

Stefanie Schreiber

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,033
citations

279701

23
h-index

302012

39
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117
all docs

117
docs citations

117
times ranked

3150
citing authors

#	ARTICLE	IF	CITATIONS
1	The Boston criteria version 2.0 for cerebral amyloid angiopathy: a multicentre, retrospective, MRI- β neuro pathology diagnostic accuracy study. <i>Lancet Neurology</i> , The, 2022, 21, 714-725.	4.9	168
2	Blood brain barrier breakdown as the starting point of cerebral small vessel disease? - New insights from a rat model. <i>Experimental & Translational Stroke Medicine</i> , 2013, 5, 4.	3.2	121
3	The Cerebrovascular Basement Membrane: Role in the Clearance of β -amyloid and Cerebral Amyloid Angiopathy. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 251.	1.7	97
4	Hippocampal vascular reserve associated with cognitive performance and hippocampal volume. <i>Brain</i> , 2020, 143, 622-634.	3.7	81
5	The Pathologic Cascade of Cerebrovascular Lesions in SHRSP: Is Erythrocyte Accumulation an Early Phase?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 278-290.	2.4	75
6	Sonography of the median nerve in CMT1A, CMT2A, CMTX, and HNPP. <i>Muscle and Nerve</i> , 2013, 47, 385-395.	1.0	69
7	Mitofusin 2 mutations affect mitochondrial function by mitochondrial DNA depletion. <i>Acta Neuropathologica</i> , 2013, 125, 245-256.	3.9	65
8	Quantitative Susceptibility MRI to Detect Brain Iron in Amyotrophic Lateral Sclerosis. <i>Radiology</i> , 2018, 289, 195-203.	3.6	61
9	Comparison of Visual and Quantitative Florbetapir F 18 Positron Emission Tomography Analysis in Predicting Mild Cognitive Impairment Outcomes. <i>JAMA Neurology</i> , 2015, 72, 1183.	4.5	57
10	Peripheral nerve ultrasound in amyotrophic lateral sclerosis phenotypes. <i>Muscle and Nerve</i> , 2015, 51, 669-675.	1.0	55
11	Structural and diffusion imaging versus clinical assessment to monitor amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2016, 11, 408-414.	1.4	51
12	Significance of CSF NfL and tau in ALS. <i>Journal of Neurology</i> , 2018, 265, 2633-2645.	1.8	45
13	Cytosolic, but not matrix, calcium is essential for adjustment of mitochondrial pyruvate supply. <i>Journal of Biological Chemistry</i> , 2020, 295, 4383-4397.	1.6	43
14	Quantifying disease progression in amyotrophic lateral sclerosis using peripheral nerve sonography. <i>Muscle and Nerve</i> , 2016, 54, 391-397.	1.0	40
15	Interplay Between Age, Cerebral Small Vessel Disease, Parenchymal Amyloid- β , and Tau Pathology: Longitudinal Studies in Hypertensive Stroke-Prone Rats. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S205-S215.	1.2	39
16	Advancing diagnostic criteria for sporadic cerebral amyloid angiopathy: Study protocol for a multicenter MRI-pathology validation of Boston criteria v2.0. <i>International Journal of Stroke</i> , 2019, 14, 956-971.	2.9	39
17	Vascular basement membrane alterations and β -amyloid accumulations in an animal model of cerebral small vessel disease. <i>Clinical Science</i> , 2017, 131, 1001-1013.	1.8	38
18	Hypertension drives parenchymal β -amyloid accumulation in the brain parenchyma. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 124-129.	1.7	37

