

Max Wintermark

List of Publications by Year in descending order

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Version: 2024-02-01

541
papers

36,263
citations

5891

81
h-index

4338

173
g-index

562
all docs

562
docs citations

562
times ranked

31305
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of head computed tomography scoring systems in predicting outcomes for patients with moderate to severe traumatic brain injury: A ProTECT III ancillary study. <i>Neuroradiology Journal</i> , 2023, 36, 38-48.	0.6	4
2	Comparing blood biomarkers to clinical decision rules to select patients suspected of traumatic brain injury for head computed tomography. <i>Neuroradiology Journal</i> , 2023, 36, 68-75.	0.6	2
3	Changes in the Cerebello-Thalamo-Cortical Network After Magnetic Resonance-Guided Focused Ultrasound Thalamotomy. <i>Brain Connectivity</i> , 2023, 13, 28-38.	0.8	4
4	Diffuse Axonal Injury Grade on Early MRI is Associated with Worse Outcome in Children with Moderate-Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2022, 36, 492-503.	1.2	9
5	Magnetic Resonance Imaging of Cerebrovascular Diseases. , 2022, , 676-698.e10.		0
6	Cerebral venous outflow profiles are associated with the first pass effect in endovascular thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1056-1061.	2.0	9
7	CT Perfusion collateral index in assessment of collaterals in acute ischemic stroke with delayed presentation: Comparison to single phase CTA. <i>Journal of Neuroradiology</i> , 2022, 49, 198-204.	0.6	14
8	Cerebrovascular Collateral Integrity in Pediatric Large Vessel Occlusion. <i>Neurology</i> , 2022, 98, .	1.5	10
9	Venous outflow profiles are associated with early edema progression in ischemic stroke. <i>International Journal of Stroke</i> , 2022, 17, 1078-1084.	2.9	14
10	Factors Driving Resistance to Clinical Decision Support: Finding Inspiration in Radiology 3.0. <i>Journal of the American College of Radiology</i> , 2022, 19, 366-376.	0.9	4
11	Application of Deep Learning to Ischemic and Hemorrhagic Stroke Computed Tomography and Magnetic Resonance Imaging. <i>Seminars in Ultrasound, CT and MRI</i> , 2022, 43, 147-152.	0.7	9
12	Impact Analysis of Different CT Configurations of Carotid Artery Plaque Calcifications on Cerebrovascular Events. <i>American Journal of Neuroradiology</i> , 2022, 43, 272-279.	1.2	10
13	Comparison between 7 Tesla and 3 Tesla MRI for characterizing orbital lesions. <i>Diagnostic and Interventional Imaging</i> , 2022, 103, 433-439.	1.8	1
14	Cerebral Hypoperfusion Intensity Ratio Is Linked to Progressive Early Edema Formation. <i>Journal of Clinical Medicine</i> , 2022, 11, 2373.	1.0	9
15	The Cerebral Collateral Cascade. <i>Neurology</i> , 2022, 98, .	1.5	16
16	Association between Blood and Computed Tomographic Imaging Biomarkers in a Cohort of Mild Traumatic Brain Injury Patients. <i>Journal of Neurotrauma</i> , 2022, 39, 1329-1338.	1.7	5
17	Favourable arterial, tissue-level and venous collaterals correlate with early neurological improvement after successful thrombectomy treatment of acute ischaemic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 701-706.	0.9	15
18	Intravenous tPA (Tissue-Type Plasminogen Activator) Correlates With Favorable Venous Outflow Profiles in Acute Ischemic Stroke. <i>Stroke</i> , 2022, 53, 3145-3152.	1.0	13

