Seung Chai Jung

List of Publications by Year
in descending order

76 papers	1,522 citations	279798 23 h-index	377865 34 g-index
76 all docs	76 docs citations	76 times ranked	2656 citing authors

#	Article	IF	Citations
1	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
2	Structural Changes of Intra and Extracranial Artery Dissection: a Study of High-Resolution Magnetic Resonance Imaging. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106302.	1.6	3
3	Edoxaban Versus Dual Antiplatelet Therapy for Leaflet Thrombosis and Cerebral Thromboembolism After TAVR: The ADAPT-TAVR Randomized Clinical Trial. Circulation, 2022, 146, 466-479.	1.6	37
4	Rationale and design of the ADAPT-TAVR trial: a randomised comparison of edoxaban and dual antiplatelet therapy for prevention of leaflet thrombosis and cerebral embolisation after transcatheter aortic valve replacement. BMJ Open, 2021, 11, e042587.	1.9	9
5	Reproducibility of radiomic features in SENSE and compressed SENSE: impact of acceleration factors. European Radiology, 2021, 31, 6457-6470.	4.5	10
6	A Multicenter Survey of Acute Stroke Imaging Protocols for Endovascular Thrombectomy. Neurointervention, 2021, 16, 20-28.	0.8	10
7	Stability of MRI radiomic features according to various imaging parameters in fast scanned T2-FLAIR for acute ischemic stroke patients. Scientific Reports, 2021, 11, 17143.	3.3	12
8	Imaging Diagnosis. , 2021, , 135-164.		0
9	Repeatability of amide proton transferâ€“weighted signals in the brain according to clinical condition and anatomical location. European Radiology, 2020, 30, 346-356.	4.5	15
10	MRI for prediction of hemorrhagic transformation in acute ischemic stroke: a systematic review and meta-analysis. Acta Radiologica, 2020, 61, 964-972.	1.1	21
11	Fully automated segmentation on brain ischemic and white matter hyperintensities lesions using semantic segmentation networks with squeeze-and-excitation blocks in MRI. Informatics in Medicine Unlocked, 2020, 21, 100440.	3.4	2
12	Deep-learning-based image quality enhancement of compressed sensing magnetic resonance imaging of vessel wall: comparison of self-supervised and unsupervised approaches. Scientific Reports, 2020, 10, 13950.	3.3	30
13	Comparative Value of 2-Hydroxyglutarateâ€“toâ€“Lipid and Lactate Ratio versus 2-Hydroxyglutarate Concentration on MR Spectroscopic Images for Predicting Isocitrate Dehydrogenase Mutation Status in Gliomas. Radiology Imaging Cancer, 2020, 2, e190083.	1.6	3
14	Neuroimaging in Randomized, Multi-Center Clinical Trials of Endovascular Treatment for Acute Ischemic Stroke: A Systematic Review. Korean Journal of Radiology, 2020, 21, 42.	3.4	6
15	Identification of Early Response to Anti-Angiogenic Therapy in Recurrent Glioblastoma: Amide Proton Transferâ€“weighted and Perfusion-weighted MRI compared with Diffusion-weighted MRI. Radiology, 2020, 295, 397-406.	7.3	49
16	Pretreatment brain volumes can affect the effectiveness of deep brain stimulation in Parkinson's disease patients. Scientific Reports, 2020, 10, 22065.	3.3	8
17	Added diagnostic values of three-dimensional high-resolution proton density-weighted magnetic resonance imaging for unruptured intracranial aneurysms in the circle-of-Willis: Comparison with time-of-flight magnetic resonance angiography. PLoS ONE, 2020, 15, e0243235.	2.5	3
18	Sinus of Valsalva Thrombosis Detected on Computed Tomography after Transcatheter Aortic Valve Replacement. Korean Circulation Journal, 2020, 50, 572.	1.9	7