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19	Loss of corticospinal tract integrity in early MS disease stages. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e399.	3.1	37
20	Independent risk factors for myasthenic crisis and disease exacerbation in a retrospective cohort of myasthenia gravis patients. <i>Journal of Neuroinflammation</i> , 2022, 19, 89.	3.1	37
21	Hypercholesterolemia induced cerebral small vessel disease. <i>PLoS ONE</i> , 2017, 12, e0182822.	1.1	34
22	The association between hypertensive arteriopathy and cerebral amyloid angiopathy in spontaneously hypertensive stroke-prone rats. <i>Brain Pathology</i> , 2018, 28, 844-859.	2.1	31
23	Invited Review: The spectrum of age-related small vessel diseases: potential overlap and interactions of amyloid and nonamyloid vasculopathies. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 219-239.	1.8	29
24	Interplay between perivascular and perineuronal extracellular matrix remodelling in neurological and psychiatric diseases. <i>European Journal of Neuroscience</i> , 2021, 53, 3811-3830.	1.2	26
25	Stases are associated with blood-brain barrier damage and a restricted activation of coagulation in SHRSP. <i>Journal of the Neurological Sciences</i> , 2012, 322, 71-76.	0.3	25
26	Amyotrophic lateral sclerosis patients show increased peripheral and intrathecal T-cell activation. <i>Brain Communications</i> , 2021, 3, fcab157.	1.5	25
27	Kidney Pathology Precedes and Predicts the Pathological Cascade of Cerebrovascular Lesions in Stroke Prone Rats. <i>PLoS ONE</i> , 2011, 6, e26287.	1.1	25
28	Increased density of GAD65/67 immunoreactive neurons in the posterior subiculum and parahippocampal gyrus in treated patients with chronic schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 57-65.	1.3	24
29	Alzheimer Disease Signature Neurodegeneration and <i>APOE</i> Genotype in Mild Cognitive Impairment With Suspected Non-Alzheimer Disease Pathophysiology. <i>JAMA Neurology</i> , 2017, 74, 650.	4.5	24
30	Impact of lifestyle dimensions on brain pathology and cognition. <i>Neurobiology of Aging</i> , 2016, 40, 164-172.	1.5	23
31	CSF Neurofilament Light Chain Levels in Primary Progressive MS: Signs of Axonal Neurodegeneration. <i>Frontiers in Neurology</i> , 2018, 9, 1037.	1.1	22
32	Peripheral nerve imaging in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2020, 131, 2315-2326.	0.7	22
33	Assessment of Cortical Hemodynamics by Multichannel Near-Infrared Spectroscopy in Steno-Occlusive Disease of the Middle Cerebral Artery. <i>Stroke</i> , 2012, 43, 2980-2985.	1.0	21
34	CSF-Progranulin and Neurofilament Light Chain Levels in Patients With Radiologically Isolated Syndrome—Sign of Inflammation. <i>Frontiers in Neurology</i> , 2018, 9, 1075.	1.1	21
35	Toward <i>in vivo</i> determination of peripheral nervous system immune activity in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2019, 59, 567-576.	1.0	21
36	Simultaneous Occurrence and Interaction of Hypoperfusion and Embolism in a Patient With Severe Middle Cerebral Artery Stenosis. <i>Stroke</i> , 2009, 40, e478-80.	1.0	20

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37	Risk of wound hematoma at carotid endarterectomy under dual antiplatelet therapy. <i>Langenbeck's Archives of Surgery</i> , 2012, 397, 1275-1282.	0.8	20
38	Microbleeds in cerebral small vessel disease. <i>Lancet Neurology</i> , The, 2013, 12, 735-736.	4.9	19
39	Detection of Cerebral Microbleeds With Venous Connection at 7-Tesla MRI. <i>Neurology</i> , 2021, 96, e2048-e2057.	1.5	19
40	Eculizumab versus rituximab in generalised myasthenia gravis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 548-554.	0.9	19
41	Early microvascular dysfunction in cerebral small vessel disease is not detectable on 3.0 Tesla magnetic resonance imaging: a longitudinal study in spontaneously hypertensive stroke-prone rats. <i>Experimental & Translational Stroke Medicine</i> , 2013, 5, 8.	3.2	18
42	Peripheral nerve atrophy together with higher cerebrospinal fluid progranulin indicate axonal damage in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2018, 57, 273-278.	1.0	17
43	Intravital imaging in spontaneously hypertensive stroke-prone rats-a pilot study. <i>Experimental & Translational Stroke Medicine</i> , 2014, 6, 1.	3.2	16
44	Impairment of mitochondrial oxidative phosphorylation in skin fibroblasts of SALS and FALS patients is rescued by in vitro treatment with ROS scavengers. <i>Experimental Neurology</i> , 2021, 339, 113620.	2.0	16
45	Common Impact of Chronic Kidney Disease and Brain Microhemorrhages on Cerebral A β Pathology in SHRSP. <i>Brain Pathology</i> , 2017, 27, 169-180.	2.1	14
46	Longitudinal clinical and neuroanatomical correlates of memory impairment in motor neuron disease. <i>NeuroImage: Clinical</i> , 2021, 29, 102545.	1.4	13
47	Natalizumab-associated central nervous system lymphoma? - Another patient. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1653-1654.	1.4	11
48	Sonographic and 3T-MRI-based evaluation of the tongue in ALS. <i>NeuroImage: Clinical</i> , 2020, 26, 102233.	1.4	11
49	Differential involvement of forearm muscles in ALS does not relate to sonographic structural nerve alterations. <i>Clinical Neurophysiology</i> , 2018, 129, 1438-1443.	0.7	9
50	Topographical layer imaging as a tool to track neurodegenerative disease spread in M1. <i>Nature Reviews Neuroscience</i> , 2021, 22, 68-69.	4.9	9
51	Hippocampal vascularization patterns exert local and distant effects on brain structure but not vascular pathology in old age. <i>Brain Communications</i> , 2021, 3, fcab127.	1.5	9
52	NAC changes the course of cerebral small vessel disease in SHRSP and reveals new insights for the meaning of stases - a randomized controlled study. <i>Experimental & Translational Stroke Medicine</i> , 2013, 5, 5.	3.2	8
53	Dyspnea in amyotrophic lateral sclerosis: The Dyspnea-ALS-Scale (DAL5-15) essentially contributes to the diagnosis of respiratory impairment. <i>Respiratory Medicine</i> , 2019, 154, 116-121.	1.3	8
54	AANEM & IFCN glossary of terms in neuromuscular electrodiagnostic medicine and ultrasound. <i>Clinical Neurophysiology</i> , 2020, 131, 1662-1663.	0.7	8

