

Seung Chai Jung

List of Publications by Year in descending order

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Version: 2024-02-01

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	Vessel Wall Imaging of the Intracranial and Cervical Carotid Arteries. <i>Journal of Stroke</i> , 2015, 17, 238-255.	3.2	132
2	Imaging prediction of isocitrate dehydrogenase (IDH) mutation in patients with glioma: a systemic review and meta-analysis. <i>European Radiology</i> , 2019, 29, 745-758.	4.5	87
3	2-Hydroxyglutarate MR spectroscopy for prediction of isocitrate dehydrogenase mutant glioma: a systemic review and meta-analysis using individual patient data. <i>Neuro-Oncology</i> , 2018, 20, 1573-1583.	1.2	85
4	MRI Findings in Tumefactive Demyelinating Lesions: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1643-1649.	2.4	51
5	Identification of Early Response to Anti-Angiogenic Therapy in Recurrent Glioblastoma: Amide Proton Transfer-weighted and Perfusion-weighted MRI compared with Diffusion-weighted MRI. <i>Radiology</i> , 2020, 295, 397-406.	7.3	49
6	The detectability of brain metastases using contrast-enhanced spin-echo or gradient-echo images: a systematic review and meta-analysis. <i>Journal of Neuro-Oncology</i> , 2016, 129, 363-371.	2.9	48
7	Fully Automatic Segmentation of Acute Ischemic Lesions on Diffusion-Weighted Imaging Using Convolutional Neural Networks: Comparison with Conventional Algorithms. <i>Korean Journal of Radiology</i> , 2019, 20, 1275.	3.4	40
8	MRI as a diagnostic biomarker for differentiating primary central nervous system lymphoma from glioblastoma: A systematic review and meta-analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 560-572.	3.4	39
9	Perfusion MRI as a diagnostic biomarker for differentiating glioma from brain metastasis: a systematic review and meta-analysis. <i>European Radiology</i> , 2018, 28, 3819-3831.	4.5	38
10	Technical Performance of Two-Dimensional Shear Wave Elastography for Measuring Liver Stiffness: A Systematic Review and Meta-Analysis. <i>Korean Journal of Radiology</i> , 2019, 20, 880.	3.4	38
11	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. <i>Journal of Neuro-Oncology</i> , 2016, 128, 185-194.	2.9	37
12	Edoxaban Versus Dual Antiplatelet Therapy for Leaflet Thrombosis and Cerebral Thromboembolism After TAVR: The ADAPT-TAVR Randomized Clinical Trial. <i>Circulation</i> , 2022, 146, 466-479.	1.6	37
13	Metabolomic analysis of percutaneous fine-needle aspiration specimens of thyroid nodules: Potential application for the preoperative diagnosis of thyroid cancer. <i>Scientific Reports</i> , 2016, 6, 30075.	3.3	36
14	Diffusion-Weighted Imaging and Diffusion Tensor Imaging for Differentiating High-Grade Glioma from Solitary Brain Metastasis: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1208-1214.	2.4	34
15	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. <i>European Radiology</i> , 2018, 28, 2628-2638.	4.5	33
16	Comparison of High-Resolution MR Imaging and Digital Subtraction Angiography for the Characterization and Diagnosis of Intracranial Artery Disease. <i>American Journal of Neuroradiology</i> , 2016, 37, 2245-2250.	2.4	30
17	Deep-learning-based image quality enhancement of compressed sensing magnetic resonance imaging of vessel wall: comparison of self-supervised and unsupervised approaches. <i>Scientific Reports</i> , 2020, 10, 13950.	3.3	30
18	Comparison of 3D magnetic resonance imaging and digital subtraction angiography for intracranial artery stenosis. <i>European Radiology</i> , 2017, 27, 4737-4746.	4.5	29