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19	Benefit of Intravenous Alteplase before Thrombectomy Depends on <sc>ASPECTS</sc>. Annals of Neurology, 2022, 92, 588-595.	2.8	8
20	Novel imaging markers for altered cerebrovascular morphology in aging, stroke, and Alzheimer's disease. Journal of Neuroimaging, 2022, 32, 956-967.	1.0	4
21	International Union of Angiology (IUA) consensus paper on imaging strategies in atherosclerotic carotid artery imaging: From basic strategies to advanced approaches. Atherosclerosis, 2022, 354, 23-40.	0.4	22
22	Mind Over Magnets – How Magnetic Particle Imaging is Changing the Way We Think About the Future of Neuroscience. Neuroscience, 2021, 474, 100-109.	1.1	7
23	Supracardiac atherosclerosis in embolic stroke of undetermined source: the underestimated source. European Heart Journal, 2021, 42, 1789-1796.	1.0	39
24	Virtual monochromatic dual-energy CT reconstructions improve detection of cerebral infarct in patients with suspicion of stroke. Neuroradiology, 2021, 63, 41-49.	1.1	18
25	Imaging Predictors of Neurologic Outcome After Pediatric Arterial Ischemic Stroke. Stroke, 2021, 52, 152-161.	1.0	22
26	Blood Biomarkers for Detection of Brain Injury in COVID-19 Patients. Journal of Neurotrauma, 2021, 38, 1-43.	1.7	68
27	COVID-19-induced anosmia associated with olfactory bulb atrophy. Neuroradiology, 2021, 63, 147-148.	1.1	70
28	Demographics and clinical characteristics of acute traumatic brain injury patients in the different Neuroimaging Radiological Interpretation System (NIRIS) categories. Journal of Neuroradiology, 2021, 48, 104-111.	0.6	2
29	Multinational Survey of Current Practice from Imaging to Treatment of Atherosclerotic Carotid Stenosis. Cerebrovascular Diseases, 2021, 50, 108-120.	0.8	11
30	Correlation between ASPECTS and Core Volume on CT Perfusion: Impact of Time since Stroke Onset and Presence of Large-Vessel Occlusion. American Journal of Neuroradiology, 2021, 42, 422-428.	1.2	32
31	Shear Wave Elastography of Invasive Ductal Carcinoma: Correlations between Shear Wave Velocity and Histological Prognostic Factors. Current Medical Science, 2021, 41, 173-179.	0.7	1
32	Perfusion imaging-based tissue-level collaterals predict ischemic lesion net water uptake in patients with acute ischemic stroke and large vessel occlusion. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2199220.	2.4	30
33	Altered cerebral perfusion in response to chronic mild hypercapnia and head-down tilt Bed rest as an analog for Spaceflight. Neuroradiology, 2021, 63, 1271-1281.	1.1	11
34	Impact of Clot Shape on Successful M1 Endovascular Reperfusion. Frontiers in Neurology, 2021, 12, 642877.	1.1	8
35	Recommendations for Neuroradiology Training during Radiology Residency by the American Society of Neuroradiology Section Chiefs Leadership Group. American Journal of Neuroradiology, 2021, 42, E7-E9.	1.2	1
36	The Utility of Domain-Specific End Points in Acute Stroke Trials. Stroke, 2021, 52, 1154-1161.	1.0	13

