Kambiz Nael

List of Publications by Year
in descending order

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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	Primary Extranodal NK/T-Cell Lymphoma Presenting as Neurolymphomatosis Involving Multiple Cranial Nerves: A Case Report. Acta Haematologica, 2022, 145, 97-105.	1.4	1
2	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
3	Prospective Motion Correction for Brain MRI Using an External Tracking System. Journal of Neuroimaging, 2021, 31, 57-61.	2.0	2
4	Multiparametric MRI texture analysis in prediction of glioma biomarker status: added value of MR diffusion. Neuro-Oncology Advances, 2021, 3, vdab051.	0.7	19
5	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
6	Trans-synaptic degeneration of the optic radiation from optic nerve atrophy. Radiology Case Reports, 2021, 16, 855-857.	0.6	3
7	Acute Ischemic Stroke. Neuroimaging Clinics of North America, 2021, 31, 177-192.	1.0	1
8	Intra-domain task-adaptive transfer learning to determine acute ischemic stroke onset time. Computerized Medical Imaging and Graphics, 2021, 90, 101926.	5.8	14
9	A Radiologic Grading System for Assessing the Radiographic Outcome of Treatment in Lymphatic and Lymphatic-Venous Malformations of the Head and Neck. American Journal of Neuroradiology, 2021, 42, 1859-1864.	2.4	6
10	GAMER MRI: Gated-attention mechanism ranking of multi-contrast MRI in brain pathology. NeuroImage: Clinical, 2021, 29, 102522.	2.7	4
11	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
12	Differential Subsampling with Cartesian Ordering for Ultrafast Highâ€Resolution MRA in the Assessment of Intracranial Aneurysms. Journal of Neuroimaging, 2020, 30, 40-44.	2.0	6
13	Maximum AmbiGuity Distance for Phase Imaging in Detection of Traumatic Cerebral Microbleeds: An Improvement over Current Imaging Practice. American Journal of Neuroradiology, 2020, 41, 2027-2033.	2.4	3
14	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
15	MRI Radiomic Features to Predict IDH1 Mutation Status in Gliomas: A Machine Learning Approach using Gradient Tree Boosting. International Journal of Molecular Sciences, 2020, 21, 8004.	4.1	22
16	Reply:. American Journal of Neuroradiology, 2020, 41, E29-E29.	2.4	0
17	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. Mechanisms of Ageing and Development, 2020, 189, 111257.	4.6	18
18	Addition of arterial spin-labelled MR perfusion to conventional brain MRI: clinical experience in a retrospective cohort study. BMJ Open, 2020, 10, e036785.	1.9	5

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19	Postoperative outcomes following glioblastoma resection using a robot-assisted digital surgical exoscope: a case series. Journal of Neuro-Oncology, 2020, 148, 519-527.	2.9	19
20	Multiparametric MRI for early identification of therapeutic response in recurrent glioblastoma treated with immune checkpoint inhibitors. Neuro-Oncology, 2020, 22, 1658-1666.	1.2	27
21	4Dâ€“Dynamic Contrast-Enhanced MRI for Preoperative Localization in Patients with Primary Hyperparathyroidism. American Journal of Neuroradiology, 2020, 41, 522-528.	2.4	18
22	Vessel Wall MRI Enhancement in Noninflammatory Cerebral Amyloid Angiopathy. American Journal of Neuroradiology, 2020, 41, 446-448.	2.4	5
23	From â€œTime is Brainâ€•to â€œImaging is Brainâ€• A Paradigm Shift in the Management of Acute Ischemic Stroke. Journal of Neuroimaging, 2020, 30, 562-571.	2.0	56
24	Detection of Acute Infarction on Nonâ€“Contrast-enhanced CT: Closing the Gap with MRI via Machine Learning. Radiology, 2020, 294, 645-646.	7.3	5
25	Regional Parieto-occipital Hypoperfusion on Arterial Spin Labeling Associates with Major Depressive Disorder. Open Neuroimaging Journal, 2020, 13, 30-36.	0.2	1
26	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
27	Automated CT perfusion imaging for acute ischemic stroke. Neurology, 2019, 93, 888-898.	1.1	133
28	Imaging-based Selection for Endovascular Treatment in Stroke. Radiographics, 2019, 39, 1696-1713.	3.3	25
29	Predicting Motor Outcome in Acute Intracerebral Hemorrhage. American Journal of Neuroradiology, 2019, 40, 769-775.	2.4	14
30	MRA versus DSA for the follow-up imaging of intracranial aneurysms treated using endovascular techniques: a meta-analysis. Journal of NeuroInterventional Surgery, 2019, 11, 1009-1014.	3.3	45
31	Automated ASPECTS in Acute Ischemic Stroke: A Comparative Analysis with CT Perfusion. American Journal of Neuroradiology, 2019, 40, 2033-2038.	2.4	29
32	Spine Oncology. Radiologic Clinics of North America, 2019, 57, 377-395.	1.8	15
33	Macrovascular Networks on Contrast-Enhanced Magnetic Resonance Imaging Improves Survival Prediction in Newly Diagnosed Glioblastoma. Cancers, 2019, 11, 84.	3.7	4
34	Utility of preoperative meningioma consistency measurement with magnetic resonance elastography (MRE): a review. Neurosurgical Review, 2019, 42, 1-7.	2.4	15
35	Machine learning for semiÂautomated classification of glioblastoma, brain metastasis and central nervous system lymphoma using magnetic resonance advanced imaging. Annals of Translational Medicine, 2019, 7, 232-232.	1.7	44
36	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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37	Interval Change in Diffusion and Perfusion MRI Parameters for the Assessment of Pseudoprogression in Cerebral Metastases Treated With Stereotactic Radiation. American Journal of Roentgenology, 2018, 211, 168-175.	2.2	29
38	Multiparametric MRI for Differentiation of Radiation Necrosis From Recurrent Tumor in Patients With Treated Glioblastoma. American Journal of Roentgenology, 2018, 210, 18-23.	2.2	56
39	Meningioma With Tyrosine-Rich Crystalloids: A Case Report and Review of the Literature. International Journal of Surgical Pathology, 2018, 26, 157-160.	0.8	1
40	MR Perfusion to Determine the Status of Collaterals in Patients with Acute Ischemic Stroke: A Look Beyond Time Maps. American Journal of Neuroradiology, 2018, 39, 219-225.	2.4	18
41	Intrasellar herniation. Neurology, 2018, 91, 889-890.	1.1	0
42	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. Stroke, 2018, 49, 2353-2360.	2.0	61
43	Estimation of Ischemic Core Volume Using Computed Tomographic Perfusion. Stroke, 2018, 49, 2345-2352.	2.0	27
44	MR phase imaging with bipolar acquisition. NMR in Biomedicine, 2017, 30, e3523.	2.8	7
45	Multiparametric Magnetic Resonance Imaging for Prediction of Parenchymal Hemorrhage in Acute Ischemic Stroke After Reperfusion Therapy. Stroke, 2017, 48, 664-670.	2.0	24
46	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. Neuroradiology, 2017, 59, 343-351.	2.2	111
47	Venous imaging-based biomarkers in acute ischaemic stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 62-69.	1.9	27
48	High-permeability region size on perfusion CT predicts hemorrhagic transformation after intravenous thrombolysis in stroke. PLoS ONE, 2017, 12, e0188238.	2.5	15
49	MAGPI: A framework for maximum likelihood MR phase imaging using multiple receive coils. Magnetic Resonance in Medicine, 2016, 75, 1218-1231.	3.0	14
50	Tissue-Negative Transient Ischemic Attack: Is There a Role for Perfusion MRI?. American Journal of Roentgenology, 2016, 207, 157-162.	2.2	24
51	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
52	Magnetic Resonance Imaging of Acute Stroke. Magnetic Resonance Imaging Clinics of North America, 2016, 24, 293-304.	1.1	13
53	Intravoxel Incoherent Motion Metrics as Potential Biomarkers for Survival in Glioblastoma. PLoS ONE, 2016, 11, e0158887.	2.5	32
54	Dynamic 4D MRI for Characterization of Parathyroid Adenomas: Multiparametric Analysis. American Journal of Neuroradiology, 2015, 36, 2147-2152.	2.4	61

