

Sandra E Black

List of Publications by Year in descending order

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Version: 2024-02-01

575
papers

46,234
citations

2797

94
h-index

2825

191
g-index

631
all docs

631
docs citations

631
times ranked

39112
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of the Ontario Neurodegenerative Disease Research Initiative cohort. <i>Alzheimer's and Dementia</i> , 2023, 19, 226-243.	0.4	15
2	A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. <i>Brain</i> , 2022, 145, 1805-1817.	3.7	27
3	Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum τ and pNfH : A Longitudinal Multicentre Study. <i>Annals of Neurology</i> , 2022, 91, 33-47.	2.8	21
4	Differential Cognitive Decline in Alzheimer's Disease Is Predicted by Changes in Ventricular Size but Moderated by Apolipoprotein E and Pulse Pressure. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 545-560.	1.2	4
5	Cognitive composites for genetic frontotemporal dementia: GENFI-Cog. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 10.	3.0	4
6	Neuropsychiatric symptoms as a sign of small vessel disease progression in cognitive impairment. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100041.	0.4	2
7	Pattern of Atrial Fibrillation and Cognitive Function in Young Patients With Atrial Fibrillation and Low CHADS 2 Score: Insights From the BRAIN-AF Trial. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, , CIRCEP121010462.	2.1	3
8	Examining empathy deficits across familial forms of frontotemporal dementia within the GENFI cohort. <i>Cortex</i> , 2022, 150, 12-28.	1.1	2
9	Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 1408-1423.	0.4	24
10	Structural brain splitting is a hallmark of Granulin-related frontotemporal dementia. <i>Neurobiology of Aging</i> , 2022, , .	1.5	1
11	Automated generation of cerebral blood flow and arterial transit time maps from multiple delay arterial spin-labeled τ MRI. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 406-417.	1.9	13
12	Investigating the contribution of white matter hyperintensities and cortical thickness to empathy in neurodegenerative and cerebrovascular diseases. <i>GeroScience</i> , 2022, 44, 1575-1598.	2.1	4
13	The τ CBI detects early behavioural impairment in genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 644-658.	1.7	1
14	Differential Effects of Speech and Language Therapy and rTMS in Chronic Versus Subacute Post-stroke Aphasia: Results of the NORTHSTAR-CA Trial. <i>Neurorehabilitation and Neural Repair</i> , 2022, 36, 306-316.	1.4	11
15	Glucose-lowering drugs, cognition, and dementia: The clinical evidence. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104654.	2.9	7
16	Small and Large Magnetic Resonance Imaging-Visible Perivascular Spaces in the Basal Ganglia of Parkinson's Disease Patients. <i>Movement Disorders</i> , 2022, 37, 1304-1309.	2.2	11
17	Effects of white matter hyperintensities, neuropsychiatric symptoms, and cognition on activities of daily living: Differences between Alzheimer's disease and dementia with Lewy bodies. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12306.	1.2	2
18	Caregiving concerns and clinical characteristics across neurodegenerative and cerebrovascular disorders in the Ontario neurodegenerative disease research initiative. <i>International Journal of Geriatric Psychiatry</i> , 2022, 37, .	1.3	3