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37	Does Carotid Artery Tortuosity Play a Role in Stroke?. Canadian Association of Radiologists Journal, 2021, 72, 084653712199105.	1.1	6
38	Intravoxel incoherent motion (IVIM) modeling of diffusion MRI during chemoradiation predicts therapeutic response in IDH wildtype glioblastoma. Radiotherapy and Oncology, 2021, 156, 258-265.	0.3	18
39	Viscoelasticity of children and adolescent brains through MR elastography. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104229.	1.5	16
40	Non-contrast dual-energy CT virtual ischemia maps accurately estimate ischemic core size in large-vessel occlusive stroke. Scientific Reports, 2021, 11, 6745.	1.6	10
41	ADC, D, f dataset calculated through the simplified IVIM model, with MGMT promoter methylation, age, and ECOG, in 38 patients with wildtype IDH glioblastoma. Data in Brief, 2021, 35, 106950.	0.5	3
42	Computed Tomography-Based Imaging Algorithms for Patient Selection in Acute Ischemic Stroke. Neuroimaging Clinics of North America, 2021, 31, 235-250.	0.5	3
43	Predicted Cost Savings Achieved by the Radiology Support, Communication and Alignment Network from Reducing Medical Imaging Overutilization in the Medicare Population. Journal of the American College of Radiology, 2021, 18, 704-712.	0.9	7
44	Cost-effectiveness of endovascular thrombectomy in patients with low Alberta Stroke Program Early CT Scores (< 6) at presentation. Journal of Neurosurgery, 2021, 135, 1645-1655.	0.9	5
45	Favorable Venous Outflow Profiles Correlate With Favorable Tissue-Level Collaterals and Clinical Outcome. Stroke, 2021, 52, 1761-1767.	1.0	46
46	Association of Venous Outflow Profiles and Successful Vessel Reperfusion After Thrombectomy. Neurology, 2021, 96, .	1.5	34
47	MR perfusion imaging: Half-dose gadolinium is half the quality. Journal of Neuroimaging, 2021, 31, 1014-1019.	1.0	0
48	Clinical Review of Computed Tomography and MR Perfusion Imaging in Neuro-Oncology. Radiologic Clinics of North America, 2021, 59, 323-334.	0.9	5
49	Venous Outflow Profiles Are Linked to Cerebral Edema Formation at Noncontrast Head CT after Treatment in Acute Ischemic Stroke Regardless of Collateral Vessel Status at CT Angiography. Radiology, 2021, 299, 682-690.	3.6	45
50	Roadmap Consensus on Carotid Artery Plaque Imaging and Impact on Therapy Strategies and Guidelines: An International, Multispecialty, Expert Review and Position Statement. American Journal of Neuroradiology, 2021, 42, 1566-1575.	1.2	25
51	Multicenter DSC-MRI-Based Radiomics Predict IDH Mutation in Gliomas. Cancers, 2021, 13, 3965.	1.7	25
52	Neuroradiologic Evaluation of MRI in High-Contact Sports. Frontiers in Neurology, 2021, 12, 701948.	1.1	5
53	Volume of White Matter Hyperintensities, and Cerebral Micro-Bleeds. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105905.	0.7	3
54	Distinct intra-arterial clot localization affects tissue-level collaterals and venous outflow profiles. European Journal of Neurology, 2021, 28, 4109-4116.	1.7	20

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55	Non-invasive, neurotoxic surgery reduces seizures in a rat model of temporal lobe epilepsy. <i>Experimental Neurology</i> , 2021, 343, 113761.	2.0	6
56	Automated Brain Perfusion Imaging in Acute Ischemic Stroke: Interpretation Pearls and Pitfalls. <i>Stroke</i> , 2021, 52, 3728-3738.	1.0	14
57	Distant histories of mild traumatic brain injury exacerbate age-related differences in white matter properties. <i>Neurobiology of Aging</i> , 2021, 107, 30-41.	1.5	2
58	Prediction of Clinical Outcome in Patients with Large-Vessel Acute Ischemic Stroke: Performance of Machine Learning versus SPAN-100. <i>American Journal of Neuroradiology</i> , 2021, 42, 240-246.	1.2	16
59	Nusinersen Treatment in Adults With Spinal Muscular Atrophy. <i>Neurology: Clinical Practice</i> , 2021, 11, e317-e327.	0.8	35
60	Automatic segmentation, feature extraction and comparison of healthy and stroke cerebral vasculature. <i>NeuroImage: Clinical</i> , 2021, 30, 102573.	1.4	22
61	A Web-based System to Assist With Etiology Differential Diagnosis in Children With Arterial Ischemic Stroke. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 253-257.	0.7	1
62	Cerebral Perfusion in Pediatric Stroke: Children Are Not Little Adults. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 245-252.	0.7	5
63	Natural language processing of head CT reports to identify intracranial mass effect: CTIME algorithm. <i>American Journal of Emergency Medicine</i> , 2021, 51, 388-392.	0.7	5
64	Noninvasive disconnection of targeted neuronal circuitry sparing axons of passage and nonneuronal cells. <i>Journal of Neurosurgery</i> , 2021, , 1-11.	0.9	1
65	Arterial-spin labeling MRI identifies residual cerebral arteriovenous malformation following stereotactic radiosurgery treatment. <i>Journal of Neuroradiology</i> , 2020, 47, 13-19.	0.6	21
66	Anatomic and Thermometric Analysis of Cranial Nerve Palsy after Laser Amygdalohippocampotomy for Mesial Temporal Lobe Epilepsy. <i>Operative Neurosurgery</i> , 2020, 18, 684-691.	0.4	5
67	Optimized Combination of b^* values for IVIM Perfusion Imaging in Acute Ischemic Stroke Patients. <i>Clinical Neuroradiology</i> , 2020, 30, 535-544.	1.0	6
68	Endovascular versus medical therapy for large-vessel anterior occlusive stroke presenting with mild symptoms. <i>International Journal of Stroke</i> , 2020, 15, 324-331.	2.9	29
69	Comparison of MRI IVIM and MR perfusion imaging in acute ischemic stroke due to large vessel occlusion. <i>International Journal of Stroke</i> , 2020, 15, 332-342.	2.9	20
70	White Matter Asymmetry: A Reflection of Pathology in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 373-381.	1.7	11
71	Seizures and Outcome One Year After Neonatal and Childhood Cerebral Sinovenous Thrombosis. <i>Pediatric Neurology</i> , 2020, 105, 21-26.	1.0	20
72	Eligibility for late endovascular treatment using DAWN, DEFUSE-3, and more liberal selection criteria in a stroke center. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 842-847.	2.0	28

