

# Markus D Schirmer

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

778  
citations

471509

17  
h-index

610901

24  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1008  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-specific lesion pattern of functional outcomes after stroke. <i>Brain Communications</i> , 2022, 4, fcac020.	3.3	8
2	L'âge cérébral radiomique prédit le pronostic fonctionnel après un AVC ischémique. <i>Journal of Neuroradiology</i> , 2022, 49, 110-111.	1.1	0
3	Relation Between Sex, Menopause, and White Matter Hyperintensities. <i>Neurology</i> , 2022, 99, .	1.1	31
4	Association of Stroke Lesion Pattern and White Matter Hyperintensity Burden With Stroke Severity and Outcome. <i>Neurology</i> , 2022, 99, .	1.1	12
5	Infarct Growth despite Endovascular Thrombectomy Recanalization in Large Vessel Occlusive Stroke. <i>Journal of Neuroimaging</i> , 2021, 31, 155-164.	2.0	29
6	Abstract MP16: Excessive White Matter Hyperintensity Burden and Functional Outcomes After Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, .	2.0	0
7	Abstract 10: Radiomic Signature of the White Matter Hyperintensity Burden Correlates With Clinical Phenotypes. <i>Stroke</i> , 2021, 52, .	2.0	2
8	Abstract P613: Genetic Risk of Vascular Risk Factors and Severity of Leukoaraiosis in Patients With Ischemic Stroke: The MRI-GENIE Study. <i>Stroke</i> , 2021, 52, .	2.0	0
9	Peak Width of Skeletonized Mean Diffusivity as Neuroimaging Biomarker in Cerebral Amyloid Angiopathy. <i>American Journal of Neuroradiology</i> , 2021, 42, 875-881.	2.4	21
10	Abnormal dynamic functional connectivity is linked to recovery after acute ischemic stroke. <i>Human Brain Mapping</i> , 2021, 42, 2278-2291.	3.6	40
11	Abstract P317: White Matter Hyperintensity Lesion Burden Modulates Functional Outcome After Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, .	2.0	0
12	White Matter Acute Infarct Volume After Thrombectomy for Anterior Circulation Large Vessel Occlusion Stroke is Associated with Long Term Outcomes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105567.	1.6	28
13	Abstract P323: Stroke Lesion Pattern-Specific Influence of White Matter Hyperintensities on Stroke Severity in Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, .	2.0	0
14	Neuropsychiatric disease classification using functional connectomics - results of the connectomics in neuroimaging transfer learning challenge. <i>Medical Image Analysis</i> , 2021, 70, 101972.	11.6	17
15	Outcome after acute ischemic stroke is linked to sex-specific lesion patterns. <i>Nature Communications</i> , 2021, 12, 3289.	12.8	50
16	MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. <i>Frontiers in Neuroscience</i> , 2021, 15, 691244.	2.8	12
17	Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 700616.	2.4	11
18	Endovascular Treatment for Acute Stroke in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2021, 52, e581-e585.	2.0	2

