

Kambiz Nael

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,777
citations

279798

23
h-index

315739

38
g-index

72
all docs

72
docs citations

72
times ranked

2752
citing authors

#	ARTICLE	IF	CITATIONS
1	Six-Minute Magnetic Resonance Imaging Protocol for Evaluation of Acute Ischemic Stroke. <i>Stroke</i> , 2014, 45, 1985-1991.	2.0	142
2	Automated CT perfusion imaging for acute ischemic stroke. <i>Neurology</i> , 2019, 93, 888-898.	1.1	133
3	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. <i>Neuroradiology</i> , 2017, 59, 343-351.	2.2	111
4	3 T Contrast-Enhanced Magnetic Resonance Angiography for Evaluation of the Intracranial Arteries. <i>Investigative Radiology</i> , 2006, 41, 799-805.	6.2	62
5	Dynamic 4D MRI for Characterization of Parathyroid Adenomas: Multiparametric Analysis. <i>American Journal of Neuroradiology</i> , 2015, 36, 2147-2152.	2.4	61
6	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , 2018, 49, 2353-2360.	2.0	61
7	Multiparametric MRI for Differentiation of Radiation Necrosis From Recurrent Tumor in Patients With Treated Glioblastoma. <i>American Journal of Roentgenology</i> , 2018, 210, 18-23.	2.2	56
8	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.	2.0	56
9	Supraaortic Arteries: Contrast-enhanced MR Angiography at 3.0 T—Highly Accelerated Parallel Acquisition for Improved Spatial Resolution over an Extended Field of View. <i>Radiology</i> , 2007, 242, 600-609.	7.3	52
10	High Spatial-Resolution CE-MRA of the Carotid Circulation With Parallel Imaging. <i>Investigative Radiology</i> , 2006, 41, 391-399.	6.2	49
11	High-Spatial-Resolution Whole-Body MR Angiography with High-Acceleration Parallel Acquisition and 32-Channel 3.0-T Unit: Initial Experience. <i>Radiology</i> , 2007, 242, 865-872.	7.3	46
12	MRA versus DSA for the follow-up imaging of intracranial aneurysms treated using endovascular techniques: a meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1009-1014.	3.3	45
13	Machine learning for semi-automated classification of glioblastoma, brain metastasis and central nervous system lymphoma using magnetic resonance advanced imaging. <i>Annals of Translational Medicine</i> , 2019, 7, 232-232.	1.7	44
14	3.0 Tesla High Spatial Resolution Contrast-Enhanced Magnetic Resonance Angiography (CE-MRA) of the Pulmonary Circulation. <i>Investigative Radiology</i> , 2007, 42, 392-398.	6.2	37
15	Quantitative Analysis of Hypoperfusion in Acute Stroke. <i>Stroke</i> , 2013, 44, 3090-3096.	2.0	35
16	Multistation Whole-Body High-Spatial-Resolution MR Angiography Using a 32-Channel MR System. <i>American Journal of Roentgenology</i> , 2007, 188, 529-539.	2.2	34
17	Intravoxel Incoherent Motion Metrics as Potential Biomarkers for Survival in Glioblastoma. <i>PLoS ONE</i> , 2016, 11, e0158887.	2.5	32
18	Three-Dimensional Cerebral Contrast-Enhanced Magnetic Resonance Venography at 3.0 Tesla. <i>Investigative Radiology</i> , 2006, 41, 763-768.	6.2	31

