Jennifer M Nicholas

List of Publications by Year
in descending order

123	4,172	136950	123424
papers	citations	32 h-index	61 g-index

131	131	131	6901
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Presymptomatic cognitive and neuroanatomical changes in genetic frontotemporal dementia in the Genetic Frontotemporal dementia Initiative (GENFI) study: a cross-sectional analysis. Lancet Neurology, The, 2015, 14, 253-262.	10.2	432
2	Effect of high-dose simvastatin on brain atrophy and disability in secondary progressive multiple sclerosis (MS-STAT): a randomised, placebo-controlled, phase 2 trial. Lancet, The, 2014, 383, 2213-2221.	13.7	361
3	Serum neurofilament light chain protein is a measure of disease intensity in frontotemporal dementia. Neurology, 2016, 87, 1329-1336.	1.1	354
4	Effect of remote ischaemic conditioning on clinical outcomes in patients with acute myocardial infarction (CONDI-2/ERIC-PPCI): a single-blind randomised controlled trial. Lancet, The, 2019, 394, 1415-1424.	13.7	223
5	Associations between blood pressure across adulthood and late-life brain structure and pathology in the neuroscience substudy of the 1946 British birth cohort (Insight 46): an epidemiological study. Lancet Neurology, The, 2019, 18, 942-952.	10.2	178
6	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. Lancet Neurology, The, 2020, 19, 145-156.	10.2	175
7	Clinical phenotype and genetic associations in autosomal dominant familial Alzheimerâ€™s disease: a case series. Lancet Neurology, The, 2016, 15, 1326-1335.	10.2	163
8	Effect of high-dose simvastatin on cognitive, neuropsychiatric, and health-related quality-of-life measures in secondary progressive multiple sclerosis: secondary analyses from the MS-STAT randomised, placebo-controlled trial. Lancet Neurology, The, 2017, 16, 591-600.	10.2	95
9	R47H TREM2 variant increases risk of typical earlyâ€onset Alzheimer's disease but not of prion or frontotemporal dementia. Alzheimer's and Dementia, 2014, 10, 602.	0.8	94
10	Cortical microstructure in young onset Alzheimer's disease using neurite orientation dispersion and density imaging. Human Brain Mapping, 2018, 39, 3005-3017.	3.6	87
11	Trends in antiepileptic drug utilisation in UK primary care 1993â€“2008: Cohort study using the General Practice Research Database. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 466-470.	2.0	85
12	Accelerated long-term forgetting in presymptomatic autosomal dominant Alzheimer's disease: a cross-sectional study. Lancet Neurology, The, 2018, 17, 123-132.	10.2	84
13	Longitudinal diffusion tensor imaging in frontotemporal dementia. Annals of Neurology, 2015, 77, 33-46.	5.3	82
14	Cerebrospinal fluid in the differential diagnosis of Alzheimerâ€™s disease: clinical utility of an extended panel of biomarkers in a specialist cognitive clinic. Alzheimer's Research and Therapy, 2018, 10, 32.	6.2	79
15	Visual short-term memory binding deficit in familial Alzheimer's disease. Cortex, 2016, 78, 150-164.	2.4	77
16	Presymptomatic cortical thinning in familial Alzheimer disease. Neurology, 2016, 87, 2050-2057.	1.1	58
17	Fracture risk with use of liver enzyme inducing antiepileptic drugs in people with active epilepsy: Cohort study using the General Practice Research Database. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 37-42.	2.0	55
18	Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life. JAMA Neurology, 2020, 77, 175.	9.0	55