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73	Computed Tomography Perfusion Data for Acute Ischemic Stroke Evaluation Using Rapid Software. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 75-77.	0.5	20
74	Effect of Electronic Clinical Decision Support on Imaging for the Evaluation of Acute Low Back Pain in the Ambulatory Care Setting. <i>World Neurosurgery</i> , 2020, 134, e874-e877.	0.7	11
75	The influence of the volumetric composition of the intracranial space on neural activity in healthy subjects: a resting-state functional magnetic resonance study. <i>European Journal of Neuroscience</i> , 2020, 51, 1944-1961.	1.2	6
76	Everything Every Radiologist Always Wanted (and Needs) to Know About Clinical Decision Support. <i>Journal of the American College of Radiology</i> , 2020, 17, 568-573.	0.9	11
77	Carotid plaque imaging and the risk of atherosclerotic cardiovascular disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1048-1067.	0.7	36
78	Artificial Intelligence and Stroke Imaging. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 479-492.	0.5	10
79	White-matter hyperintensities in patients with carotid artery stenosis: An exploratory connectometry study. <i>Neuroradiology Journal</i> , 2020, 33, 486-493.	0.6	7
80	Assessment of the Radiology Support, Communication and Alignment Network to Reduce Medical Imaging Overutilization: A Multipractice Cohort Study. <i>Journal of the American College of Radiology</i> , 2020, 17, 597-605.	0.9	7
81	MR elastography frequency-dependent and independent parameters demonstrate accelerated decrease of brain stiffness in elder subjects. <i>European Radiology</i> , 2020, 30, 6614-6623.	2.3	13
82	Collateral Status in Ischemic Stroke: A Comparison of Computed Tomography Angiography, Computed Tomography Perfusion, and Digital Subtraction Angiography. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 984-992.	0.5	22
83	Concurrent brain structural and functional alterations in patients with migraine without aura: an fMRI study. <i>Journal of Headache and Pain</i> , 2020, 21, 141.	2.5	29
84	Editorial: Posterior Reversible Encephalopathy Syndrome and Associated Diseases. <i>Frontiers in Neurology</i> , 2020, 11, 667.	1.1	2
85	Simultaneous FDG-PET/MRI detects hippocampal subfield metabolic differences in AD/MCI. <i>Scientific Reports</i> , 2020, 10, 12064.	1.6	12
86	Vessel Wall Imaging Biomarkers of Carotid Plaque Vulnerability in Stroke Prevention Trials. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2445-2456.	2.3	31
87	CT imaging features of carotid artery plaque vulnerability. <i>Annals of Translational Medicine</i> , 2020, 8, 1261-1261.	0.7	23
88	Can COVID19 trigger the plaque vulnerability—a Kounis syndrome warning for asymptomatic subjects? <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1352-1355.	0.7	13
89	Longitudinal alteration of cortical thickness and volume in high-impact sports. <i>NeuroImage</i> , 2020, 217, 116864.	2.1	17
90	What's new in imaging of acute stroke?. <i>Intensive Care Medicine</i> , 2020, 46, 1453-1456.	3.9	0