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19	Optimized Image-Based Surrogate Endpoints in Targeted Therapies for Glioblastoma: A Systematic Review and Meta-Analysis of Phase III Randomized Controlled Trials. Korean Journal of Radiology, 2020, 21, 471.	3.4	5
20	Asian Oceanian Radiology Forum 2018: International Education of Radiology in Asian Oceanian Countries. Korean Journal of Radiology, 2020, 21, 125.	3.4	1
21	Title is missing!. , 2020, 15, e0243235.		0
22	Title is missing!. , 2020, 15, e0243235.		0
23	Title is missing!. , 2020, 15, e0243235.		0
24	Title is missing!. , 2020, 15, e0243235.		0
25	Imaging prediction of isocitrate dehydrogenase (IDH) mutation in patients with glioma: a systemic review and meta-analysis. European Radiology, 2019, 29, 745-758.	4.5	87
26	High-resolution magnetic resonance imaging of intracranial vessel walls: Comparison of 3D T1-weighted turbo spin echo with or without DANTE or iMSDE. PLoS ONE, 2019, 14, e0220603.	2.5	17
27	Accuracy and precision of ultrasound shear wave elasticity measurements according to target elasticity and acquisition depth: A phantom study. PLoS ONE, 2019, 14, e0219621.	2.5	8
28	Primary Central Nervous System Lymphoma: Diagnostic Yield of Whole-Body CT and FDG PET/CT for Initial Systemic Imaging. Radiology, 2019, 292, 440-446.	7.3	17
29	Intracranial aneurysms in patients receiving kidney transplantation for autosomal dominant polycystic kidney disease. Acta Neurochirurgica, 2019, 161, 2389-2396.	1.7	4
30	Amide proton transferâ€“weighted MRI can detect tissue acidosis and monitor recovery in a transient middle cerebral artery occlusion model compared with a permanent occlusion model in rats. European Radiology, 2019, 29, 4096-4104.	4.5	6
31	Amide proton transfer-weighted MRI in distinguishing high- and low-grade gliomas: a systematic review and meta-analysis. Neuroradiology, 2019, 61, 525-534.	2.2	28
32	Technical Performance of Two-Dimensional Shear Wave Elastography for Measuring Liver Stiffness: A Systematic Review and Meta-Analysis. Korean Journal of Radiology, 2019, 20, 880.	3.4	38
33	False-Positive Measurement at 2-Hydroxyglutarate MR Spectroscopy in Isocitrate Dehydrogenase Wild-Type Glioblastoma: A Multifactorial Analysis. Radiology, 2019, 291, 752-762.	7.3	28
34	High-Resolution Magnetic Resonance Imaging Using Compressed Sensing for Intracranial and Extracranial Arteries: Comparison with Conventional Parallel Imaging. Korean Journal of Radiology, 2019, 20, 487.	3.4	25
35	Fully Automatic Segmentation of Acute Ischemic Lesions on Diffusion-Weighted Imaging Using Convolutional Neural Networks: Comparison with Conventional Algorithms. Korean Journal of Radiology, 2019, 20, 1275.	3.4	40
36	The â€œCentral Vein Signâ€•on T2*-weighted Images as a Diagnostic Tool in Multiple Sclerosis: A Systematic Review and Meta-analysis using Individual Patient Data. Scientific Reports, 2019, 9, 18188.	3.3	21