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19	Interval Change in Diffusion and Perfusion MRI Parameters for the Assessment of Pseudoprogression in Cerebral Metastases Treated With Stereotactic Radiation. <i>American Journal of Roentgenology</i> , 2018, 211, 168-175.	2.2	29
20	Automated ASPECTS in Acute Ischemic Stroke: A Comparative Analysis with CT Perfusion. <i>American Journal of Neuroradiology</i> , 2019, 40, 2033-2038.	2.4	29
21	High-Spatial-Resolution Contrast-Enhanced MR Angiography of Abdominal Arteries with Parallel Acquisition at 3.0 T: Initial Experience in 32 Patients. <i>American Journal of Roentgenology</i> , 2006, 187, W77-W85.	2.2	27
22	Time-Resolved MR Angiography in the Evaluation of Central Thoracic Venous Occlusive Disease. <i>American Journal of Roentgenology</i> , 2009, 192, 1731-1738.	2.2	27
23	Venous imaging-based biomarkers in acute ischaemic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 62-69.	1.9	27
24	Estimation of Ischemic Core Volume Using Computed Tomographic Perfusion. <i>Stroke</i> , 2018, 49, 2345-2352.	2.0	27
25	Multiparametric MRI for early identification of therapeutic response in recurrent glioblastoma treated with immune checkpoint inhibitors. <i>Neuro-Oncology</i> , 2020, 22, 1658-1666.	1.2	27
26	Imaging-based Selection for Endovascular Treatment in Stroke. <i>Radiographics</i> , 2019, 39, 1696-1713.	3.3	25
27	Tissue-Negative Transient Ischemic Attack: Is There a Role for Perfusion MRI?. <i>American Journal of Roentgenology</i> , 2016, 207, 157-162.	2.2	24
28	Multiparametric Magnetic Resonance Imaging for Prediction of Parenchymal Hemorrhage in Acute Ischemic Stroke After Reperfusion Therapy. <i>Stroke</i> , 2017, 48, 664-670.	2.0	24
29	MRI Radiomic Features to Predict IDH1 Mutation Status in Gliomas: A Machine Learning Approach using Gradient Tree Boosting. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8004.	4.1	22
30	Periprocedural Arterial Spin Labeling and Dynamic Susceptibility Contrast Perfusion in Detection of Cerebral Blood Flow in Patients With Acute Ischemic Syndrome. <i>Stroke</i> , 2013, 44, 664-670.	2.0	20
31	Postoperative outcomes following glioblastoma resection using a robot-assisted digital surgical exoscope: a case series. <i>Journal of Neuro-Oncology</i> , 2020, 148, 519-527.	2.9	19
32	Multiparametric MRI texture analysis in prediction of glioma biomarker status: added value of MR diffusion. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab051.	0.7	19
33	Cardiac MR Imaging: New Advances and Role of 3T. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2007, 15, 291-300.	1.1	18
34	Pulmonary MR perfusion at 3.0 Tesla using a blood pool contrast agent: Initial results in a swine model. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 66-72.	3.4	18
35	MR Perfusion to Determine the Status of Collaterals in Patients with Acute Ischemic Stroke: A Look Beyond Time Maps. <i>American Journal of Neuroradiology</i> , 2018, 39, 219-225.	2.4	18
36	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111257.	4.6	18

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37	4D“Dynamic Contrast-Enhanced MRI for Preoperative Localization in Patients with Primary Hyperparathyroidism. American Journal of Neuroradiology, 2020, 41, 522-528.	2.4	18
38	White Matter Ischemic Changes in Hyperacute Ischemic Stroke. Stroke, 2015, 46, 413-418.	2.0	17
39	High-permeability region size on perfusion CT predicts hemorrhagic transformation after intravenous thrombolysis in stroke. PLoS ONE, 2017, 12, e0188238.	2.5	15
40	Spine Oncology. Radiologic Clinics of North America, 2019, 57, 377-395.	1.8	15
41	Utility of preoperative meningioma consistency measurement with magnetic resonance elastography (MRE): a review. Neurosurgical Review, 2019, 42, 1-7.	2.4	15
42	MAGPI: A framework for maximum likelihood MR phase imaging using multiple receive coils. Magnetic Resonance in Medicine, 2016, 75, 1218-1231.	3.0	14
43	Predicting Motor Outcome in Acute Intracerebral Hemorrhage. American Journal of Neuroradiology, 2019, 40, 769-775.	2.4	14
44	Intra-domain task-adaptive transfer learning to determine acute ischemic stroke onset time. Computerized Medical Imaging and Graphics, 2021, 90, 101926.	5.8	14
45	CT Perfusion collateral index in assessment of collaterals in acute ischemic stroke with delayed presentation: Comparison to single phase CTA. Journal of Neuroradiology, 2022, 49, 198-204.	1.1	14
46	Magnetic Resonance Imaging of Acute Stroke. Magnetic Resonance Imaging Clinics of North America, 2016, 24, 293-304.	1.1	13
47	Amplified Flow Imaging (aFlow): A Novel MRI-Based Tool to Unravel the Coupled Dynamics Between the Human Brain and Cerebrovasculature. IEEE Transactions on Medical Imaging, 2020, 39, 4113-4123.	8.9	13
48	Defining Ischemic Core in Acute Ischemic Stroke Using CT Perfusion: A Multiparametric Bayesian-Based Model. American Journal of Neuroradiology, 2019, 40, 1491-1497.	2.4	12
49	Automated detection of critical findings in multi-parametric brain MRI using a system of 3D neural networks. Scientific Reports, 2021, 11, 6876.	3.3	12
50	Whole-Body Contrast-Enhanced Magnetic Resonance Angiography. Topics in Magnetic Resonance Imaging, 2007, 18, 127-134.	1.2	9
51	Tumoral and immune heterogeneity in an anti-PD-1-responsive glioblastoma: a case study. Journal of Physical Education and Sports Management, 2020, 6, a004762.	1.2	8
52	CD4-Positive T-Cell Primary Central Nervous System Lymphoma in an HIV Positive Patient. American Journal of Clinical Pathology, 2016, 145, 258-265.	0.7	7
53	MR phase imaging with bipolar acquisition. NMR in Biomedicine, 2017, 30, e3523.	2.8	7
54	Sequential Apparent Diffusion Coefficient for Assessment of Tumor Progression in Patients with Low-Grade Glioma. American Journal of Neuroradiology, 2018, 39, 1039-1046.	2.4	6