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55	Dyspnea as a Fatigue-Promoting Factor in ALS and the Role of Objective Indicators of Respiratory Impairment. <i>Journal of Pain and Symptom Management</i> , 2020, 60, 430-438.e1.	0.6	8
56	Acute symptomatic extracranial internal carotid occlusion – natural course and clinical impact. <i>Vasa - European Journal of Vascular Medicine</i> , 2020, 49, 31-38.	0.6	8
57	Brevican and Neurocan Cleavage Products in the Cerebrospinal Fluid - Differential Occurrence in ALS, Epilepsy and Small Vessel Disease. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 838432.	1.8	8
58	Bilateral posterior RION after concomitant radiochemotherapy with temozolomide in a patient with glioblastoma multiforme: a case report. <i>BMC Cancer</i> , 2010, 10, 520.	1.1	7
59	<scp>AANEM</scp> – <scp>IFCN</scp> Glossary of Terms in Neuromuscular Electrodiagnostic Medicine and Ultrasound. <i>Muscle and Nerve</i> , 2020, 62, 10-12.	1.0	7
60	The upper cervical spinal cord in ALS assessed by cross-sectional and longitudinal 3T MRI. <i>Scientific Reports</i> , 2020, 10, 1783.	1.6	7
61	High-Resolution Nerve Ultrasound Abnormalities in POEMS Syndrome – A Comparative Study. <i>Diagnostics</i> , 2021, 11, 264.	1.3	7
62	An Automated Tongue Tracker for Quantifying Bulbar Function in ALS. <i>Frontiers in Neurology</i> , 2022, 13, 838191.	1.1	7
63	7T MR neurography – ultrasound fusion for peripheral nerve imaging. <i>Muscle and Nerve</i> , 2020, 61, 521-526.	1.0	6
64	Peripheral Nerve Imaging Aids in the Diagnosis of Immune-Mediated Neuropathies – A Case Series. <i>Diagnostics</i> , 2020, 10, 535.	1.3	6
65	Pulsatility Index in the Basal Ganglia Arteries Increases with Age in Elderly with and without Cerebral Small Vessel Disease. <i>American Journal of Neuroradiology</i> , 2022, 43, 540-546.	1.2	6
66	Impact of N-Acetylcysteine on Cerebral Amyloid- β^2 Plaques and Kidney Damage in Spontaneously Hypertensive Stroke-Prone Rats. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S305-S313.	1.2	5
67	MRI phenotyping of underlying cerebral small vessel disease in mixed hemorrhage patients. <i>Journal of the Neurological Sciences</i> , 2020, 419, 117173.	0.3	5
68	Textural markers of ultrasonographic nerve alterations in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2020, 62, 601-610.	1.0	5
69	DimLift: Interactive Hierarchical Data Exploration Through Dimensional Bundling. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 2908-2922.	2.9	5
70	Characteristics of pain and the burden it causes in patients with amyotrophic lateral sclerosis – a longitudinal study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021, , 1-8.	1.1	5
71	Microvascular Impairment in Patients With Cerebral Small Vessel Disease Assessed With Arterial Spin Labeling Magnetic Resonance Imaging: A Pilot Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	1.7	5
72	The Dyspnea-ALS-Scale (DAL5-15) optimizes individual treatment in patients with amyotrophic lateral sclerosis (ALS) suffering from dyspnea. <i>Health and Quality of Life Outcomes</i> , 2019, 17, 95.	1.0	4