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55	White Matter Ischemic Changes in Hyperacute Ischemic Stroke. Stroke, 2015, 46, 413-418.	2.0	17
56	Six-Minute Magnetic Resonance Imaging Protocol for Evaluation of Acute Ischemic Stroke. Stroke, 2014, 45, 1985-1991.	2.0	142
57	Quantitative Analysis of Hypoperfusion in Acute Stroke. Stroke, 2013, 44, 3090-3096.	2.0	35
58	Periprocedural Arterial Spin Labeling and Dynamic Susceptibility Contrast Perfusion in Detection of Cerebral Blood Flow in Patients With Acute Ischemic Syndrome. Stroke, 2013, 44, 664-670.	2.0	20
59	Time-Resolved MR Angiography in the Evaluation of Central Thoracic Venous Occlusive Disease. American Journal of Roentgenology, 2009, 192, 1731-1738.	2.2	27
60	Multistation Whole-Body High-Spatial-Resolution MR Angiography Using a 32-Channel MR System. American Journal of Roentgenology, 2007, 188, 529-539.	2.2	34
61	High-Spatial-Resolution Whole-Body MR Angiography with High-Acceleration Parallel Acquisition and 32-Channel 3.0-T Unit: Initial Experience. Radiology, 2007, 242, 865-872.	7.3	46
62	Supraaortic Arteries: Contrast-enhanced MR Angiography at 3.0 Tâ€"Highly Accelerated Parallel Acquisition for Improved Spatial Resolution over an Extended Field of View. Radiology, 2007, 242, 600-609.	7.3	52
63	3.0 Tesla High Spatial Resolution Contrast-Enhanced Magnetic Resonance Angiography (CE-MRA) of the Pulmonary Circulation. Investigative Radiology, 2007, 42, 392-398.	6.2	37
64	Whole-Body Contrast-Enhanced Magnetic Resonance Angiography. Topics in Magnetic Resonance Imaging, 2007, 18, 127-134.	1.2	9
65	Cardiac MR Imaging: New Advances and Role of 3T. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 291-300.	1.1	18
66	Pulmonary MR perfusion at 3.0 Tesla using a blood pool contrast agent: Initial results in a swine model. Journal of Magnetic Resonance Imaging, 2007, 25, 66-72.	3.4	18
67	3 T Contrast-Enhanced Magnetic Resonance Angiography for Evaluation of the Intracranial Arteries. Investigative Radiology, 2006, 41, 799-805.	6.2	62
68	High Spatial-Resolution CE-MRA of the Carotid Circulation With Parallel Imaging. Investigative Radiology, 2006, 41, 391-399.	6.2	49
69	Three-Dimensional Cerebral Contrast-Enhanced Magnetic Resonance Venography at 3.0 Tesla. Investigative Radiology, 2006, 41, 763-768.	6.2	31
70	High-Spatial-Resolution Contrast-Enhanced MR Angiography of Abdominal Arteries with Parallel Acquisition at 3.0 T: Initial Experience in 32 Patients. American Journal of Roentgenology, 2006, 187, W77-W85.	2.2	27
71	Cardiovascular MRI at 3T. , 0, , 10-26.		2