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37	Reliability of fast magnetic resonance imaging for acute ischemic stroke patients using a 1.5-T scanner. European Radiology, 2019, 29, 2641-2650.	4.5	11
38	Technical performance of shear wave elastography for measuring liver stiffness in pediatric and adolescent patients: a systematic review and meta-analysis. European Radiology, 2019, 29, 2560-2572.	4.5	15
39	Perfusion CT for prediction of hemorrhagic transformation in acute ischemic stroke: a systematic review and meta-analysis. European Radiology, 2019, 29, 4077-4087.	4.5	25
40	MRI as a diagnostic biomarker for differentiating primary central nervous system lymphoma from glioblastoma: A systematic review and metaâ€analysis. Journal of Magnetic Resonance Imaging, 2019, 50, 560-572.	3.4	39
41	Neuroimaging in Acute Ischemic Stroke: Role and Recent Advances. Journal of the Korean Society of Radiology, 2019, 80, 1075.	0.2	0
42	Amide proton transfer imaging seems to provide higher diagnostic performance in post-treatment high-grade gliomas than methionine positron emission tomography. European Radiology, 2018, 28, 3285-3295.	4.5	27
43	Perfusion MRI as a diagnostic biomarker for differentiating glioma from brain metastasis: a systematic review and meta-analysis. European Radiology, 2018, 28, 3819-3831.	4.5	38
44	Multiparametric MRI as a potential surrogate endpoint for decision-making in early treatment response following concurrent chemoradiotherapy in patients with newly diagnosed glioblastoma: a systematic review and meta-analysis. European Radiology, 2018, 28, 2628-2638.	4.5	33
45	Diffusion-Weighted Imaging and Diffusion Tensor Imaging for Differentiating High-Grade Glioma from Solitary Brain Metastasis: A Systematic Review and Meta-Analysis. American Journal of Neuroradiology, 2018, 39, 1208-1214.	2.4	34
46	Spontaneous and Unruptured Chronic Intracranial Artery Dissection. Clinical Neuroradiology, 2018, 28, 171-181.	1.9	23
47	Comparison of MRI and PET as Potential Surrogate Endpoints for Treatment Response After Stereotactic Radiosurgery in Patients With Brain Metastasis. American Journal of Roentgenology, 2018, 211, 1332-1341.	2.2	14
48	Joint approach of diffusion- and perfusion-weighted MRI in intra-axial mass like lesions in clinical practice simulation. PLoS ONE, 2018, 13, e0202891.	2.5	4
49	Clinically Relevant Imaging Features forMGMTPromoter Methylation in Multiple Glioblastoma Studies: A Systematic Review and Meta-Analysis. American Journal of Neuroradiology, 2018, 39, 1439-1445.	2.4	24
50	2-Hydroxyglutarate MR spectroscopy for prediction of isocitrate dehydrogenase mutant glioma: a systemic review and meta-analysis using individual patient data. Neuro-Oncology, 2018, 20, 1573-1583.	1.2	85
51	MRI Findings in Tumefactive Demyelinating Lesions: A Systematic Review and Meta-Analysis. American Journal of Neuroradiology, 2018, 39, 1643-1649.	2.4	51
52	Clinical impact of preoperative brain MR angiography and MR imaging in candidates for liver transplantation: a propensity score-matching study in a single institution. European Radiology, 2017, 27, 3532-3541.	4.5	6
53	Comparison of 3D magnetic resonance imaging and digital subtraction angiography for intracranial artery stenosis. European Radiology, 2017, 27, 4737-4746.	4.5	29
54	Intracranial Artery Steno-Occlusion: Diagnosis by Using Two-dimensional Spatially Selective Radiofrequency Excitation Pulse MR Imaging. Radiology, 2017, 284, 834-843.	7.3	6

