Thyroid Nodules. Diagnostic Molecular Pathology, 2008, 17, 118-125.	2.1	139
7	Image Reporting and Characterization System for Ultrasound Features of Thyroid Nodules: Multicentric Korean Retrospective Study. Korean Journal of Radiology, 2013, 14, 110.	1.5	130
8	Sex differences in the human corpus callosum: diffusion tensor imaging study. NeuroReport, 2005, 16, 795-798.	0.6	127
9	Gadolinium Deposition in the Brain: Current Updates. Korean Journal of Radiology, 2019, 20, 134.	1.5	121
10	Imaging parameters of high grade gliomas in relation to the MGMT promoter methylation status: the CT, diffusion tensor imaging, and perfusion MR imaging. Neuroradiology, 2012, 54, 555-563.	1.1	111
11	Patterns of Brain Iron Accumulation in Vascular Dementia and Alzheimerâ€™s Dementia Using Quantitative Susceptibility Mapping Imaging. Journal of Alzheimer's Disease, 2016, 51, 737-745.	1.2	102
12	Brenner Tumor of the Ovary: CT and MR Findings. Journal of Computer Assisted Tomography, 2000, 24, 72-76.	0.5	95
13	Characterization of White Matter Injury in a Rat Model of Chronic Cerebral Hypoperfusion. Stroke, 2016, 47, 542-547.	1.0	93
14	Diagnostic Performance of Ultrasound-Based Risk-Stratification Systems for Thyroid Nodules: Comparison of the 2015 American Thyroid Association Guidelines with the 2016 Korean Thyroid Association/Korean Society of Thyroid Radiology and 2017 American College of Radiology Guidelines. Thyroid, 2018, 28, 1532-1537.	2.4	91
15	CollaGAN: Collaborative GAN for Missing Image Data Imputation. , 2019, , .		88
16	A Multicenter Prospective Validation Study for the Korean Thyroid Imaging Reporting and Data System in Patients with Thyroid Nodules. Korean Journal of Radiology, 2016, 17, 811.	1.5	75
17	Prospective analysis of cerebral infarction after carotid endarterectomy and carotid artery stent placement by using diffusion-weighted imaging. American Journal of Neuroradiology, 2005, 26, 376-84.	1.2	75
18	One-Step Ethanol Ablation of Viscous Cystic Thyroid Nodules. American Journal of Roentgenology, 2008, 191, 1730-1733.	1.0	72

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19	Increased water diffusivity in the frontal and temporal cortices of schizophrenic patients. NeuroImage, 2006, 30, 1285-1291.	2.1	62
20	Structural MR Imaging in the Diagnosis of Alzheimer's Disease and Other Neurodegenerative Dementia: Current Imaging Approach and Future Perspectives. Korean Journal of Radiology, 2016, 17, 827.	1.5	61
21	Ultrasonographic findings of medullary thyroid cancer: differences according to tumor size and correlation with fine needle aspiration results. Acta Radiologica, 2011, 52, 312-316.	0.5	55
22	Choroid Plexus Volume and Permeability at Brain MRI within the Alzheimer Disease Clinical Spectrum. Radiology, 2022, 304, 635-645.	3.6	55
23	Endovascular coil embolization of very small intracranial aneurysms. Neuroradiology, 2011, 53, 349-357.	1.1	54
24	A proton MRSI study of brain N-acetylaspartate level after 12 weeks of citalopram treatment in drug-naive patients with obsessive-compulsive disorder. American Journal of Psychiatry, 2006, 163, 1202-7.	4.0	49
25	Regional Atrophy of the Insular Cortex Is Associated with Neuropsychiatric Symptoms in Alzheimer's Disease Patients. European Neurology, 2014, 71, 223-229.	0.6	48
26	Time-Resolved 3D Contrast-Enhanced MRA on 3.0T: a Non-Invasive Follow-Up Technique after Stent-Assisted Coil Embolization of the Intracranial Aneurysm. Korean Journal of Radiology, 2011, 12, 662.	1.5	45
