

# Hyun Seok Choi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9574856/publications.pdf>

Version: 2024-02-01

66  
papers

959  
citations

471371

17  
h-index

477173

29  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1680  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Resolution Intracranial Vessel Wall MRI Findings Among Different Middle Cerebral Artery Territory Infarction Types. <i>Korean Journal of Radiology</i> , 2022, 23, 333.	1.5	7
2	Myelin Water Imaging of Nerve Recovery in Rehabilitating Stroke Patients. <i>Journal of Magnetic Resonance Imaging</i> , 2022, , .	1.9	2
3	Semi-automatic measurement of intracranial hemorrhage growth on non-contrast CT. <i>International Journal of Stroke</i> , 2021, 16, 192-199.	2.9	6
4	Safety and feasibility of multiple blood-brain barrier disruptions for the treatment of glioblastoma in patients undergoing standard adjuvant chemotherapy. <i>Journal of Neurosurgery</i> , 2021, 134, 475-483.	0.9	69
5	Deep Learning-Based Software Improves Clinicians'™ Detection Sensitivity of Aneurysms on Brain TOF-MRA. <i>American Journal of Neuroradiology</i> , 2021, 42, 1769-1775.	1.2	9
6	Association between flat-panel computed tomography hyperattenuation and clinical outcome after successful recanalization by endovascular treatment. <i>Journal of Neurosurgery</i> , 2021, 135, 704-711.	0.9	5
7	A Deep Learning Model with High Standalone Performance for Diagnosis of Unruptured Intracranial Aneurysm. <i>Yonsei Medical Journal</i> , 2021, 62, 1052.	0.9	6
8	Effective End-to-End Deep Learning Process in Medical Imaging Using Independent Task Learning: Application for Diagnosis of Maxillary Sinusitis. <i>Yonsei Medical Journal</i> , 2021, 62, 1125.	0.9	3
9	Cerebellar artery arising from the cavernous segment of the internal carotid artery and persistent trigeminal artery: a spectrum of incomplete longitudinal fusion. <i>Acta Radiologica</i> , 2020, 61, 386-394.	0.5	0
10	One-Year Outcome of Multiple Blood-Brain Barrier Disruptions With Temozolomide for the Treatment of Glioblastoma. <i>Frontiers in Oncology</i> , 2020, 10, 1663.	1.3	45
11	A deep learning algorithm may automate intracranial aneurysm detection on MR angiography with high diagnostic performance. <i>European Radiology</i> , 2020, 30, 5785-5793.	2.3	45
12	Factors for Enhancement of Intracranial Atherosclerosis in High Resolution Vessel Wall MRI in Ischemic Stroke Patients. <i>Frontiers in Neurology</i> , 2020, 11, 580.	1.1	3
13	Immediate Postoperative Angiographic Stagnation of Contrast Media and T2-Weighted Magnetic Resonance Imaging Features within Aneurysmal Sac Are Associated with Early Regression of Large or Giant Aneurysm After Flow Diversion Only. <i>World Neurosurgery</i> , 2020, 141, e151-e159.	0.7	1
14	Contrast-Enhanced High-Resolution Intracranial Vessel Wall MRI with Compressed Sensing: Comparison with Conventional T1 Volumetric Isotropic Turbo Spin Echo Acquisition Sequence. <i>Korean Journal of Radiology</i> , 2020, 21, 1334.	1.5	4
15	Analysis of peritumoral hyperintensity on pre-operative T2-weighted MR images in glioblastoma: Additive prognostic value of Minkowski functionals. <i>PLoS ONE</i> , 2019, 14, e0217785.	1.1	7
16	Analysis of heterogeneity of peritumoral T2 hyperintensity in patients with pretreatment glioblastoma: Prognostic value of MRI-based radiomics. <i>European Journal of Radiology</i> , 2019, 120, 108642.	1.2	23
17	Seed-Based Resting-State Functional MRI for Presurgical Localization of the Motor Cortex: A Task-Based Functional MRI-Determined Seed Versus an Anatomy-Determined Seed. <i>Korean Journal of Radiology</i> , 2019, 20, 171.	1.5	3
18	Prognostic value of phase information of 2D T2*-weighted gradient echo brain imaging in cardiac arrest survivors: A preliminary study. <i>Resuscitation</i> , 2019, 140, 142-149.	1.3	18