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91	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111257.	2.2	18
92	Safety and Effectiveness of Neuro-thrombectomy on Single compared to Biplane Angiography Systems. <i>Scientific Reports</i> , 2020, 10, 4470.	1.6	12
93	Effects of Non-invasive, Targeted, Neuronal Lesions on Seizures in a Mouse Model of Temporal Lobe Epilepsy. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 1224-1234.	0.7	9
94	Diffusion tensor tractography of brainstem fibers and its application in pain. <i>PLoS ONE</i> , 2020, 15, e0213952.	1.1	27
95	Brainstem atrophy in Gulf War Illness. <i>NeuroToxicology</i> , 2020, 78, 71-79.	1.4	23
96	From "Time is Brain" to "Imaging is Brain": A Paradigm Shift in the Management of Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2020, 30, 562-571.	1.0	56
97	Interobserver Agreement for the Computed Tomography Severity Grading Scales for Acute Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 1445-1451.	1.7	8
98	CT Angiography for Triage of Patients with Acute Minor Stroke: A Cost-effectiveness Analysis. <i>Radiology</i> , 2020, 294, 580-588.	3.6	25
99	Effect of Oxygen Extraction (Brush-Sign) on Baseline Core Infarct Depends on Collaterals (HIR). <i>Frontiers in Neurology</i> , 2020, 11, 618765.	1.1	7
100	Clinical Decision Support: Curse or Blessing?. <i>Journal of the American College of Radiology</i> , 2020, 17, 566-567.	0.9	2
101	CT Perfusion. , 2020, , 61-68.		0
102	Targeted Neuronal Injury for the Non-Invasive Disconnection of Brain Circuitry. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	1
103	Applications of Deep Learning to Neuro-Imaging Techniques. <i>Frontiers in Neurology</i> , 2019, 10, 869.	1.1	97
104	Application of FLAIR Vascular Hyperintensity-DWI Mismatch in Ischemic Stroke Depending on Semi-Quantitative DWI-Alberta Stroke Program Early CT Score. <i>Frontiers in Neurology</i> , 2019, 10, 994.	1.1	8
105	Automated CT perfusion imaging for acute ischemic stroke. <i>Neurology</i> , 2019, 93, 888-898.	1.5	133
106	Large-scale ensemble simulations of biomathematical brain arteriovenous malformation models using graphics processing unit computation. <i>Computers in Biology and Medicine</i> , 2019, 113, 103416.	3.9	5
107	Imaging of Atypical and Complicated Posterior Reversible Encephalopathy Syndrome. <i>Frontiers in Neurology</i> , 2019, 10, 964.	1.1	42
108	A Review of Magnetic Particle Imaging and Perspectives on Neuroimaging. <i>American Journal of Neuroradiology</i> , 2019, 40, 206-212.	1.2	133