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55	Differentiation of Recurrent Glioblastoma from Delayed Radiation Necrosis by Using Voxel-based Multiparametric Analysis of MR Imaging Data. Radiology, 2017, 285, 206-213.	7.3	18
56	Prognostic relevance of gemistocytic grade II astrocytoma: gemistocytic component and MR imaging features compared to non-gemistocytic grade II astrocytoma. European Radiology, 2017, 27, 3022-3032.	4.5	11
57	Visualization of Culprit Perforators in Anterolateral Pontine Infarction: High-Resolution Magnetic Resonance Imaging Study. European Neurology, 2017, 78, 229-233.	1.4	7
58	Differences in dynamic and static functional connectivity between young and elderly healthy adults. Neuroradiology, 2017, 59, 781-789.	2.2	24
59	Improved Diagnostic Accuracy of Alzheimer's Disease by Combining Regional Cortical Thickness and Default Mode Network Functional Connectivity: Validated in the Alzheimer's Disease Neuroimaging Initiative Set. Korean Journal of Radiology, 2017, 18, 983.	3.4	12
60	Perfusion of surgical cavity wall enhancement in early post-treatment MR imaging may stratify the time-to-progression in glioblastoma. PLoS ONE, 2017, 12, e0181933.	2.5	3
61	Joint approach based on clinical and imaging features to distinguish non-neoplastic from neoplastic pituitary stalk lesions. PLoS ONE, 2017, 12, e0187989.	2.5	9
62	Depiction of Acute Stroke Using 3-Tesla Clinical Amide Proton Transfer Imaging: Saturation Time Optimization Using an in vivo Rat Stroke Model, and a Preliminary Study in Human. Investigative Magnetic Resonance Imaging, 2017, 21, 65.	0.4	3
63	Up to 52 administrations of macrocyclic ionic MR contrast agent are not associated with intracranial gadolinium deposition: Multifactorial analysis in 385 patients. PLoS ONE, 2017, 12, e0183916.	2.5	27
64	Multidisciplinary Approach to Decrease In-Hospital Delay for Stroke Thrombolysis. Journal of Stroke, 2017, 19, 196-204.	3.2	24
65	Quantitative Analysis Using Highâ€Resolution 3T MRI in Acute Intracranial Artery Dissection. Journal of Neuroimaging, 2016, 26, 612-617.	2.0	18
66	Perfusion MRI as the predictive/prognostic and pharmacodynamic biomarkers in recurrent malignant glioma treated with bevacizumab: a systematic review and a time-to-event meta-analysis. Journal of Neuro-Oncology, 2016, 128, 185-194.	2.9	37
67	Metabolomic analysis of percutaneous fine-needle aspiration specimens of thyroid nodules: Potential application for the preoperative diagnosis of thyroid cancer. Scientific Reports, 2016, 6, 30075.	3.3	36
68	Comparison of High-Resolution MR Imaging and Digital Subtraction Angiography for the Characterization and Diagnosis of Intracranial Artery Disease. American Journal of Neuroradiology, 2016, 37, 2245-2250.	2.4	30
69	Endovascular Treatment of Intracranial Aneurysms in Patients With Autosomal Dominant Polycystic Kidney Disease. Neurosurgery, 2016, 78, 429-435.	1.1	10
70	The detectability of brain metastases using contrast-enhanced spin-echo or gradient-echo images: a systematic review and meta-analysis. Journal of Neuro-Oncology, 2016, 129, 363-371.	2.9	48
71	Simultaneous Endovascular Treatment of Ruptured Cerebral Aneurysms and Vasospasm. Korean Journal of Radiology, 2015, 16, 180.	3.4	9
72	Anomalous External Carotid Artery-Internal Carotid Artery Anastomosis in Two Patients with Proximal Internal Carotid Arterial Remnants. Korean Journal of Radiology, 2015, 16, 914.	3.4	13

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73	Vessel Wall Imaging of the Intracranial and Cervical Carotid Arteries. Journal of Stroke, 2015, 17, 238-255.	3.2	132
74	Polymeric Embolization Coil of Bilayered Polyvinyl Alcohol Strand for Therapeutic Vascular Occlusion: A Feasibility Study in Canine Experimental Vascular Models. Journal of Vascular and Interventional Radiology, 2015, 26, 117-123.	0.5	2
75	Three-dimensional fluid-attenuated inversion recovery sequence for visualisation of subthalamic nucleus for deep brain stimulation in Parkinsonâ€™s disease. Neuroradiology, 2015, 57, 929-935.	2.2	7
76	Contrast-Enhanced FLAIR (Fluid-Attenuated Inversion Recovery) for Evaluating Mild Traumatic Brain Injury. PLoS ONE, 2014, 9, e102229.	2.5	25