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55	Differential Subsampling with Cartesian Ordering for Ultrafast High-Resolution MRA in the Assessment of Intracranial Aneurysms. <i>Journal of Neuroimaging</i> , 2020, 30, 40-44.	2.0	6
56	A Radiologic Grading System for Assessing the Radiographic Outcome of Treatment in Lymphatic and Lymphatic-Venous Malformations of the Head and Neck. <i>American Journal of Neuroradiology</i> , 2021, 42, 1859-1864.	2.4	6
57	Addition of arterial spin-labelled MR perfusion to conventional brain MRI: clinical experience in a retrospective cohort study. <i>BMJ Open</i> , 2020, 10, e036785.	1.9	5
58	Vessel Wall MRI Enhancement in Noninflammatory Cerebral Amyloid Angiopathy. <i>American Journal of Neuroradiology</i> , 2020, 41, 446-448.	2.4	5
59	Detection of Acute Infarction on Non-Contrast-enhanced CT: Closing the Gap with MRI via Machine Learning. <i>Radiology</i> , 2020, 294, 645-646.	7.3	5
60	Macrovascular Networks on Contrast-Enhanced Magnetic Resonance Imaging Improves Survival Prediction in Newly Diagnosed Glioblastoma. <i>Cancers</i> , 2019, 11, 84.	3.7	4
61	GAMER MRI: Gated-attention mechanism ranking of multi-contrast MRI in brain pathology. <i>NeuroImage: Clinical</i> , 2021, 29, 102522.	2.7	4
62	Maximum Ambiguity Distance for Phase Imaging in Detection of Traumatic Cerebral Microbleeds: An Improvement over Current Imaging Practice. <i>American Journal of Neuroradiology</i> , 2020, 41, 2027-2033.	2.4	3
63	Trans-synaptic degeneration of the optic radiation from optic nerve atrophy. <i>Radiology Case Reports</i> , 2021, 16, 855-857.	0.6	3
64	Prospective Motion Correction for Brain MRI Using an External Tracking System. <i>Journal of Neuroimaging</i> , 2021, 31, 57-61.	2.0	2
65	Cardiovascular MRI at 3T. , 0, , 10-26.		2
66	Meningioma With Tyrosine-Rich Crystalloids: A Case Report and Review of the Literature. <i>International Journal of Surgical Pathology</i> , 2018, 26, 157-160.	0.8	1
67	Acute Ischemic Stroke. <i>Neuroimaging Clinics of North America</i> , 2021, 31, 177-192.	1.0	1
68	Primary Extranodal NK/T-Cell Lymphoma Presenting as Neurolymphomatosis Involving Multiple Cranial Nerves: A Case Report. <i>Acta Haematologica</i> , 2022, 145, 97-105.	1.4	1
69	Regional Parieto-occipital Hypoperfusion on Arterial Spin Labeling Associates with Major Depressive Disorder. <i>Open Neuroimaging Journal</i> , 2020, 13, 30-36.	0.2	1
70	Intrasellar herniation. <i>Neurology</i> , 2018, 91, 889-890.	1.1	0
71	Reply:. <i>American Journal of Neuroradiology</i> , 2020, 41, E29-E29.	2.4	0