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19	In vivo myelin imaging and tissue microstructure in white matter hyperintensities and perilesional white matter. <i>Brain Communications</i> , 2022, 4, .	1.5	8
20	Sleep Fragmentation and Cognitive Trajectories After Critical Illness. <i>Chest</i> , 2021, 159, 366-381.	0.4	19
21	Machine Learning in Nuclear Medicine: Part 2â€”Neural Networks and Clinical Aspects. <i>Journal of Nuclear Medicine</i> , 2021, 62, 22-29.	2.8	13
22	Diabetes, Brain Infarcts, Cognition, and Small Vessels in the Canadian Alliance for Healthy Hearts and Minds Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e891-e898.	1.8	11
23	Associations between brain amyloid accumulation and the use of angiotensin-converting enzyme inhibitors versus angiotensin receptor blockers. <i>Neurobiology of Aging</i> , 2021, 100, 22-31.	1.5	22
24	A Review of Translational Magnetic Resonance Imaging in Human and Rodent Experimental Models of Small Vessel Disease. <i>Translational Stroke Research</i> , 2021, 12, 15-30.	2.3	18
25	Hippocampal atrophy and cognitive function in transient ischemic attack and minor stroke patients over three years. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100019.	0.4	2
26	Impairment of episodic memory in genetic frontotemporal dementia: A GENFI study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12185.	1.2	11
27	Canadian Platform for Trials in Noninvasive Brain Stimulation (CanStim) Consensus Recommendations for Repetitive Transcranial Magnetic Stimulation in Upper Extremity Motor Stroke Rehabilitation Trials. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 103-116.	1.4	5
28	Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. <i>JAMA Network Open</i> , 2021, 4, e2030194.	2.8	42
29	Vascular Contributions to Neurodegeneration: Protocol of the COMPASS-ND Study. <i>Canadian Journal of Neurological Sciences</i> , 2021, , 1-8.	0.3	6
30	Improved Segmentation of the Intracranial and Ventricular Volumes in Populations with Cerebrovascular Lesions and Atrophy Using 3D CNNs. <i>Neuroinformatics</i> , 2021, 19, 597-618.	1.5	14
31	The use of angiotensin-converting enzyme inhibitors vs. angiotensin receptor blockers and cognitive decline in Alzheimerâ€™s disease: the importance of blood-brain barrier penetration and APOE Î¼4 carrier status. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 43.	3.0	29
32	Gait variability across neurodegenerative and cognitive disorders: Results from the Canadian Consortium of Neurodegeneration in Aging (CCNA) and the Gait and Brain Study. <i>Alzheimer's and Dementia</i> , 2021, 17, 1317-1328.	0.4	79
33	Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. <i>Nature Genetics</i> , 2021, 53, 294-303.	9.4	198
34	Optical coherence tomography imaging after endovascular thrombectomy: a novel method for evaluating vascular injury in a swine model. <i>Journal of Neurosurgery</i> , 2021, 134, 870-877.	0.9	3
35	Feasibility of unattended home sleep apnea testing in a cognitively impaired clinic population. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 435-444.	1.4	5
36	Abstract P359: Secondary Thalamic Atrophy Related to Brain Infarction is Associated With Post-Stroke Cognitive Impairment. <i>Stroke</i> , 2021, 52, .	1.0	0

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37	Combined Atlas and Convolutional Neural Network-Based Segmentation of the Hippocampus from MRI According to the ADNI Harmonized Protocol. <i>Sensors</i> , 2021, 21, 2427.	2.1	11
38	In vivo detection of beta-amyloid at the nasal cavity and other skull-base sites: a retrospective evaluation of ADNI1/GO. <i>Annals of Nuclear Medicine</i> , 2021, 35, 728-734.	1.2	1
39	Artificial intelligence for molecular neuroimaging. <i>Annals of Translational Medicine</i> , 2021, 9, 822-822.	0.7	6
40	Diabetes Mellitus Is Associated With Poor In-Hospital and Long-Term Outcomes in Young and Midlife Stroke Survivors. <i>Journal of the American Heart Association</i> , 2021, 10, e019991.	1.6	10
41	White matter hyperintensities in autopsy-confirmed frontotemporal lobar degeneration and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 129.	3.0	25
42	Reply to: Rethink the classical view of cerebrospinal fluid production. <i>Nature Reviews Neurology</i> , 2021, 17, 590-591.	4.9	1
43	MRI-visible perivascular space volumes, sleep duration and daytime dysfunction in adults with cerebrovascular disease. <i>Sleep Medicine</i> , 2021, 83, 83-88.	0.8	11
44	Description of connected speech across different elicitation tasks in the logopenic variant of primary progressive aphasia. <i>International Journal of Language and Communication Disorders</i> , 2021, 56, 1074-1085.	0.7	11
45	Resting state fMRI scanner instabilities revealed by longitudinal phantom scans in a multi-center study. <i>NeuroImage</i> , 2021, 237, 118197.	2.1	5
46	Effect of Cognitive Reserve on the Association of Vascular Brain Injury With Cognition. <i>Neurology</i> , 2021, 97, e1707-e1716.	1.5	13
47	Contribution of rare variant associations to neurodegenerative disease presentation. <i>Npj Genomic Medicine</i> , 2021, 6, 80.	1.7	14
48	Association of apolipoprotein E variation with cognitive impairment across multiple neurodegenerative diagnoses. <i>Neurobiology of Aging</i> , 2021, 105, 378.e1-378.e9.	1.5	8
49	Predicting Cognitive Impairment in Cerebrovascular Disease Using Spoken Discourse Production. <i>Topics in Language Disorders</i> , 2021, 41, 73-98.	0.9	5
50	Brain atrophy trajectories predict differential functional performance in Alzheimer's disease: Moderations with apolipoprotein E and sex. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12244.	1.2	3
51	The impact of reporting magnetic resonance imaging incidental findings in the Canadian alliance for healthy hearts and minds cohort. <i>BMC Medical Ethics</i> , 2021, 22, 145.	1.0	1
52	Longitudinal Cognitive Performance of Older Adults With ADHD Presenting to a Cognitive Neurology Clinic: A Case Series of Change Up to 21 Years. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 726374.	1.7	2
53	A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. <i>Molecular Neurodegeneration</i> , 2021, 16, 79.	4.4	9
54	Consensus Statement Regarding the Application of Biogen to Health Canada for Approval of Aducanumab. <i>Canadian Geriatrics Journal</i> , 2021, 24, 373-378.	0.7	6