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19	Detailed phenotyping of posterior vs. anterior circulation ischemic stroke: a multi-center MRI study. <i>Journal of Neurology</i> , 2020, 267, 649-658.	3.6	28
20	Effects of White Matter Hyperintensities on 90-Day Functional Outcome after Large Vessel and Non-Large Vessel Stroke. <i>Cerebrovascular Diseases</i> , 2020, 49, 419-426.	1.7	7
21	White matter hyperintensity burden in acute stroke patients differs by ischemic stroke subtype. <i>Neurology</i> , 2020, 95, e79-e88.	1.1	34
22	Brain Volume: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. <i>Mayo Clinic Proceedings</i> , 2020, 95, 955-965.	3.0	18
23	Diffusion-Weighted Imaging, MR Angiography, and Baseline Data in a Systematic Multicenter Analysis of 3,301 MRI Scans of Ischemic Stroke Patientsâ€™Neuroradiological Review Within the MRI-GENIE Study. <i>Frontiers in Neurology</i> , 2020, 11, 577.	2.4	5
24	Multi-atlas image registration of clinical data with automated quality assessment using ventricle segmentation. <i>Medical Image Analysis</i> , 2020, 63, 101698.	11.6	25
25	Abstract 28: Genetic Variants From Lysine-Specific Demethylase 4C (KDM4C) Associated With White Matter Hyperintensity Burden in Ischemic Stroke Patients. <i>Stroke</i> , 2020, 51, .	2.0	0
26	Predictors for Late Post-Intracerebral Hemorrhage Dementia in Patients with Probable Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 435-442.	2.6	9
27	Network structural dependency in the human connectome across the life-span. <i>Network Neuroscience</i> , 2019, 3, 792-806.	2.6	9
28	Brain Connectivity Measures Improve Modeling of Functional Outcome After Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 2761-2767.	2.0	24
29	Rich-Club Organization: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 956.	2.4	23
30	Big Data Approaches to Phenotyping Acute Ischemic Stroke Using Automated Lesion Segmentation of Multi-Center Magnetic Resonance Imaging Data. <i>Stroke</i> , 2019, 50, 1734-1741.	2.0	52
31	White matter hyperintensity quantification in large-scale clinical acute ischemic stroke cohorts â€™The MRI-GENIE study. <i>NeuroImage: Clinical</i> , 2019, 23, 101884.	2.7	48
32	<sup>68</sup> Ga-NODAGA-Indole: An Allysine-Reactive Positron Emission Tomography Probe for Molecular Imaging of Pulmonary Fibrogenesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 5593-5596.	13.7	23
33	Spatial Signature of White Matter Hyperintensities in Stroke Patients. <i>Frontiers in Neurology</i> , 2019, 10, 208.	2.4	33
34	Effective Reserve: A Latent Variable to Improve Outcome Prediction in Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 63-69.	1.6	10
35	Heat Kernels with Functional Connectomes Reveal Atypical Energy Transport in Peripheral Subnetworks in Autism. <i>Lecture Notes in Computer Science</i> , 2019, , 54-63.	1.3	3
36	Patient-Specific Conditional Joint Models of Shape, Image Features and Clinical Indicators. <i>Lecture Notes in Computer Science</i> , 2019, 11767, 93-101.	1.3	2

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37	Network Dependency Index Stratified Subnetwork Analysis of Functional Connectomes: An Application to Autism. Lecture Notes in Computer Science, 2019, , 126-137.	1.3	1
38	Journal Club: Florbetapir imaging in cerebral amyloid angiopathy-related hemorrhages. Neurology, 2018, 91, 574-577.	1.1	7
39	Structural Subnetwork Evolution Across the Life-Span: Rich-Club, Feeder, Seeder. Lecture Notes in Computer Science, 2018, , 136-145.	1.3	6
40	Abstract WMP56: Genetics of Acute Ischemic Lesion Volume: the MRI-Genetics Interface Exploration (MRI-GENIE) Study. Stroke, 2018, 49, .	2.0	0
41	Design and rationale for examining neuroimaging genetics in ischemic stroke. Neurology: Genetics, 2017, 3, e180.	1.9	35
42	A flexible graphical model for multi-modal parcellation of the cortex. NeuroImage, 2017, 162, 226-248.	4.2	7
43	Notice of Removal: Automated super-resolution image processing in ultrasound using machine learning. , 2017, , .		0
44	Characterising brain network topologies: A dynamic analysis approach using heat kernels. NeuroImage, 2016, 141, 490-501.	4.2	29
45	GraMPa: Graph-Based Multi-modal Parcellation of the Cortex Using Fusion Moves. Lecture Notes in Computer Science, 2016, , 148-156.	1.3	6
46	Real-Time Two-Dimensional Spatiotemporal Terahertz Imaging Based on Noncollinear Free-Space Electrooptic Sampling and Application to Functional Terahertz Imaging of Moving Object. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 8600110-8600110.	2.9	4
47	Normalisation of Neonatal Brain Network Measures Using Stochastic Approaches. Lecture Notes in Computer Science, 2013, 16, 574-581.	1.3	2
48	Biomedical applications of a real-time terahertz color scanner. Biomedical Optics Express, 2010, 1, 354.	2.9	56