

Susanne J Van Veluw

List of Publications by Year in descending order

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papers

4,609
citations

147786
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all docs

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docs citations

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times ranked

6307
citing authors

#	ARTICLE	IF	CITATIONS
1	Very Small Cerebellar Infarcts: Integration of Recent Insights into a Functional Topographic Classification. <i>Cerebrovascular Diseases</i> , 2013, 36, 81-87.	1.7	739
2	Cerebral amyloid angiopathy and Alzheimer disease – one peptide, two pathways. <i>Nature Reviews Neurology</i> , 2020, 16, 30-42.	10.1	407
3	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 107-117.	3.7	250
4	Vasomotion as a Driving Force for Paravascular Clearance in the Awake Mouse Brain. <i>Neuron</i> , 2020, 105, 549-561.e5.	8.1	236
5	Detection, risk factors, and functional consequences of cerebral microinfarcts. <i>Lancet Neurology</i> , The, 2017, 16, 730-740.	10.2	225
6	Post-Stroke Cognitive Impairment and Dementia. <i>Circulation Research</i> , 2022, 130, 1252-1271.	4.5	188
7	Differentiating between self and others: an ALE meta-analysis of fMRI studies of self-recognition and theory of mind. <i>Brain Imaging and Behavior</i> , 2014, 8, 24-38.	2.1	186
8	<i>In Vivo</i> Detection of Cerebral Cortical Microinfarcts with High-Resolution 7T MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 322-329.	4.3	177
9	Increased cortical grey matter lesion detection in multiple sclerosis with 7 T MRI: a post-mortem verification study. <i>Brain</i> , 2016, 139, 1472-1481.	7.6	133
10	Ischemic brain injury in cerebral amyloid angiopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 40-54.	4.3	111
11	Cortical microinfarcts on 3T MRI: Clinical correlates in memory clinic patients. <i>Alzheimer's and Dementia</i> , 2015, 11, 1500-1509.	0.8	109
12	Cortical cerebral microinfarcts on 3T MRI. <i>Neurology</i> , 2016, 87, 1583-1590.	1.1	101
13	Microbleed and microinfarct detection in amyloid angiopathy: a high-resolution MRI-histopathology study. <i>Brain</i> , 2016, 139, 3151-3162.	7.6	94
14	Cerebral amyloid angiopathy severity is linked to dilation of juxtacortical perivascular spaces. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 576-580.	4.3	76
15	Lines of Baillarger in vivo and ex vivo: Myelin contrast across lamina at 7 T MRI and histology. <i>NeuroImage</i> , 2016, 133, 163-175.	4.2	66
16	Risk Factors and Cognitive Relevance of Cortical Cerebral Microinfarcts in Patients With Ischemic Stroke or Transient Ischemic Attack. <i>Stroke</i> , 2016, 47, 2450-2455.	2.0	63
17	Heterogeneous histopathology of cortical microbleeds in cerebral amyloid angiopathy. <i>Neurology</i> , 2016, 86, 867-871.	1.1	63
18	Cortical Microinfarcts Detected In Vivo on 3 Tesla MRI. <i>Stroke</i> , 2015, 46, 255-257.	2.0	62

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19	Prefrontal cortex cytoarchitecture in normal aging and Alzheimer's disease: a relationship with IQ. <i>Brain Structure and Function</i> , 2012, 217, 797-808.	2.3	58
20	Blood-Brain Barrier Leakage and Microvascular Lesions in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2019, 50, 328-335.	2.0	58
21	Cerebral microbleeds: from depiction to interpretation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 598-607.	1.9	58
22	Association Between Subclinical Cardiac Biomarkers and Clinically Manifest Cardiac Diseases With Cortical Cerebral Microinfarcts. <i>JAMA Neurology</i> , 2017, 74, 403.	9.0	57
23	The Spectrum of MR Detectable Cortical Microinfarcts: A Classification Study with 7-Tesla Postmortem MRI and Histopathology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 676-683.	4.3	54
24	Cerebral Microvascular Lesions on High-Resolution 7-Tesla MRI in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 3523-3529.	0.6	51
25	Different microvascular alterations underlie microbleeds and microinfarcts. <i>Annals of Neurology</i> , 2019, 86, 279-292.	5.3	51
26	Perivascular space dilation is associated with vascular amyloid- β^2 accumulation in the overlying cortex. <i>Acta Neuropathologica</i> , 2022, 143, 331-348.	7.7	47
27	Neuropathological correlates of cortical superficial siderosis in cerebral amyloid angiopathy. <i>Brain</i> , 2020, 143, 3343-3351.	7.6	46
28	Evolution of DWI lesions in cerebral amyloid angiopathy. <i>Neurology</i> , 2017, 89, 2136-2142.	1.1	44
29	A practical approach to the management of cerebral amyloid angiopathy. <i>International Journal of Stroke</i> , 2021, 16, 356-369.	5.9	38
30	Rodent Models of Cerebral Microinfarct and Microhemorrhage. <i>Stroke</i> , 2018, 49, 803-810.	2.0	37
31	Microbleeds on MRI are associated with microinfarcts on autopsy in cerebral amyloid angiopathy. <i>Neurology</i> , 2016, 87, 1488-1492.	1.1	35
32	Reduced vascular amyloid burden at microhemorrhage sites in cerebral amyloid angiopathy. <i>Acta Neuropathologica</i> , 2017, 133, 409-415.	7.7	34
33	Visit-to-Visit Blood Pressure Variability, Neuropathology, and Cognitive Decline. <i>Neurology</i> , 2021, 96, e2812-e2823.	1.1	33
34	Histopathology of diffusion imaging abnormalities in cerebral amyloid angiopathy. <i>Neurology</i> , 2019, 92, e933-e943.	1.1	32
35	Semi-Automated Detection of Cerebral Microbleeds on 3.0 T MR Images. <i>PLoS ONE</i> , 2013, 8, e66610.	2.5	32
36	Cerebral Cortical Microinfarcts at 7Tesla MRI in Patients with Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 163-167.	2.6	31