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55	Amyloid-independent vascular contributions to cortical atrophy and cognition in a multi-center mixed cohort with low to severe small vessel disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	1
56	Serum oxylipins indicate subcortical ischemic vascular disease in patients with clinical stroke. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
57	Disintegration of anterior thalamic radiation fibers in cerebrovascular disease subjects with periventricular white matter hyperintensities leads to lower executive function performance. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	1
58	A retinal deep phenotyping TM platform to predict the cerebral amyloid PET status in older adults. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
59	Optical Coherence Tomography as an Adjunct During Carotid Artery Stenting for Carotid Atherosclerotic Disease. <i>Clinical Neuroradiology</i> , 2020, 30, 503-509.	1.0	5
60	Cardiovascular risk scoring and magnetic resonance imaging detected subclinical cerebrovascular disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 692-700.	0.5	11
61	Lactate topography of the human brain using hyperpolarized ¹³ C-MRI. <i>NeuroImage</i> , 2020, 204, 116202.	2.1	65
62	Impaired coherence for semantic but not episodic autobiographical memory in semantic variant primary progressive aphasia. <i>Cortex</i> , 2020, 123, 72-85.	1.1	11
63	Optical coherence tomography imaging after endovascular thrombectomy for basilar artery occlusion: report of 3 cases. <i>Journal of Neurosurgery</i> , 2020, 133, 1141-1146.	0.9	9
64	Hippocampal segmentation for brains with extensive atrophy using three-dimensional convolutional neural networks. <i>Human Brain Mapping</i> , 2020, 41, 291-308.	1.9	45
65	A multiomics approach to heterogeneity in Alzheimer's disease: focused review and roadmap. <i>Brain</i> , 2020, 143, 1315-1331.	3.7	106
66	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 145-156.	4.9	175
67	Depression and Diabetes Mellitus Multimorbidity Is Associated With Loss of Independence and Dementia Poststroke. <i>Stroke</i> , 2020, 51, 3531-3540.	1.0	12
68	The Use of Random Forests to Identify Brain Regions on Amyloid and FDG PET Associated With MoCA Score. <i>Clinical Nuclear Medicine</i> , 2020, 45, 427-433.	0.7	12
69	Canadian Consensus Conference on Diagnosis and Treatment of Dementia (CCCDTD)5: Guidelines for management of vascular cognitive impairment. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12056.	1.8	23
70	Recommendations of the 5th Canadian Consensus Conference on the diagnosis and treatment of dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, 1182-1195.	0.4	119
71	Tackling challenges in care of Alzheimer's disease and other dementias amid the COVID-19 pandemic, now and in the future. <i>Alzheimer's and Dementia</i> , 2020, 16, 1571-1581.	0.4	122
72	Thickness of the cerebral cortex shows positive association with blood levels of triacylglycerols carrying 18-carbon fatty acids. <i>Communications Biology</i> , 2020, 3, 456.	2.0	11