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19	Quantifying the Area at Risk in Reperfused ST-Segmentâ€“Elevation Myocardial Infarction Patients Using Hybrid Cardiac Positron Emission Tomographyâ€“Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2016, 9, e003900.	2.6	54
20	OUP accepted manuscript. Brain, 2021, 144, 434-449.	7.6	54
21	Genetic determinants of white matter hyperintensities and amyloid angiopathy in familial Alzheimer's disease. Neurobiology of Aging, 2015, 36, 3140-3151.	3.1	53
22	Auditory spatial processing in Alzheimerâ€™s disease. Brain, 2015, 138, 189-202.	7.6	49
23	Recent HbA1c Values and Mortality Risk in Type 2 Diabetes. Population-Based Case-Control Study. PLoS ONE, 2013, 8, e68008.	2.5	46
24	Cerebrospinal fluid soluble TREM2 levels in frontotemporal dementia differ by genetic and pathological subgroup. Alzheimer's Research and Therapy, 2018, 10, 79.	6.2	43
25	Humour processing in frontotemporal lobar degeneration: A behavioural and neuroanatomical analysis. Cortex, 2015, 69, 47-59.	2.4	42
26	Altered Sense of Humor in Dementia. Journal of Alzheimer's Disease, 2015, 49, 111-119.	2.6	39
27	Dissecting IWG-2 typical and atypical Alzheimerâ€™s disease: insights from cerebrospinal fluid analysis. Journal of Neurology, 2015, 262, 2722-2730.	3.6	39
28	Presymptomatic white matter integrity loss in familial frontotemporal dementia in the <scp>GENFI</scp> cohort: A crossâ€sectional diffusion tensor imaging study. Annals of Clinical and Translational Neurology, 2018, 5, 1025-1036.	3.7	39
29	Cognition at age 70. Neurology, 2019, 93, e2144-e2156.	1.1	37
30	Differences in hippocampal subfield volume are seen in phenotypic variants of early onset Alzheimer's disease. NeuroImage: Clinical, 2019, 21, 101632.	2.7	37
31	Prominent effects and neural correlates of visual crowding in a neurodegenerative disease population. Brain, 2014, 137, 3284-3299.	7.6	36
32	Music Perception in Dementia. Journal of Alzheimer's Disease, 2016, 55, 933-949.	2.6	34
33	Variations in the organization and delivery of the 'NHS health check' in primary care. Journal of Public Health, 2013, 35, 85-91.	1.8	33
34	Patterns of progressive atrophy vary with age in Alzheimer's disease patients. Neurobiology of Aging, 2018, 63, 22-32.	3.1	31
35	Motor features in posterior cortical atrophy and their imaging correlates. Neurobiology of Aging, 2014, 35, 2845-2857.	3.1	29
36	Applying causal models to explore the mechanism of action of simvastatin in progressive multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11020-11027.	7.1	28

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37	Cerebrospinal Fluid YKL-40 and Chitotriosidase Levels in Frontotemporal Dementia Vary by Clinical, Genetic and Pathological Subtype. Dementia and Geriatric Cognitive Disorders, 2020, 49, 56-76.	1.5	27
38	Hippocampal subfield volumes and pre-clinical Alzheimerâ€™s disease in 408 cognitively normal adults born in 1946. PLoS ONE, 2019, 14, e0224030.	2.5	26
39	Social cognition impairment in genetic frontotemporal dementia within the GENFI cohort. Cortex, 2020, 133, 384-398.	2.4	26
40	Functional neuroanatomy of spatial sound processing in Alzheimer's disease. Neurobiology of Aging, 2016, 39, 154-164.	3.1	25
41	REmote preconditioning for Protection Against Ischaemiaâ€“Reperfusion in renal transplantation (REPAIR): a multicentre, multinational, double-blind, factorial designed randomised controlled trial. Efficacy and Mechanism Evaluation, 2015, 2, 1-60.	0.7	24
42	Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. Alzheimer's and Dementia, 2022, 18, 1408-1423.	0.8	24
43	Degradation of cognitive timing mechanisms in behavioural variant frontotemporal dementia. Neuropsychologia, 2014, 65, 88-101.	1.6	22
44	Within-person study designs had lower precision and greater susceptibility to bias because of trends in exposure than cohort and nested caseâ€“control designs. Journal of Clinical Epidemiology, 2012, 65, 384-393.	5.0	21
45	Dementias show differential physiological responses to salient sounds. Frontiers in Behavioral Neuroscience, 2015, 9, 73.	2.0	21
46	Physiological phenotyping of dementias using emotional sounds. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1, 170-178.	2.4	21
47	Verbal adynamia in parkinsonian syndromes: behavioral correlates and neuroanatomical substrate. Neurocase, 2018, 24, 204-212.	0.6	19
48	Early remote ischaemic preconditioning leads to sustained improvement in allograft function after live donor kidney transplantation: long-term outcomes in the REnal Protection Against Ischaemiaâ€“Reperfusion in transplantation (REPAIR) randomised trial. British Journal of Anaesthesia, 2019, 123, 584-591.	3.4	19
49	Reduced modulation of scanpaths in response to task demands in posterior cortical atrophy. Neuropsychologia, 2015, 68, 190-200.	1.6	18
50	A physiological signature of sound meaning in dementia. Cortex, 2016, 77, 13-23.	2.4	18
51	Music models aberrant rule decoding and reward valuation in dementia. Social Cognitive and Affective Neuroscience, 2018, 13, 192-202.	3.0	18
52	Mineralocorticoid receptor antagonist pre-treatment and early post-treatment to minimize reperfusion injury after ST-elevation myocardial infarction: The MINIMIZE STEMI trial. American Heart Journal, 2019, 211, 60-67.	2.7	18
53	Measuring cortical mean diffusivity to assess early microstructural cortical change in presymptomatic familial Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2020, 12, 112.	6.2	18
54	Grip strength from midlife as an indicator of later-life brain health and cognition: evidence from a British birth cohort. BMC Geriatrics, 2021, 21, 475.	2.7	18