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37	Cortical microinfarcts in memory clinic patients are associated with reduced cerebral perfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1869-1878.	4.3	30
38	Cortical cerebral microinfarcts predict cognitive decline in memory clinic patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 44-53.	4.3	29
39	Cerebral Cortical Microinfarcts on Magnetic Resonance Imaging and Their Association With Cognition in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2018, 49, 2330-2336.	2.0	28
40	Cortical Microinfarcts on 7T MRI in Patients with Spontaneous Intracerebral Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1104-1106.	4.3	26
41	Patterns of intracranial vessel wall changes in relation to ischemic infarcts. <i>Neurology</i> , 2014, 83, 1316-1320.	1.1	25
42	Microbleeds colocalize with enlarged juxtacortical perivascular spaces in amnesic mild cognitive impairment and early Alzheimer's disease: A 7 Tesla MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 739-746.	4.3	23
43	Cortical Cerebral Microinfarcts on 3 Tesla MRI in Patients with Vascular Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1443-1450.	2.6	22
44	White matter atrophy in cerebral amyloid angiopathy. <i>Neurology</i> , 2020, 95, e554-e562.	1.1	22
45	Neuropathology of Vascular Brain Health: Insights From Ex Vivo Magnetic Resonance Imaging—Histopathology Studies in Cerebral Small Vessel Disease. <i>Stroke</i> , 2022, 53, 404-415.	2.0	22
46	Histopathology of diffusion-weighted imaging-positive lesions in cerebral amyloid angiopathy. <i>Acta Neuropathologica</i> , 2020, 139, 799-812.	7.7	21
47	In vivo characterization of spontaneous microhemorrhage formation in mice with cerebral amyloid angiopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 82-91.	4.3	19
48	Hippocampal T2 hyperintensities on 7Tesla MRI. <i>NeuroImage: Clinical</i> , 2013, 3, 196-201.	2.7	18
49	Relationship between white matter connectivity loss and cortical thinning in cerebral amyloid angiopathy. <i>Human Brain Mapping</i> , 2017, 38, 3723-3731.	3.6	18
50	Selective plane illumination microscopy (SPIM) with time-domain fluorescence lifetime imaging microscopy (FLIM) for volumetric measurement of cleared mouse brain samples. <i>Review of Scientific Instruments</i> , 2018, 89, 053705.	1.3	17
51	Off-label use of aducanumab for cerebral amyloid angiopathy. <i>Lancet Neurology</i> , The, 2021, 20, 596-597.	10.2	17
52	Assessing Cortical Cerebral Microinfarcts on High Resolution MR Images. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	16
53	Automatic Extraction of the Midsagittal Surface from Brain MR Images using the Kullback-Leibler Measure. <i>Neuroinformatics</i> , 2014, 12, 395-403.	2.8	15
54	Cerebral Amyloid Angiopathy With Vascular Iron Accumulation and Calcification. <i>Stroke</i> , 2018, 49, 2081-2087.	2.0	15