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73	Ontario Neurodegenerative Disease Research Initiative (ONDRI): Structural MRI Methods and Outcome Measures. <i>Frontiers in Neurology</i> , 2020, 11, 847.	1.1	23
74	Cortical Thickness Estimation in Individuals With Cerebral Small Vessel Disease, Focal Atrophy, and Chronic Stroke Lesions. <i>Frontiers in Neuroscience</i> , 2020, 14, 598868.	1.4	18
75	Language and memory: an investigation of the relationship between autobiographical memory recall and narrative production of semantic and episodic information. <i>Aphasiology</i> , 2020, , 1-20.	1.4	2
76	Accumulating and heterogeneous networkâ€knockout profiles in amnesic mild cognitive impairment and Alzheimerâ€™s disease dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e039184.	0.4	0
77	How much can the Alzheimerâ€™s Disease Assessment Scale Cognitive Subscale (ADASâ€Cog) tell us? Insights from a latent stateâ€trait autoâ€regressive (LSTâ€AR) model. <i>Alzheimer's and Dementia</i> , 2020, 16, e041582.	0.4	0
78	Toronto dementia research alliance (TDRA) dementia clinicalâ€research platform: An example of research embedded into clinical care. <i>Alzheimer's and Dementia</i> , 2020, 16, e041756.	0.4	1
79	Evaluation of a retinal deep phenotyping platform to detect the likely cerebral amyloid PET status in humans. <i>Alzheimer's and Dementia</i> , 2020, 16, e043395.	0.4	0
80	Abnormal brain structure mediates the association between ApoE4 and slow gait among patients with pathological cognitive impairment: Results from the Ontario Neurodegenerative Research Initiative. <i>Alzheimer's and Dementia</i> , 2020, 16, e044540.	0.4	0
81	Perivascular space dilation in white matter mediates a significant relationship between white matter hyperintensity burden and venous collagenosis. <i>Alzheimer's and Dementia</i> , 2020, 16, e045432.	0.4	0
82	Fractional anisotropy in white matter hyperintensities is linked to associative memory performance. <i>Alzheimer's and Dementia</i> , 2020, 16, e045489.	0.4	0
83	Reduced neuronal activity in Alzheimerâ€™s disease and mild cognitive impairment measured by resting state fMRI. <i>Alzheimer's and Dementia</i> , 2020, 16, e046067.	0.4	0
84	Neuropsychiatric symptom burden across neurodegenerative disorders and its association with function. <i>Alzheimer's and Dementia</i> , 2020, 16, e047279.	0.4	2
85	Trial of remote ischaemic preconditioning in vascular cognitive impairment (TRIC-VCI): protocol. <i>BMJ Open</i> , 2020, 10, e040466.	0.8	7
86	Parkinson's Disease, <scp><i>NOTCH3</i></scp> Genetic Variants, and White Matter Hyperintensities. <i>Movement Disorders</i> , 2020, 35, 2090-2095.	2.2	18
87	Structural Brain Magnetic Resonance Imaging to Rule Out Comorbid Pathology in the Assessment of Alzheimerâ€™s Disease Dementia: Findings from the Ontario Neurodegenerative Disease Research Initiative (ONDRI) Study and Clinical Trials Over the Past 10 Years. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 747-757.	1.2	9
88	Determining Corticospinal Tract Injury from Stroke Using Computed Tomography. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 775-784.	0.3	4
89	Reduced Cognitive Assessment Scores Among Individuals With Magnetic Resonance Imagingâ€Detected Vascular Brain Injury. <i>Stroke</i> , 2020, 51, 1158-1165.	1.0	9
90	Outcomes of Endovascular Thrombectomy for Basilar Artery Occlusion. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 479-485.	0.3	3