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19	Amide proton transfer-weighted MRI in distinguishing high- and low-grade gliomas: a systematic review and meta-analysis. <i>Neuroradiology</i> , 2019, 61, 525-534.	2.2	28
20	False-Positive Measurement at 2-Hydroxyglutarate MR Spectroscopy in Isocitrate Dehydrogenase Wild-Type Glioblastoma: A Multifactorial Analysis. <i>Radiology</i> , 2019, 291, 752-762.	7.3	28
21	Amide proton transfer imaging seems to provide higher diagnostic performance in post-treatment high-grade gliomas than methionine positron emission tomography. <i>European Radiology</i> , 2018, 28, 3285-3295.	4.5	27
22	Up to 52 administrations of macrocyclic ionic MR contrast agent are not associated with intracranial gadolinium deposition: Multifactorial analysis in 385 patients. <i>PLoS ONE</i> , 2017, 12, e0183916.	2.5	27
23	Contrast-Enhanced FLAIR (Fluid-Attenuated Inversion Recovery) for Evaluating Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2014, 9, e102229.	2.5	25
24	High-Resolution Magnetic Resonance Imaging Using Compressed Sensing for Intracranial and Extracranial Arteries: Comparison with Conventional Parallel Imaging. <i>Korean Journal of Radiology</i> , 2019, 20, 487.	3.4	25
25	Perfusion CT for prediction of hemorrhagic transformation in acute ischemic stroke: a systematic review and meta-analysis. <i>European Radiology</i> , 2019, 29, 4077-4087.	4.5	25
26	Differences in dynamic and static functional connectivity between young and elderly healthy adults. <i>Neuroradiology</i> , 2017, 59, 781-789.	2.2	24
27	Clinically Relevant Imaging Features for <i>MGMT</i> Promoter Methylation in Multiple Glioblastoma Studies: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1439-1445.	2.4	24
28	Multidisciplinary Approach to Decrease In-Hospital Delay for Stroke Thrombolysis. <i>Journal of Stroke</i> , 2017, 19, 196-204.	3.2	24
29	Spontaneous and Unruptured Chronic Intracranial Artery Dissection. <i>Clinical Neuroradiology</i> , 2018, 28, 171-181.	1.9	23
30	The "Central Vein Sign" on T2*-weighted Images as a Diagnostic Tool in Multiple Sclerosis: A Systematic Review and Meta-analysis using Individual Patient Data. <i>Scientific Reports</i> , 2019, 9, 18188.	3.3	21
31	MRI for prediction of hemorrhagic transformation in acute ischemic stroke: a systematic review and meta-analysis. <i>Acta Radiologica</i> , 2020, 61, 964-972.	1.1	21
32	Quantitative Analysis Using High-Resolution 3T MRI in Acute Intracranial Artery Dissection. <i>Journal of Neuroimaging</i> , 2016, 26, 612-617.	2.0	18
33	Differentiation of Recurrent Glioblastoma from Delayed Radiation Necrosis by Using Voxel-based Multiparametric Analysis of MR Imaging Data. <i>Radiology</i> , 2017, 285, 206-213.	7.3	18
34	High-resolution magnetic resonance imaging of intracranial vessel walls: Comparison of 3D T1-weighted turbo spin echo with or without DANTE or iMSDE. <i>PLoS ONE</i> , 2019, 14, e0220603.	2.5	17
35	Primary Central Nervous System Lymphoma: Diagnostic Yield of Whole-Body CT and FDG PET/CT for Initial Systemic Imaging. <i>Radiology</i> , 2019, 292, 440-446.	7.3	17
36	Technical performance of shear wave elastography for measuring liver stiffness in pediatric and adolescent patients: a systematic review and meta-analysis. <i>European Radiology</i> , 2019, 29, 2560-2572.	4.5	15

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37	Repeatability of amide proton transfer-weighted signals in the brain according to clinical condition and anatomical location. <i>European Radiology</i> , 2020, 30, 346-356.	4.5	15
38	Comparison of MRI and PET as Potential Surrogate Endpoints for Treatment Response After Stereotactic Radiosurgery in Patients With Brain Metastasis. <i>American Journal of Roentgenology</i> , 2018, 211, 1332-1341.	2.2	14
39	Anomalous External Carotid Artery-Internal Carotid Artery Anastomosis in Two Patients with Proximal Internal Carotid Arterial Remnants. <i>Korean Journal of Radiology</i> , 2015, 16, 914.	3.4	13
40	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. <i>Korean Journal of Radiology</i> , 2017, 18, 983.	3.4	12
41	Stability of MRI radiomic features according to various imaging parameters in fast scanned T2-FLAIR for acute ischemic stroke patients. <i>Scientific Reports</i> , 2021, 11, 17143.	3.3	12
42	Prognostic relevance of gemistocytic grade II astrocytoma: gemistocytic component and MR imaging features compared to non-gemistocytic grade II astrocytoma. <i>European Radiology</i> , 2017, 27, 3022-3032.	4.5	11
43	Reliability of fast magnetic resonance imaging for acute ischemic stroke patients using a 1.5-T scanner. <i>European Radiology</i> , 2019, 29, 2641-2650.	4.5	11
44	Endovascular Treatment of Intracranial Aneurysms in Patients With Autosomal Dominant Polycystic Kidney Disease. <i>Neurosurgery</i> , 2016, 78, 429-435.	1.1	10
45	Reproducibility of radiomic features in SENSE and compressed SENSE: impact of acceleration factors. <i>European Radiology</i> , 2021, 31, 6457-6470.	4.5	10
46	A Multicenter Survey of Acute Stroke Imaging Protocols for Endovascular Thrombectomy. <i>Neurointervention</i> , 2021, 16, 20-28.	0.8	10
47	Simultaneous Endovascular Treatment of Ruptured Cerebral Aneurysms and Vasospasm. <i>Korean Journal of Radiology</i> , 2015, 16, 180.	3.4	9
48	Joint approach based on clinical and imaging features to distinguish non-neoplastic from neoplastic pituitary stalk lesions. <i>PLoS ONE</i> , 2017, 12, e0187989.	2.5	9
49	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. <i>BMJ Open</i> , 2021, 11, e042587.	1.9	9
50	Accuracy and precision of ultrasound shear wave elasticity measurements according to target elasticity and acquisition depth: A phantom study. <i>PLoS ONE</i> , 2019, 14, e0219621.	2.5	8
51	Pretreatment brain volumes can affect the effectiveness of deep brain stimulation in Parkinson's disease patients. <i>Scientific Reports</i> , 2020, 10, 22065.	3.3	8
52	Three-dimensional fluid-attenuated inversion recovery sequence for visualisation of subthalamic nucleus for deep brain stimulation in Parkinson's disease. <i>Neuroradiology</i> , 2015, 57, 929-935.	2.2	7
53	Visualization of Culprit Perforators in Anterolateral Pontine Infarction: High-Resolution Magnetic Resonance Imaging Study. <i>European Neurology</i> , 2017, 78, 229-233.	1.4	7
54	Sinus of Valsalva Thrombosis Detected on Computed Tomography after Transcatheter Aortic Valve Replacement. <i>Korean Circulation Journal</i> , 2020, 50, 572.	1.9	7

