

# Richard McKinley

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,054  
citations

687220

13  
h-index

580701

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1698  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Quantitative Imaging Biomarker Supporting Radiological Assessment of Hippocampal Sclerosis Derived From Deep Learning-Based Segmentation of T1w-MRI. <i>Frontiers in Neurology</i> , 2022, 13, 812432.	1.1	5
2	Uncertainty-Driven Refinement of Tumor-Core Segmentation Using 3D-to-2D Networks with Label Uncertainty. <i>Lecture Notes in Computer Science</i> , 2021, , 401-411.	1.0	8
3	Simultaneous lesion and brain segmentation in multiple sclerosis using deep neural networks. <i>Scientific Reports</i> , 2021, 11, 1087.	1.6	51
4	Prediction of Tissue Damage Using a User-Independent Machine Learning Algorithm vs. Tmax Threshold Maps. <i>Clinical and Translational Neuroscience</i> , 2021, 5, 21.	0.4	0
5	Automatic detection of lesion load change in Multiple Sclerosis using convolutional neural networks with segmentation confidence. <i>NeuroImage: Clinical</i> , 2020, 25, 102104.	1.4	42
6	Direct cortical thickness estimation using deep learning-based anatomy segmentation and cortex parcellation. <i>Human Brain Mapping</i> , 2020, 41, 4804-4814.	1.9	33
7	Neural Network-derived Perfusion Maps for the Assessment of Lesions in Patients with Acute Ischemic Stroke. <i>Radiology: Artificial Intelligence</i> , 2019, 1, e190019.	3.0	13
8	Advanced MRI in acute stroke. <i>Neurology</i> , 2019, 92, 983-984.	1.5	2
9	Divide and Conquer: Stratifying Training Data by Tumor Grade Improves Deep Learning-Based Brain Tumor Segmentation. <i>Frontiers in Neuroscience</i> , 2019, 13, 1182.	1.4	13
10	Surface-Based Brain Morphometry for the Prediction of Fluid Intelligence in the Neurocognitive Prediction Challenge 2019. <i>Lecture Notes in Computer Science</i> , 2019, , 26-34.	1.0	1
11	Enhancing interpretability of automatically extracted machine learning features: application to a RBM-Random Forest system on brain lesion segmentation. <i>Medical Image Analysis</i> , 2018, 44, 228-244.	7.0	76
12	Stroke Lesion Outcome Prediction Based on MRI Imaging Combined With Clinical Information. <i>Frontiers in Neurology</i> , 2018, 9, 1060.	1.1	55
13	A Machine Learning Approach to Perfusion Imaging With Dynamic Susceptibility Contrast MR. <i>Frontiers in Neurology</i> , 2018, 9, 717.	1.1	33
14	Relating Acute Lesion Loads to Chronic Outcome in Ischemic Stroke—An Exploratory Comparison of Mismatch Patterns and Predictive Modeling. <i>Frontiers in Neurology</i> , 2018, 9, 737.	1.1	9
15	ISLES 2016 and 2017-Benchmarking Ischemic Stroke Lesion Outcome Prediction Based on Multispectral MRI. <i>Frontiers in Neurology</i> , 2018, 9, 679.	1.1	117
16	Improving labeling efficiency in automatic quality control of MRSI data. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2399-2405.	1.9	13
17	Fully automated stroke tissue estimation using random forest classifiers (FASTER). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2728-2741.	2.4	72
18	ISLES 2015 - A public evaluation benchmark for ischemic stroke lesion segmentation from multispectral MRI. <i>Medical Image Analysis</i> , 2017, 35, 250-269.	7.0	360

#	ARTICLE	IF	CITATIONS
19	A Fully Automated Pipeline for Normative Atrophy in Patients with Neurodegenerative Disease. <i>Frontiers in Neurology</i> , 2017, 8, 727.	1.1	13
20	Relevance of the cerebral collateral circulation in ischaemic stroke: time is brain, but collaterals set the pace. <i>Swiss Medical Weekly</i> , 2017, 147, w14538.	0.8	46
21	Automatic quality control in clinical <sup>1</sup> H MRSI of brain cancer. <i>NMR in Biomedicine</i> , 2016, 29, 563-575.	1.6	28
22	Segmenting the Ischemic Penumbra: A Decision Forest Approach with Automatic Threshold Finding. <i>Lecture Notes in Computer Science</i> , 2016, , 275-283.	1.0	9
23	Nabla-net: A Deep Dag-Like Convolutional Architecture for Biomedical Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2016, , 119-128.	1.0	24
24	Canonical proof nets for classical logic. <i>Annals of Pure and Applied Logic</i> , 2013, 164, 702-732.	0.3	3
25	Proof Nets for Herbrand's Theorem. <i>ACM Transactions on Computational Logic</i> , 2013, 14, 1-31.	0.7	11
26	Soft Linear Set Theory. <i>The Journal of Logic and Algebraic Programming</i> , 2008, 76, 226-245.	1.4	2
27	An Algorithmic Interpretation of a Deep Inference System. <i>Lecture Notes in Computer Science</i> , 2008, , 482-496.	1.0	9
28	Robustness of Simultaneous Lesion and Neuroanatomy Segmentation in Multiple Sclerosis Using Deep Neural Networks. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6