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91	Non-invasive brain stimulation as add-on therapy for subacute post-stroke aphasia: a randomized trial (NORTHSTAR). <i>European Stroke Journal</i> , 2020, 5, 402-413.	2.7	15
92	Pathophysiology of Vascular Cognitive Impairment (I): Theoretical Background. <i>Stroke Revisited</i> , 2020, 71-86.	0.2	3
93	Slowed Temporal and Parietal Cerebrovascular Response in Patients with Alzheimer's Disease. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 366-373.	0.3	18
94	Impaired perception of simultaneous stimuli in a patient with posterior cortical atrophy: an attentional account. <i>Neurocase</i> , 2020, 26, 69-78.	0.2	0
95	Embolic Stroke of Undetermined Source and Sleep Disorders. <i>Stroke</i> , 2020, 51, 1294-1296.	1.0	6
96	Perivascular spaces in the brain: anatomy, physiology and pathology. <i>Nature Reviews Neurology</i> , 2020, 16, 137-153.	4.9	405
97	Neuropathology of a remarkable case of memory impairment informs human memory. <i>Neuropsychologia</i> , 2020, 140, 107342.	0.7	6
98	Location, Location: The Clue to Aetiology in Cerebellar Bleeds. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 721-723.	0.3	0
99	Amyloid-beta burden predicts prospective decline in body mass index in clinically normal adults. <i>Neurobiology of Aging</i> , 2020, 93, 124-130.	1.5	27
100	Reciprocal Predictive Relationships between Amyloid and Tau Biomarkers in Alzheimer's Disease Progression: An Empirical Model. <i>Journal of Neuroscience</i> , 2019, 39, 7428-7437.	1.7	19
101	The Canadian Dementia Imaging Protocol: Harmonization validity for morphometry measurements. <i>NeuroImage: Clinical</i> , 2019, 24, 101943.	1.4	10
102	The Comprehensive Assessment of Neurodegeneration and Dementia: Canadian Cohort Study. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 499-511.	0.3	56
103	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , 2019, 15, 961-984.	0.4	200
104	Investigating the safety and efficacy of nabilone for the treatment of agitation in patients with moderate-to-severe Alzheimer's disease: Study protocol for a cross-over randomized controlled trial. <i>Contemporary Clinical Trials Communications</i> , 2019, 15, 100385.	0.5	14
105	Resting state functional connectivity changes after MR-guided focused ultrasound mediated blood-brain barrier opening in patients with Alzheimer's disease. <i>NeuroImage</i> , 2019, 200, 275-280.	2.1	46
106	Increased Diameters of the Internal Cerebral Veins and the Basal Veins of Rosenthal Are Associated with White Matter Hyperintensity Volume. <i>American Journal of Neuroradiology</i> , 2019, 40, 1712-1718.	1.2	15
107	Cognition in Stroke Rehabilitation and Recovery Research: Consensus-Based Core Recommendations From the Second Stroke Recovery and Rehabilitation Roundtable. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 943-950.	1.4	8
108	Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 1103-1111.	4.9	128

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109	24S-Hydroxycholesterol Is Associated with Agitation Severity in Patients with Moderate-to-Severe Alzheimer's Disease: Analyses from a Clinical Trial with Nabilone. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 21-31.	1.2	12
110	Non-Binary Approaches for Classification of Amyloid Brain PET. , 2019, , .		0
111	Actigraphic measures of sleep on the wards after ICU discharge. <i>Journal of Critical Care</i> , 2019, 54, 163-169.	1.0	7
112	Cognition in stroke rehabilitation and recovery research: Consensus-based core recommendations from the second Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , 2019, 14, 774-782.	2.9	52
113	Special topic section: linkages among cerebrovascular, cardiovascular, and cognitive disorders: Preventing dementia by preventing stroke: The Berlin Manifesto. <i>International Journal of Stroke</i> , 2019, , 174749301987191.	2.9	13
114	BOLD-based cerebrovascular reactivity vascular transfer function isolates amplitude and timing responses to better characterize cerebral small vessel disease. <i>NMR in Biomedicine</i> , 2019, 32, e4064.	1.6	25
115	Alcohol use and dementia: a systematic scoping review. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 1.	3.0	244
116	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019, 189, 645-654.	2.1	33
117	Genetic Variation in the Ontario Neurodegenerative Disease Research Initiative. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 491-498.	0.3	7
118	Speech network regional involvement in bulbar ALS: a multimodal structural MRI study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2019, 20, 385-395.	1.1	7
119	Blinded Randomized Trial of Anticoagulation to Prevent Ischemic Stroke and Neurocognitive Impairment in Atrial Fibrillation (BRAIN-AF): Methods and Design. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1069-1077.	0.8	27
120	Frontal Anatomical Correlates of Cognitive and Speech Motor Deficits in Amyotrophic Lateral Sclerosis. <i>Behavioural Neurology</i> , 2019, 2019, 1-11.	1.1	11
121	Lithium Carbonate in a Poststroke Population. <i>Journal of Clinical Psychopharmacology</i> , 2019, 39, 67-71.	0.7	11
122	Cerebral perfusion changes in presymptomatic genetic frontotemporal dementia: a GENFI study. <i>Brain</i> , 2019, 142, 1108-1120.	3.7	41
123	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 191-204.	1.2	65
124	The Canadian Dementia Imaging Protocol: Harmonizing National Cohorts. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, spcone.	1.9	1
125	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.	1.8	250
126	Machine Learning in Nuclear Medicine: Part 1—Introduction. <i>Journal of Nuclear Medicine</i> , 2019, 60, 451-458.	2.8	47