27	Peripheral ossifying fibroma in the oral cavity: CT and MR findings. Dentomaxillofacial Radiology, 2007, 36, 180-182.	1.3	40
28	Are there any specific ultrasound findings of nodular hyperplasia (â€œleave me aloneâ€•lesion) to differentiate it from follicular adenoma?. Acta Radiologica, 2009, 50, 383-388.	0.5	40
29	Optimization of MR Parameters of 3D TOF-MRA for Various Intracranial Stents at 3.0T MRI. Neurointervention, 2011, 6, 71.	0.5	40
30	Differential Cholinergic Pathway Involvement in Alzheimer's Disease and Subcortical Ischemic Vascular Dementia. Journal of Alzheimer's Disease, 2013, 35, 129-136.	1.2	40
31	Cerebral Ischemia Detected with Diffusion-Weighted MR Imaging after Protected Carotid Artery Stenting: Comparison of Distal Balloon and Filter Device. Korean Journal of Radiology, 2007, 8, 276.	1.5	39
32	Endovascular treatment of posterior cerebral artery aneurysms using detachable coils. Neuroradiology, 2008, 50, 237-242.	1.1	37
33	Diffusion-Tensor Imaging Assessment of White Matter Maturation in Childhood and Adolescence. American Journal of Roentgenology, 2011, 197, 704-712.	1.0	36
34	Magnetic Resonance Cisternography. Journal of Computer Assisted Tomography, 2007, 31, 588-591.	0.5	32
35	Assessing the importance of magnetic resonance contrasts using collaborative generative adversarial networks. Nature Machine Intelligence, 2020, 2, 34-42.	8.3	31
36	Quantification of myelin in children using multiparametric quantitative MRI: a pilot study. Neuroradiology, 2017, 59, 1043-1051.	1.1	30

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37	Myelin loss in white matter hyperintensities and normal-appearing white matter of cognitively impaired patients: a quantitative synthetic magnetic resonance imaging study. European Radiology, 2019, 29, 4914-4921.	2.3	30
38	Brain Atrophy of Secondary REM-Sleep Behavior Disorder in Neurodegenerative Disease. Journal of Alzheimer's Disease, 2016, 52, 1101-1109.	1.2	29
39	Diagnostic Efficacy of Structural MRI in Patients With Mild-to-Moderate Alzheimer Disease: Automated Volumetric Assessment Versus Visual Assessment. American Journal of Roentgenology, 2017, 208, 617-623.	1.0	29
40	Hippocampal bloodâ€“brain barrier permeability is related to the APOE4 mutation status of elderly individuals without dementia. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1351-1361.	2.4	29
41	Management Guidelines for Patients with Thyroid Nodules and Thyroid Cancer. Journal of Korean Endocrine Society, 2007, 22, 157.	0.1	29
42	How does distortion correction correlate with anisotropic indices? A diffusion tensor imaging study. Magnetic Resonance Imaging, 2006, 24, 1369-1376.	1.0	27
43	Muscle Strength Is Independently Related to Brain Atrophy in Patients with Alzheimerâ€™s Disease. Dementia and Geriatric Cognitive Disorders, 2019, 47, 306-314.	0.7	27
44	Perforator Territory Infarction in the Lenticulostriate Arterial Territory: Mechanisms and Lesion Patterns Based on the Axial Location. European Neurology, 2010, 63, 107-115.	0.6	25
45	Diffusion-Weighted Imaging with Sensitivity Encoding (SENSE) for Detecting Cranial Bone Marrow Metastases: Comparison with T1-Weighted Images. Korean Journal of Radiology, 2007, 8, 185.	1.5	24
46	MR imaging of ulnar collateral ligament injury in baseball players: Value for predicting rehabilitation outcome. European Journal of Radiology, 2011, 80, e422-6.	1.2	24