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55	Ischaemic Cavities in the Cerebellum: An ex vivo 7-Tesla MRI Study with Pathological Correlation. <i>Cerebrovascular Diseases</i> , 2014, 38, 17-23.	1.7	13
56	FLAIR images at 7 Tesla MRI highlight the ependyma and the outer layers of the cerebral cortex. <i>NeuroImage</i> , 2015, 104, 100-109.	4.2	13
57	CSF enhancement on post-contrast fluid-attenuated inversion recovery images; a systematic review. <i>NeuroImage: Clinical</i> , 2020, 28, 102456.	2.7	12
58	Deep learning assisted quantitative assessment of histopathological markers of Alzheimer's disease and cerebral amyloid angiopathy. <i>Acta Neuropathologica Communications</i> , 2021, 9, 141.	5.2	11
59	Lacunae, Microinfarcts, and Vascular Dysfunction in Cerebral Amyloid Angiopathy. <i>Neurology</i> , 2021, 96, e1646-e1654.	1.1	10
60	Myelin contrast across lamina at 7T, ex-vivo and in-vivo dataset. <i>Data in Brief</i> , 2016, 8, 990-1003.	1.0	9
61	Hereditary cerebral amyloid angiopathy, Piedmont-type mutation. <i>Neurology: Genetics</i> , 2020, 6, e411.	1.9	9
62	Imaging the Acute Formation of a Cortical Microbleed in Cerebral Amyloid Angiopathy. <i>JAMA Neurology</i> , 2017, 74, 120.	9.0	8
63	How to assess the reliability of cerebral microbleed rating?. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 57.	3.4	7
64	Journal Club: Flortetapir imaging in cerebral amyloid angiopathy-related hemorrhages. <i>Neurology</i> , 2018, 91, 574-577.	1.1	7
65	Association Between Cerebral Cortical Microinfarcts and Perilesional Cortical Atrophy on 3T MRI. <i>Neurology</i> , 2022, 98, .	1.1	7
66	Histopathological correlates of haemorrhagic lesions on <i>ex vivo</i> magnetic resonance imaging in immunized Alzheimer's disease cases. <i>Brain Communications</i> , 2022, 4, fcac021.	3.3	7
67	Corpus callosum lesions are associated with worse cognitive performance in cerebral amyloid angiopathy. <i>Brain Communications</i> , 2022, 4, .	3.3	7
68	How to Organize a Journal Club for Fellows and Residents. <i>Stroke</i> , 2018, 49, e283-e285.	2.0	6
69	High Resolution Imaging of Cerebral Small Vessel Disease with 7 T MRI. <i>Acta Neurochirurgica Supplementum</i> , 2014, 119, 125-130.	1.0	6
70	Histopathology of Cerebral Microinfarcts and Microbleeds in Spontaneous Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2023, 14, 174-184.	4.2	6
71	Neuropathological correlates of cortical superficial siderosis in cerebral amyloid angiopathy. <i>Alzheimer's and Dementia</i> , 2020, 16, e041502.	0.8	1
72	Editorial: Cerebral Small Vessel Diseases: From Vessel Alterations to Cortical Parenchymal Injury. <i>Frontiers in Neurology</i> , 2020, 11, 92.	2.4	1

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73	The Perivascular Space Race: Understanding Their Role in Brain Clearance. <i>Neurology</i> , 2021, , 10.1212/WNL.0000000000013105.	1.1	1
74	O5-02-03: CEREBRAL MICROVASCULAR LESIONS ON 7T MRI: RELATION TO AGE AND OTHER MARKERS OF SMALL VESSEL DISEASE. , 2014, 10, P292-P293.		0
75	IC-P-189: CEREBRAL CORTICAL MICROINFARCTS ON 3TESLA MRI IN AN ASIAN MEMORY CLINIC POPULATION. , 2014, 10, P105-P106.		0
76	IC-P-191: CEREBRAL MICROVASCULAR LESIONS ON 7T MRI: RELATION TO AGE AND OTHER MARKERS OF SMALL VESSEL DISEASE. , 2014, 10, P106-P107.		0
77	P3-187: CEREBRAL CORTICAL MICROINFARCTS ON 3TESLA MRI IN AN ASIAN MEMORY-CLINIC POPULATION. , 2014, 10, P698-P698.		0
78	O4-08-04: Heterogeneous histopathology of caa-related cortical microbleeds. , 2015, 11, P287-P288.		0
79	P1-218: Cerebral amyloid angiopathy severity is linked to dilation of juxtacortical perivascular spaces. , 2015, 11, P435-P435.		0
80	[P2â€“067]: MRIâ€“HISTOPATHOLOGY ASSOCIATIONS OF MICROBLEEDS AND MICROINFARCTS IN INTACT EX VIVO HEMISPHERES OF PATIENTS WITH CEREBRAL AMYLOID ANGIOPATHY. <i>Alzheimer's and Dementia</i> , 2017, 13, P630.	0.8	0
81	ICâ€“Pâ€“051: BLOODâ€“BRAIN BARRIER LEAKAGE AND MICROVASCULAR LESIONS IN CEREBRAL AMYLOID ANGIOPATHY: A POSTMORTEM MRI AND HISTOPATHOLOGY STUDY. <i>Alzheimer's and Dementia</i> , 2018, 14, P50.	0.8	0
82	ICâ€“Pâ€“095: CORTICAL CEREBRAL MICROINFARCTS PREDICT COGNITIVE DECLINE IN A MEMORY CLINIC POPULATION. <i>Alzheimer's and Dementia</i> , 2018, 14, P80.	0.8	0
83	Strategic corpus callosum lesions are associated with worse cognitive performance in cerebral amyloid angiopathy. <i>Alzheimer's and Dementia</i> , 2020, 16, e042464.	0.8	0
84	Abstract P342: Histopathological Correlates of MRI-Visible Perivascular Spaces in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2021, 52, .	2.0	0
85	Maximizing Brain Health After Hemorrhagic Stroke: Bugher Foundation Centers of Excellence. <i>Stroke</i> , 2022, , STROKEAHA121036197.	2.0	0
86	Locus coeruleus hypopigmentation is associated with an increased risk of cerebral microangiopathy in autopsy cases with cognitive impairment.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e053974.	0.8	0