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73	A Multi-Center Cohort Study on Characteristics of Pain, Its Impact and Pharmacotherapeutic Management in Patients with ALS. <i>Journal of Clinical Medicine</i> , 2021, 10, 4552.	1.0	4
74	Structural and functional brain alterations in patients with myasthenia gravis. <i>Brain Communications</i> , 2022, 4, fcac018.	1.5	4
75	Retinal Vascular Pathology in a Rat Model of Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2020, 11, 533.	1.1	3
76	Integrated Dual Analysis of Quantitative and Qualitative High-Dimensional Data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 2953-2966.	2.9	3
77	Editor's Choice "Relevance of Infarct Size, Timing of Surgery, and Peri-operative Management for Non-ischaemic Cerebral Complications After Carotid Endarterectomy. <i>European Journal of Vascular and Endovascular Surgery</i> , 2022, 63, 268-274.	0.8	3
78	Detecting Artery Occlusion and Critical Flow Diminution in the Case of an Acute Ischemic Stroke "Methodological Pitfalls of Common Vascular Diagnostic Methods. <i>Ultraschall in Der Medizin</i> , 2011, 32, 274-280.	0.8	2
79	Modification of In-Hospital Recommendation and Prescription of Anticoagulants for Secondary Prevention of Stroke after Launch of Direct Oral Anticoagulants and Change of National Guidelines. <i>Cerebrovascular Diseases</i> , 2020, 49, 412-418.	0.8	2
80	Do basophile structures as age dependent phenomenon indicate small vessel wall damage?. <i>Microvascular Research</i> , 2012, 84, 375-377.	1.1	1
81	Impaired occipital cerebrovascular reactivity as a biomarker for vascular β -amyloid. <i>Neurology</i> , 2020, 95, 415-416.	1.5	1
82	Reply: Heterogeneity of the circle of Willis and its implication in hippocampal perfusion. <i>Brain</i> , 2020, 143, e59-e59.	3.7	1
83	Automated Quantification of Enlarged Perivascular Spaces in Clinical Brain MRI Across Sites. <i>Lecture Notes in Computer Science</i> , 2019, , 103-111.	1.0	1
84	Implementation and Efficacy of Selective Sonographic Screening for Carotid Disease before Cardiac Surgery. <i>Annals of Vascular Surgery</i> , 2010, 24, 382-387.	0.4	0
85	P2-040: HYPERTENSION RESULTS IN CHANGES TO THE CEREBROVASCULATURE OF SPONTANEOUSLY HYPERTENSIVE STROKE PRONE RATS: IMPLICATIONS FOR THE PATHOGENESIS OF ALZHEIMER'S DISEASE. , 2014, 10, P484-P484.		0
86	O5-02-01: Brain and cognitive correlates of subjective cognitive decline differ between healthy elderly with and without β -amyloid pathology. , 2015, 11, P315-P316.		0
87	P1-295: SNAP: Alzheimer's Disease Plus Overlapping Non-Ad Patterns in The Aging Brain?. <i>Alzheimer's and Dementia</i> , 2016, 12, P533.	0.4	0
88	Reader response: Serum neurofilament light is sensitive to active cerebral small vessel disease. <i>Neurology</i> , 2018, 90, 1126-1126.	1.5	0
89	Contrast-enhancement in the wall of a cerebral fusiform aneurysm in neuroborreliosis at 7T MRI. <i>Journal of the Neurological Sciences</i> , 2020, 418, 117112.	0.3	0
90	Hippocampal vascularization pattern exerts local and global effects on structural and functional brain integrity. <i>Alzheimer's and Dementia</i> , 2020, 16, e039775.	0.4	0

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91	From many, one: A call for meta-cohorts in neuromuscular ultrasound. <i>European Journal of Neurology</i> , 2021, 28, 1435-1436.	1.7	0
92	Author Response: Detection of Cerebral Microbleeds With Venous Connection at 7-Tesla MRI. <i>Neurology</i> , 2021, 97, 840-840.	1.5	0
93	Untersuchung des zervikalen Rückenmarkes bei ALS – eine 3T MRT Studie. , 2019, 38, .		0
94	Regionen-spezifische motorische Verhaltenstestungen bei ALS-Patienten im Vergleich zu gesunden Kontrollen. <i>Nervenheilkunde</i> , 2019, 38, .	0.0	0
95	Nervensonographische Textur- und Grauwertmarker bei ALS. <i>Nervenheilkunde</i> , 2019, 38, .	0.0	0
96	Relevance of Infarct Size, Timing of Surgery, and Peri-operative Management for Non-ischaemic Cerebral Complications After Carotid Endarterectomy. <i>Journal of Vascular Surgery</i> , 2022, 75, 1119.	0.6	0
97	P 25 CSF biomarkers in CAA compared to AD. <i>Clinical Neurophysiology</i> , 2022, 137, e28-e29.	0.7	0