47	BRAF Mutation Analysis and Sonography as Adjuncts to Fine-Needle Aspiration Cytology of Papillary Thyroid Carcinoma: Their Relationships and Roles. American Journal of Roentgenology, 2012, 198, 668-674.	1.0	24
48	Orbital Lymphoma and Subacute or Chronic Inflammatory Pseudotumor: Differentiation with Two-Phase Helical Computed Tomography. Journal of Computer Assisted Tomography, 2003, 27, 510-516.	0.5	23
49	Measurement of Signal-to-Noise Ratio in MR Imaging with Sensitivity Encoding. Radiology, 2007, 243, 908-909.	3.6	22
50	Effect of Imaging Time in the Magnetic Resonance Detection of Intracerebral Metastases Using Single Dose Gadobutrol. Korean Journal of Radiology, 2014, 15, 145.	1.5	22
51	Vitamin D Deficiency Disrupts Neuronal Integrity in Cognitively Impaired Patients. Journal of Alzheimer's Disease, 2015, 45, 1089-1096.	1.2	21
52	Functional MRI as an Objective Measure of Olfaction Deficit in Patients with Traumatic Anosmia. American Journal of Neuroradiology, 2018, 39, 2320-2325.	1.2	21
53	Sex-Related Differences in Regional Bloodâ€“Brain Barrier Integrity in Non-Demented Elderly Subjects. International Journal of Molecular Sciences, 2021, 22, 2860.	1.8	20
54	Retrograde Stent Placement for Coil Embolization of a Wide-Necked Posterior Inferior Cerebellar Artery Aneurysm. Korean Journal of Radiology, 2012, 13, 510.	1.5	19

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55	Transcranial Magnetic Stimulation and Diffusion Tensor Tractography for Evaluating Ambulation after Stroke. Journal of Stroke, 2016, 18, 220-226.	1.4	19
56	Concordance of Three International Guidelines for Thyroid Nodules Classified by Ultrasonography and Diagnostic Performance of Biopsy Criteria. Korean Journal of Radiology, 2020, 21, 108.	1.5	19
57	Tympanometry and CT Measurement of Middle Ear Volumes in Patients with Unilateral Chronic Otitis Media. Clinical and Experimental Otorhinolaryngology, 2008, 1, 139.	1.1	17
58	Structural connectivity of the frontal lobe in children with drug-resistant partial epilepsy. Epilepsy and Behavior, 2011, 21, 65-70.	0.9	16
59	Atherosclerotic arterial wall change of non-stenotic intracracranial arteries on high-resolution MRI at 3.0T: Correlation with cerebrovascular risk factors and white matter hyperintensity. Clinical Neurology and Neurosurgery, 2014, 126, 1-6.	0.6	16
60	A Comparison of Substantia Nigra T1 Hyperintensity in Parkinson's Disease Dementia, Alzheimer's Disease and Age-Matched Controls: Volumetric Analysis of Neuromelanin Imaging. Korean Journal of Radiology, 2016, 17, 633.	1.5	16
61	Clinically Available Software for Automatic Brain Volumetry: Comparisons of Volume Measurements and Validation of Intermethod Reliability. Korean Journal of Radiology, 2021, 22, 405.	1.5	16
62	MR angiographic evaluation is limited in intracranial aneurysms embolized with Nexus coils. Neuroradiology, 2008, 50, 171-178.	1.1	15
63	Fluid-Attenuated Inversion Recovery Hypointensity of the Pulvinar Nucleus of Patients with Alzheimer Disease: Its Possible Association with Iron Accumulation as Evidenced by the T2[*]Map. Korean Journal of Radiology, 2012, 13, 674.	1.5	14
64	Diffusion tensor imaging of white and grey matter within the spinal cord of normal Beagle dogs: Sub-regional differences of the various diffusion parameters. Veterinary Journal, 2016, 215, 110-117.	0.6	14