#	ARTICLE	IF	CITATIONS
19	Diagnostic accuracy and efficiency of combined acquisition of low-dose time-resolved and single-phase high-resolution contrast-enhanced magnetic resonance angiography in a single session for pre-angiographic evaluation of spinal vascular disease. <i>PLoS ONE</i> , 2019, 14, e0214289.	1.1	6
20	Comparison of efficacy and complications between radiofrequency ablation and repeat surgery in the treatment of locally recurrent thyroid cancers: a single-center propensity score matching study. <i>International Journal of Hyperthermia</i> , 2019, 36, 358-366.	1.1	39
21	Relationship between Abnormal Hyperintensity on T2-Weighted Images Around Developmental Venous Anomalies and Magnetic Susceptibility of Their Collecting Veins: <i>In-Vivo</i> Quantitative Susceptibility Mapping Study. <i>Korean Journal of Radiology</i> , 2019, 20, 662.	1.5	3
22	Image Quality of Low-Dose Cerebral Angiography and Effectiveness of Clinical Implementation on Diagnostic and Neurointerventional Procedures for Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2019, 40, 827-833.	1.2	6
23	Analysis of Apparent Diffusion Coefficients of the Brain in Healthy Controls: A Comparison Study between Single-Shot Echo-Planar Imaging and Read-out-Segmented Echo-Planar Imaging. <i>Korean Journal of Radiology</i> , 2019, 20, 1138.	1.5	2
24	Bilateral PICA Territory Infarcts of Right Lateral Medulla and Left Cerebellum via Spontaneous Common PICA Dissection. <i>Journal of Neurosonology and Neuroimaging</i> , 2019, 11, 149-153.	0.0	0
25	Deep gray matter iron measurement in patients with liver cirrhosis using quantitative susceptibility mapping: Relationship with pallidal T <sub>2</sub> hyperintensity. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1342-1349.	1.9	10
26	Associations between Morphological Characteristics of Intracranial Arteries and Atherosclerosis Risk Factors in Subjects with Less Than 50% Intracranial Arterial Stenosis. <i>Investigative Magnetic Resonance Imaging</i> , 2018, 22, 150.	0.2	3
27	Resolution of Carotid Artery Dissection Confirmed by DANTE-SPACE MRI Sequence. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, 715-716.	0.3	0
28	Correlation-based perfusion mapping using time-resolved MR angiography: A feasibility study for patients with suspicions of steno-occlusive craniocervical arteries. <i>European Radiology</i> , 2018, 28, 4890-4899.	2.3	0
29	Differential diagnosis of oligodendroglial and astrocytic tumors using imaging results: the added value of perfusion MR imaging. <i>Neuroradiology</i> , 2017, 59, 665-675.	1.1	11
30	Linear sign in cystic brain lesions $\geq 5$ mm: A suggestive feature of perivascular space. <i>European Radiology</i> , 2017, 27, 4747-4755.	2.3	6
31	Assessment of Arterial Wall Enhancement for Differentiation of Parent Artery Disease from Small Artery Disease: Comparison between Histogram Analysis and Visual Analysis on 3-Dimensional Contrast-Enhanced T1-Weighted Turbo Spin Echo MR Images at 3T. <i>Korean Journal of Radiology</i> , 2017, 18, 383.	1.5	7
32	Quantification of Gadolinium Concentration Using GRE and UTE Sequences. <i>Investigative Magnetic Resonance Imaging</i> , 2017, 21, 171.	0.2	4
33	The Importance of Interface Irregularity between the Tumor and Brain Parenchyma in Differentiating between Typical and Atypical Meningiomas: Correlation with Pathology. <i>Investigative Magnetic Resonance Imaging</i> , 2016, 20, 158.	0.2	3
34	The usefulness of diffusion-weighted readout-segmented <i>EPI</i> and fast spin echo with <i>BLADE</i> ( <i>PROPELLER</i> ) <i>k</i> -space sampling: A comparison with single-shot <i>EPI</i> for diffusion-weighted imaging in ischemic stroke patients. <i>International Journal of Imaging Systems and Technology</i> , 2016, 26, 216-224.	2.7	2
35	USPIO enhanced lymph node MRI using 3D multi-echo GRE in a rabbit model. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 544-549.	0.4	13
36	Progression of Vertebral Artery Dissection: Vessel Wall Enhancement and Aneurysm Dilation. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 715-716.	0.3	2