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109	Collaterals are a major determinant of the core but not the penumbra volume in acute ischemic stroke. <i>Neuroradiology</i> , 2019, 61, 971-978.	1.1	27
110	Deep Learning Convolutional Neural Networks for the Automatic Quantification of Muscle Fat Infiltration Following Whiplash Injury. <i>Scientific Reports</i> , 2019, 9, 7973.	1.6	43
111	Common Data Elements for Radiological Imaging of Patients with Subarachnoid Hemorrhage: Proposal of a Multidisciplinary Research Group. <i>Neurocritical Care</i> , 2019, 30, 60-78.	1.2	17
112	Factors influencing infarct growth including collateral status assessed using computed tomography in acute stroke patients with large artery occlusion. <i>International Journal of Stroke</i> , 2019, 14, 603-612.	2.9	19
113	Optimization of a Multifrequency Magnetic Resonance Elastography Protocol for the Human Brain. <i>Journal of Neuroimaging</i> , 2019, 29, 440-446.	1.0	20
114	Neuroimaging selection for thrombectomy in pediatric stroke: a single-center experience. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 940-946.	2.0	33
115	Collateral blood flow measurement with intravoxel incoherent motion perfusion imaging in hyperacute brain stroke. <i>Neurology</i> , 2019, 92, e2462-e2471.	1.5	24
116	Longitudinal Changes in Hippocampal Subfield Volume Associated with Collegiate Football. <i>Journal of Neurotrauma</i> , 2019, 36, 2762-2773.	1.7	20
117	Proposed achievable levels of dose and impact of dose-reduction systems for thrombectomy in acute ischemic stroke: an international, multicentric, retrospective study in 1096 patients. <i>European Radiology</i> , 2019, 29, 3506-3515.	2.3	21
118	Hypoperfusion Intensity Ratio Is Correlated With Patient Eligibility for Thrombectomy. <i>Stroke</i> , 2019, 50, 917-922.	1.0	57
119	A statistical approach to identify optimal inclusion criteria: An application to acute stroke clinical trials. <i>Contemporary Clinical Trials Communications</i> , 2019, 14, 100355.	0.5	0
120	Stability of Blood Biomarkers of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 2407-2416.	1.7	15
121	Imaging biomarkers of vulnerable carotid plaques for stroke risk prediction and their potential clinical implications. <i>Lancet Neurology</i> , The, 2019, 18, 559-572.	4.9	279
122	Focal Hypoperfusion in Acute Ischemic Stroke Perfusion CT: Clinical and Radiologic Predictors and Accuracy for Infarct Prediction. <i>American Journal of Neuroradiology</i> , 2019, 40, 483-489.	1.2	8
123	Perfusion Computed Tomography in Acute Ischemic Stroke. <i>Radiologic Clinics of North America</i> , 2019, 57, 1109-1116.	0.9	10
124	Semiautomated Characterization of Carotid Artery Plaque Features From Computed Tomography Angiography to Predict Atherosclerotic Cardiovascular Disease Risk Score. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 452-459.	0.5	23
125	Validation of the NeuroImaging Radiological Interpretation System for Acute Traumatic Brain Injury. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 690-696.	0.5	9
126	Neuroimaging of Traumatic Brain Injury. <i>Medical Sciences (Basel, Switzerland)</i> , 2019, 7, 2.	1.3	37