65	The Value of Gross Visual Assessment of Specimen Adequacy for Liquid-Based Cytology During Ultrasound-Guided, Fine-Needle Aspiration of Thyroid Nodules. Endocrine Practice, 2015, 21, 1219-1226.	1.1	13
66	Characterization of Chronic Axonal Degeneration Using Diffusion Tensor Imaging in Canine Spinal Cord Injury: A Quantitative Analysis of Diffusion Tensor Imaging Parameters According to Histopathological Differences. Journal of Neurotrauma, 2017, 34, 3041-3050.	1.7	13
67	Comparison of Automated Brain Volume Measures by NeuroQuant vs. Freesurfer in Patients with Mild Cognitive Impairment: Effect of Slice Thickness. Yonsei Medical Journal, 2021, 62, 255.	0.9	13
68	Inter-vender and test-retest reliabilities of resting-state functional magnetic resonance imaging: Implications for multi-center imaging studies. Magnetic Resonance Imaging, 2017, 44, 125-130.	1.0	11
69	Motor cortex hypointensity on susceptibility-weighted imaging: a potential imaging marker of iron accumulation in patients with cognitive impairment. Neuroradiology, 2019, 61, 675-683.	1.1	11
70	Regional Differences in Blood-Brain Barrier Permeability in Cognitively Normal Elderly Subjects: A Dynamic Contrast-Enhanced MRI-Based Study. Korean Journal of Radiology, 2021, 22, 1152.	1.5	11
71	Diffusion abnormality of deep gray matter in external capsular hemorrhage. American Journal of Neuroradiology, 2005, 26, 229-35.	1.2	11
72	Sarcopenia in patients with dementia: correlation of temporalis muscle thickness with appendicular muscle mass. Neurological Sciences, 2022, 43, 3089-3095.	0.9	11

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73	Thyroid Incidentaloma Detected by Time-Resolved Magnetic Resonance Angiography at 3T: Prevalence and Clinical Significance. Korean Journal of Radiology, 2012, 13, 275.	1.5	10
74	Region-specific susceptibility change in cognitively impaired patients with diabetes mellitus. PLoS ONE, 2018, 13, e0205797.	1.1	10
75	Inter-Vendor and Inter-Session Reliability of Diffusion Tensor Imaging: Implications for Multicenter Clinical Imaging Studies. Korean Journal of Radiology, 2018, 19, 777.	1.5	10
76	Altered Functional Brain Networks in Patients with Traumatic Anosmia: Resting-State Functional MRI Based on Graph Theoretical Analysis. Korean Journal of Radiology, 2019, 20, 1536.	1.5	10
77	Association of Dysphagia With Supratentorial Lesions in Patients With Middle Cerebral Artery Stroke. Annals of Rehabilitation Medicine, 2016, 40, 637.	0.6	9
78	Contrastâ€Enhanced Fluidâ€Attenuated Inversion Recovery in Neuroimaging: A Narrative Review on Clinical Applications and Technical Advances. Journal of Magnetic Resonance Imaging, 2022, 56, 341-353.	1.9	9
79	Recurrent posterior circulation infarction caused by anomalous occipital bony process in a young patient. BMC Neurology, 2014, 14, 252.	0.8	8
80	Brain-State Extraction Algorithm Based on the State Transition (BEST): A Dynamic Functional Brain Network Analysis in fMRI Study. Brain Topography, 2019, 32, 897-913.	0.8	8
81	Clinical Usefulness of SurePathâ„¢ Liquid-based Cytology in Thyroid Fine Needle Aspiration: Comparison with the Conventional Smear in Diagnostic Efficacy and Applicability ofBRAFMutation Test. Korean Journal of Pathology, 2011, 45, 188.	1.2	8
82	Multiphasic Perfusion CT in Acute Middle Cerebral Artery Ischemic Stroke: Prediction of Final Infarct Volume and Correlation with Clinical Outcome. Korean Journal of Radiology, 2002, 3, 163.	1.5	7