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55	Clinical impact of preoperative brain MR angiography and MR imaging in candidates for liver transplantation: a propensity score-matching study in a single institution. <i>European Radiology</i> , 2017, 27, 3532-3541.	4.5	6
56	Intracranial Artery Steno-Occlusion: Diagnosis by Using Two-dimensional Spatially Selective Radiofrequency Excitation Pulse MR Imaging. <i>Radiology</i> , 2017, 284, 834-843.	7.3	6
57	Amide proton transfer-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. <i>European Radiology</i> , 2019, 29, 4096-4104.	4.5	6
58	Neuroimaging in Randomized, Multi-Center Clinical Trials of Endovascular Treatment for Acute Ischemic Stroke: A Systematic Review. <i>Korean Journal of Radiology</i> , 2020, 21, 42.	3.4	6
59	Optimized Image-Based Surrogate Endpoints in Targeted Therapies for Glioblastoma: A Systematic Review and Meta-Analysis of Phase III Randomized Controlled Trials. <i>Korean Journal of Radiology</i> , 2020, 21, 471.	3.4	5
60	Joint approach of diffusion- and perfusion-weighted MRI in intra-axial mass like lesions in clinical practice simulation. <i>PLoS ONE</i> , 2018, 13, e0202891.	2.5	4
61	Intracranial aneurysms in patients receiving kidney transplantation for autosomal dominant polycystic kidney disease. <i>Acta Neurochirurgica</i> , 2019, 161, 2389-2396.	1.7	4
62	Perfusion of surgical cavity wall enhancement in early post-treatment MR imaging may stratify the time-to-progression in glioblastoma. <i>PLoS ONE</i> , 2017, 12, e0181933.	2.5	3
63	Depiction of Acute Stroke Using 3-Tesla Clinical Amide Proton Transfer Imaging: Saturation Time Optimization Using an <i>in vivo</i> Rat Stroke Model, and a Preliminary Study in Human. <i>Investigative Magnetic Resonance Imaging</i> , 2017, 21, 65.	0.4	3
64	Comparative Value of 2-Hydroxyglutarate-to-Lipid and Lactate Ratio versus 2-Hydroxyglutarate Concentration on MR Spectroscopic Images for Predicting Isocitrate Dehydrogenase Mutation Status in Gliomas. <i>Radiology Imaging Cancer</i> , 2020, 2, e190083.	1.6	3
65	Body CT and PET/CT detection of extracranial lymphoma in patients with newly diagnosed central nervous system lymphoma. <i>Neuro-Oncology</i> , 2022, 24, 482-491.	1.2	3
66	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. <i>PLoS ONE</i> , 2020, 15, e0243235.	2.5	3
67	Structural Changes of Intra and Extracranial Artery Dissection: a Study of High-Resolution Magnetic Resonance Imaging. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106302.	1.6	3
68	Polymeric Embolization Coil of Bilayered Polyvinyl Alcohol Strand for Therapeutic Vascular Occlusion: A Feasibility Study in Canine Experimental Vascular Models. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 117-123.	0.5	2
69	Fully automated segmentation on brain ischemic and white matter hyperintensities lesions using semantic segmentation networks with squeeze-and-excitation blocks in MRI. <i>Informatics in Medicine Unlocked</i> , 2020, 21, 100440.	3.4	2
70	Asian Oceanian Radiology Forum 2018: International Education of Radiology in Asian Oceanian Countries. <i>Korean Journal of Radiology</i> , 2020, 21, 125.	3.4	1
71	Neuroimaging in Acute Ischemic Stroke: Role and Recent Advances. <i>Journal of the Korean Society of Radiology</i> , 2019, 80, 1075.	0.2	0
72	Imaging Diagnosis. , 2021, , 135-164.		0

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73	Title is missing!. , 2020, 15, e0243235.		0
74	Title is missing!. , 2020, 15, e0243235.		0
75	Title is missing!.. , 2020, 15, e0243235.		0
76	Title is missing!.. , 2020, 15, e0243235.		0