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127	Variation of degree of stenosis quantification using different energy level with dual energy CT scanner. <i>Neuroradiology</i> , 2019, 61, 285-291.	1.1	7
128	Quantification of Macrophages in High-Grade Gliomas by Using Ferumoxytol-enhanced MRI: A Pilot Study. <i>Radiology</i> , 2019, 290, 198-206.	3.6	61
129	FDG PET/MRI Coregistration Helps Predict Response to Gamma Knife Radiosurgery in Patients With Brain Metastases. <i>American Journal of Roentgenology</i> , 2019, 212, 425-430.	1.0	11
130	Determining factors of better leptomeningeal collaterals: a study of 857 consecutive acute ischemic stroke patients. <i>Journal of Neurology</i> , 2019, 266, 582-588.	1.8	32
131	Macrovascular Networks on Contrast-Enhanced Magnetic Resonance Imaging Improves Survival Prediction in Newly Diagnosed Glioblastoma. <i>Cancers</i> , 2019, 11, 84.	1.7	4
132	Use of Gradient Boosting Machine Learning to Predict Patient Outcome in Acute Ischemic Stroke on the Basis of Imaging, Demographic, and Clinical Information. <i>American Journal of Roentgenology</i> , 2019, 212, 44-51.	1.0	75
133	Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings. <i>Journal of Neuroimaging</i> , 2019, 29, 119-125.	1.0	11
134	Testing Different Combinations of Acoustic Pressure and Doses of Quinolinic Acid for Induction of Focal Neuron Loss in Mice Using Transcranial Low-Intensity Focused Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 129-136.	0.7	3
135	Connectometry evaluation in patients undergoing carotid endarterectomy: an exploratory study. <i>Brain Imaging and Behavior</i> , 2019, 13, 1708-1718.	1.1	9
136	Reorganization of brain networks following carotid endarterectomy: an exploratory study using resting state functional connectivity with a focus on the changes in Default Mode Network connectivity. <i>European Journal of Radiology</i> , 2019, 110, 233-241.	1.2	16
137	Imaging Evaluation of the Adult Presenting With New-Onset Seizure. <i>American Journal of Roentgenology</i> , 2019, 212, 15-25.	1.0	15
138	Accuracy of detecting enlargement of aneurysms using different MRI modalities and measurement protocols. <i>Journal of Neurosurgery</i> , 2019, 130, 559-565.	0.9	12
139	Intracranial Hemorrhage Imaging. <i>Seminars in Ultrasound, CT and MRI</i> , 2018, 39, 441-456.	0.7	9
140	Neuroimaging Radiological Interpretation System for Acute Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2665-2672.	1.7	23
141	Deep learning enables reduced gadolinium dose for contrast-enhanced brain MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 330-340.	1.9	220
142	Reduced Intravoxel Incoherent Motion Microvascular Perfusion Predicts Delayed Cerebral Ischemia and Vasospasm After Aneurysm Rupture. <i>Stroke</i> , 2018, 49, 741-745.	1.0	16
143	Deep Learning in Neuroradiology. <i>American Journal of Neuroradiology</i> , 2018, 39, 1776-1784.	1.2	222
144	A review of potential applications of MR-guided focused ultrasound for targeting brain tumor therapy. <i>Neurosurgical Focus</i> , 2018, 44, E10.	1.0	38

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145	Resting-State Functional MRI: Everything That Nonexperts Have Always Wanted to Know. American Journal of Neuroradiology, 2018, 39, 1390-1399.	1.2	266
146	Closing the loop on impulsivity via nucleus accumbens delta-band activity in mice and man. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 192-197.	3.3	80
147	Double diffusion encoding MRI for the clinic. Magnetic Resonance in Medicine, 2018, 80, 507-520.	1.9	63
148	Carotid Artery Wall Imaging: Perspective and Guidelines from the ASNR Vessel Wall Imaging Study Group and Expert Consensus Recommendations of the American Society of Neuroradiology. American Journal of Neuroradiology, 2018, 39, E9-E31.	1.2	213
149	Can diffusion- and perfusion-weighted imaging alone accurately triage anterior circulation acute ischemic stroke patients to endovascular therapy?. Journal of NeuroInterventional Surgery, 2018, 10, 1132-1136.	2.0	13
150	Current Clinical State of Advanced Magnetic Resonance Imaging for Brain Tumor Diagnosis and Follow Up. Seminars in Roentgenology, 2018, 53, 45-61.	0.2	10
151	Comparison of MRI techniques for detecting microadenomas in Cushing's disease. Journal of Neurosurgery, 2018, 128, 1051-1057.	0.9	63
152	New developments in clinical ischemic stroke prevention and treatment and their imaging implications. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1533-1550.	2.4	10
153	Transcranial MRI-guided high-intensity focused ultrasound for treatment of essential tremor: A pilot study on the correlation between lesion size, lesion location, thermal dose, and clinical outcome. Journal of Magnetic Resonance Imaging, 2018, 48, 58-65.	1.9	43
154	Reducing Inappropriate Lumbar Spine MRI for Low Back Pain: Radiology Support, Communication and Alignment Network. Journal of the American College of Radiology, 2018, 15, 116-122.	0.9	23
155	Radiation dose and image quality of computed tomography of the supra-aortic arteries: A comparison between single-source and dual-source CT Scanners. Journal of Neuroradiology, 2018, 45, 136-141.	0.6	11
156	Early administration of pyrrolidine dithiocarbamate extends the therapeutic time window of tissue plasminogen activator in a male rat model of embolic stroke. Journal of Neuroscience Research, 2018, 96, 449-458.	1.3	3
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