#	ARTICLE	IF	CITATIONS
37	The phase value of putamen measured by susceptibility weighted images in Parkinson's disease and in other forms of Parkinsonism: a correlation study with F18 FP-CIT PET. <i>Acta Radiologica</i> , 2016, 57, 852-860.	0.5	3
38	Detection of Leptomeningeal Metastasis by Contrast-Enhanced 3D T1-SPACE: Comparison with 2D FLAIR and Contrast-Enhanced 2D T1-Weighted Images. <i>PLoS ONE</i> , 2016, 11, e0163081.	1.1	18
39	Pituitary Infarct Masquerading as a Pituitary Abscess. <i>Canadian Journal of Neurological Sciences</i> , 2015, 42, 446-447.	0.3	0
40	Permeability Parameters Measured with Dynamic Contrast-Enhanced MRI: Correlation with the Extravasation of Evans Blue in a Rat Model of Transient Cerebral Ischemia. <i>Korean Journal of Radiology</i> , 2015, 16, 791.	1.5	6
41	Subtraction MR Venography Acquired from Time-Resolved Contrast-Enhanced MR Angiography: Comparison with Phase-Contrast MR Venography and Single-Phase Contrast-Enhanced MR Venography. <i>Korean Journal of Radiology</i> , 2015, 16, 1353.	1.5	5
42	Characteristic location and growth patterns of functioning pituitary adenomas: correlation with histological distribution of hormone-secreting cells in the pituitary gland. <i>Clinical Imaging</i> , 2015, 39, 770-774.	0.8	3
43	Left atrial dilatation is associated with severe ischemic stroke in men with non-valvular atrial fibrillation. <i>Journal of the Neurological Sciences</i> , 2015, 354, 97-102.	0.3	20
44	Supra-aortic low-dose contrast-enhanced time-resolved magnetic resonance (MR) angiography at 3T: comparison with time-of-flight MR angiography and high-resolution contrast-enhanced MR angiography. <i>Acta Radiologica</i> , 2015, 56, 673-680.	0.5	6
45	Bilateral Thalamic Infarction After Traumatic Vertebral Artery Dissection. <i>Canadian Journal of Neurological Sciences</i> , 2015, 42, 208-209.	0.3	2
46	Non-stenotic intracranial arteries have atherosclerotic changes in acute ischemic stroke patients: a 3T MRI study. <i>Neuroradiology</i> , 2015, 57, 1007-1013.	1.1	17
47	Findings Regarding an Intracranial Hemorrhage on the Phase Image of a Susceptibility-Weighted Image (SWI), According to the Stage, Location, and Size. <i>Investigative Magnetic Resonance Imaging</i> , 2015, 19, 107.	0.2	3
48	Radiofrequency Ablation to Treat Loco-Regional Recurrence of Well-Differentiated Thyroid Carcinoma. <i>Korean Journal of Radiology</i> , 2014, 15, 817.	1.5	68
49	Evaluation of MRI Criteria for Cavernous Sinus Invasion in Pituitary Macroadenoma. <i>Journal of Neuroimaging</i> , 2014, 24, 498-503.	1.0	20
50	Clinical Utility of Prominent Hypointense Signals in the Draining Veins on Susceptibility-Weighted Imaging in Acute Cerebral Infarct: As a Marker of Penumbra and a Predictor of Prognosis. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2014, 18, 332.	0.1	0
51	Intramural Hematoma Detection by Susceptibility-Weighted Imaging in Intracranial Vertebral Artery Dissection. <i>Cerebrovascular Diseases</i> , 2013, 36, 292-298.	0.8	51
52	Arachnoid Cyst in Oculomotor Cistern. <i>Korean Journal of Radiology</i> , 2013, 14, 829.	1.5	8
53	Glioma Grading Capability: Comparisons among Parameters from Dynamic Contrast-Enhanced MRI and ADC Value on DWI. <i>Korean Journal of Radiology</i> , 2013, 14, 487.	1.5	67
54	Cerebral Computed Tomography Angiography Using a Low Tube Voltage (80 kVp) and a Moderate Concentration of Iodine Contrast Material. <i>Investigative Radiology</i> , 2012, 47, 142-147.	3.5	52