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127	ICâ€Pâ€047: VENOUS COLLAGENOSIS AS PATHOGENESIS OF WHITE MATTER HYPERINTENSITIES. <i>Alzheimer's and Dementia</i> , 2019, 15, P49.	0.4	0
128	<i>APOE</i> Î¼4, white matter hyperintensities, and cognition in Alzheimer and Lewy body dementia. <i>Neurology</i> , 2019, 93, e1807-e1819.	1.5	43
129	Comparison of quality control methods for automated diffusion tensor imaging analysis pipelines. <i>PLoS ONE</i> , 2019, 14, e0226715.	1.1	22
130	First-in-human trial of bloodâ€“brain barrier opening in amyotrophic lateral sclerosis using MR-guided focused ultrasound. <i>Nature Communications</i> , 2019, 10, 4373.	5.8	312
131	The Use of Random Forests to Classify Amyloid Brain PET. <i>Clinical Nuclear Medicine</i> , 2019, 44, 784-788.	0.7	15
132	The Canadian Dementia Imaging Protocol: Harmonizing National Cohorts. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 456-465.	1.9	101
133	The Impact of Covert Lacunar Infarcts and White Matter Hyperintensities on Cognitive and Motor Outcomes After Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 381-388.	0.7	14
134	Soluble Epoxide Hydrolase-Derived Linoleic Acid Oxylipins in Serum Are Associated with Periventricular White Matter Hyperintensities and Vascular Cognitive Impairment. <i>Translational Stroke Research</i> , 2019, 10, 522-533.	2.3	34
135	Cognitive heterogeneity among community-dwelling older adults with cerebral small vessel disease. <i>Neurobiology of Aging</i> , 2019, 77, 183-193.	1.5	19
136	Vascular dysfunctionâ€”The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.4	454
137	Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. <i>Neurobiology of Aging</i> , 2019, 77, 169-177.	1.5	47
138	Therapeutic trial design for frontotemporal dementia and related disorders. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 412-423.	0.9	21
139	Reduced substantia innominata volume mediates contributions of microvascular and macrovascular disease to cognitive deficits in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 66, 23-31.	1.5	7
140	Targeted Next-generation Sequencing and Bioinformatics Pipeline to Evaluate Genetic Determinants of Constitutional Disease. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	17
141	Dementia clinical trial implications of mild behavioral impairment. <i>International Psychogeriatrics</i> , 2018, 30, 171-175.	0.6	55
142	Perivascular Spaces Segmentation in Brain MRI Using Optimal 3D Filtering. <i>Scientific Reports</i> , 2018, 8, 2132.	1.6	98
143	The effect of white matter hyperintensities on verbal memory. <i>Neurology</i> , 2018, 90, e673-e682.	1.5	38
144	Converting MMSE to MoCA and MoCA 5â€minute protocol in an educationally heterogeneous sample with stroke or transient ischemic attack. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 729-734.	1.3	25

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145	Understanding the role of the perivascular space in cerebral small vessel disease. <i>Cardiovascular Research</i> , 2018, 114, 1462-1473.	1.8	211
146	Potential genetic modifiers of disease risk and age at onset in patients with frontotemporal lobar degeneration and GRN mutations: a genome-wide association study. <i>Lancet Neurology</i> , The, 2018, 17, 548-558.	4.9	97
147	Age representation in antiepileptic drug trials: A systematic review and meta-analysis. <i>Epilepsy Research</i> , 2018, 142, 9-15.	0.8	5
148	Sleep on the ward in intensive care unit survivors: a case series of polysomnography. <i>Internal Medicine Journal</i> , 2018, 48, 795-802.	0.5	17
149	Subcortical hyperintensities in the cholinergic system are associated with improvements in executive function in older adults with coronary artery disease undergoing cardiac rehabilitation. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 279-287.	1.3	8
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