83	Findings of Extrathyroid Lesions Encountered With Thyroid Sonography. Journal of Ultrasound in Medicine, 2007, 26, 1747-1759.	0.8	7
84	Cervical Epidural Lymphangioma Presenting as a Hemorrhagic Cyst. Spine, 2011, 36, E1117-E1120.	1.0	7
85	An Acute Tiny Left Putamenal Lesion Presenting With Transient Global Amnesia. Neurologist, 2012, 18, 80-82.	0.4	7
86	Charcoal-Induced Granuloma That Mimicked a Nodal Metastasis on Ultrasonography and FDG-PET/CT after Neck Dissection. Korean Journal of Radiology, 2015, 16, 196.	1.5	7
87	Appropriate Minimal Dose of Gadobutrol for 3D Time-Resolved MRA of the Supra-Aortic Arteries: Comparison with Conventional Single-Phase High-Resolution 3D Contrast-Enhanced MRA. American Journal of Neuroradiology, 2017, 38, 1383-1390.	1.2	7
88	Diffusion Tensor Imaging of Scarring, Necrosis, and Cavitation Based on Histopathological Findings in Dogs with Chronic Spinal Cord Injury: Evaluation of Multiple Diffusion Parameters and Their Correlations with Histopathological Findings. Journal of Neurotrauma, 2018, 35, 1387-1397.	1.7	7
89	Comparison of Vendor-Provided Volumetry Software and NeuroQuant Using 3D T1-Weighted Images in Subjects with Cognitive Impairment: How Large is the Inter-Method Discrepancy?. Investigative Magnetic Resonance Imaging, 2020, 24, 76.	0.2	7
90	Radiologic and Pathologic Findings of a Follicular Variant of Papillary Thyroid Cancer with Extensive Stromal Fat: A Case Report. Korean Journal of Radiology, 2015, 16, 1349.	1.5	6

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91	Blind Source Separation for Myelin Water Fraction Mapping Using Multi-Echo Gradient Echo Imaging. IEEE Transactions on Medical Imaging, 2020, 39, 2235-2245.	5.4	6
92	Evaluation of Reproducibility of Brain Volumetry between Commercial Software, Inbrain and		

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109	Korean Clinical Imaging Guidelines for Diagnosis of Headache Based on the 2017 Evidence-Based Clinical Imaging Guidelines. Journal of the Korean Society of Radiology, 2019, 80, 880.	0.1	1
110	Role of Cortico-ponto-cerebellar Tract from Supplementary Motor Area in Ataxic Hemiparesis of Supratentorial Stroke Patients. Brain & Neurorehabilitation, 2021, 14, .	0.4	1
111	Relationship Between Ipsilesional Upper Extremity Motor Function and Corpus Callosum Integrity in Patients With Unilateral Stroke: A Diffusion Tensor Imaging Study. Brain & Neurorehabilitation, 2022, 15, .	0.4	1
112	Correlation of Hemispatial Neglect with White Matter Tract Integrity: A DTI Study. Brain & Neurorehabilitation, 2022, 15, .	0.4	1
113	ICâ€Pâ€176: Diabetes Mellitus Alters Brain Iron Metabolism in Cognitive Impaired Patients: Quantitative Susceptibility Mapping (QSM) Study. Alzheimer's and Dementia, 2016, 12, P129.	0.4	0
114	Intra-Rater and Inter-Rater Reliability of Brain Surface Intensity Model (BSIM)-Based Cortical Thickness Analysis Using 3T MRI. Investigative Magnetic Resonance Imaging, 2015, 19, 168.	0.2	0
115	Functional Magnetic Resonance Imaging to Evaluate Patient Satisfaction Following Bimaxillary Surgery: A Preliminary Study. Journal of the Korean Society of Radiology, 2018, 78, 412.	0.1	0
116	Preface for Imaging of Neurodegenerative Diseases: Current Status and Recent Updates. Journal of the Korean Society of Radiology, 2022, 83, 451.	0.1	0