#	ARTICLE	IF	CITATIONS
55	Artificial Luminal Narrowing on Contrast-Enhanced Magnetic Resonance Angiograms on an Occasion of Stent-Assisted Coiling of Intracranial Aneurysm: In Vitro Comparison Using Two Different Stents with Variable Imaging Parameters. <i>Korean Journal of Radiology</i> , 2012, 13, 550.	1.5	10
56	Endovascular treatment of dural arteriovenous fistula involving marginal sinus with emphasis on the routes of transvenous embolization. <i>Neuroradiology</i> , 2012, 54, 163-169.	1.1	24
57	Pseudostenosis at the Origin of the Vertebral Artery on Contrast-enhanced MRA: Correlation with Aortic Motion on Dynamic 3D Time-Resolved Contrast-Enhanced MRA. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2012, 16, 236.	0.1	7
58	Blood-brain barrier impairment is functionally correlated with clinical severity in patients of multiple system atrophy. <i>Neurobiology of Aging</i> , 2011, 32, 2183-2189.	1.5	33
59	Pre-operative Evaluation of Consistency in Intra-axial Brain Tumor with Diffusion-weighted Images (DWI) and Conventional MR Images. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2011, 15, 102.	0.1	2
60	Asymmetric Dilatation of Virchow-Robin Space in Unilateral Internal Carotid Artery Steno-Occlusive Disease. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 298-302.	0.5	6
61	Sonographically Guided Fine-Needle Aspiration Biopsy of Major Salivary Gland Masses: A Review of 245 Cases. <i>American Journal of Roentgenology</i> , 2011, 196, 1160-1163.	1.0	46
62	Focal time-to-peak changes on perfusion MRI in children with Moyamoya disease: correlation with conventional angiography. <i>Acta Radiologica</i> , 2011, 52, 675-679.	0.5	3
63	Susceptibility Weighted MR Imaging at 3T in Patients with Occlusion of Middle Cerebral Artery : Comparison with Diffusion Weighted Imaging Score (ASPECTS). <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2011, 15, 219.	0.1	0
64	Accuracy of 3-T MR angiography in vertebral artery stenosis and coincidence with other cerebrovascular stenoses. <i>Neuroradiology</i> , 2010, 52, 893-898.	1.1	5
65	Ultrasonographic finding of internal jugular vein during anti-G straining maneuver: is it associated with gravity-induced loss of consciousness?. <i>European Journal of Applied Physiology</i> , 2010, 109, 625-630.	1.2	6
66	Pitfalls, Artifacts, and Remedies in Multi-Detector Row CT Coronary Angiography. <i>Radiographics</i> , 2004, 24, 787-800.	1.4	95