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55	Neutrophil gelatinase-associated lipocalin prior to cardiac surgery predicts acute kidney injury and mortality. Heart, 2018, 104, 313-317.	2.9	16
56	Spatiotemporal analysis for detection of pre-symptomatic shape changes in neurodegenerative diseases: Initial application to the GENFI cohort. NeuroImage, 2019, 188, 282-290.	4.2	16
57	Pure tone audiometry and cerebral pathology in healthy older adults. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 172-176.	1.9	16
58	Plasma amyloid-Î² ratios in autosomal dominant Alzheimerâ€™s disease: the influence of genotype. Brain, 2021, 144, 2964-2970.	7.6	16
59	Dissociable effects of APOE Îµ4 and Î²-amyloid pathology on visual working memory. Nature Aging, 2021, 1, 1002-1009.	11.6	16
60	A Comparison of Accelerated and Non-accelerated MRI Scans for Brain Volume and Boundary Shift Integral Measures of Volume Change: Evidence from the ADNI Dataset. Neuroinformatics, 2017, 15, 215-226.	2.8	14
61	Automated White Matter Hyperintensity Segmentation Using Bayesian Model Selection: Assessment and Correlations with Cognitive Change. Neuroinformatics, 2020, 18, 429-449.	2.8	14
62	Assessing Neurofilaments as Biomarkers of Neuroprotection in Progressive Multiple Sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	6.0	14
63	Disease duration in autosomal dominant familial Alzheimer disease. Neurology: Genetics, 2020, 6, e507.	1.9	13
64	A longitudinal investigation of the relationship between crowding and reading: A neurodegenerative approach. Neuropsychologia, 2016, 85, 127-136.	1.6	12
65	Eyetracking metrics reveal impaired spatial anticipation in behavioural variant frontotemporal dementia. Neuropsychologia, 2017, 106, 328-340.	1.6	12
66	Auditory conflict and congruence in frontotemporal dementia. Neuropsychologia, 2017, 104, 144-156.	1.6	12
67	The Revised Self-Monitoring Scale detects early impairment of social cognition in genetic frontotemporal dementia within the GENFI cohort. Alzheimer's Research and Therapy, 2021, 13, 127.	6.2	12
68	Variability in the type and layer distribution of cortical AÎ² pathology in familial Alzheimerâ€™s disease. Brain Pathology, 2022, 32, e13009.	4.1	12
69	Associations of Î²-Amyloid and Vascular Burden With Rates of Neurodegeneration in Cognitively Normal Members of the 1946 British Birth Cohort. Neurology, 2022, 99, .	1.1	12
70	Eye-tracking indices of impaired encoding of visual short-term memory in familial Alzheimerâ€™s disease. Scientific Reports, 2021, 11, 8696.	3.3	10
71	Visuomotor integration deficits are common to familial and sporadic preclinical Alzheimerâ€™s disease. Brain Communications, 2021, 3, fcab003.	3.3	8
72	Decoding expectation and surprise in dementia: the paradigm of music. Brain Communications, 2021, 3, fcab173.	3.3	8

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73	Amyloid Î² influences the relationship between cortical thickness and vascular load. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12022.	2.4	7
74	Investigating the relationship between BMI across adulthood and late life brain pathologies. Alzheimer's Research and Therapy, 2021, 13, 91.	6.2	7
75	Comparison of clinical rating scales in genetic frontotemporal dementia within the GENFI cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 158-168.	1.9	7
76	Visual short-term memory impairments in presymptomatic familial Alzheimer's disease: A longitudinal observational study. Neuropsychologia, 2021, 162, 108028.	1.6	7
77	Is Middle-Upper Arm Circumference â€œnormallyâ€•distributed? Secondary data analysis of 852 nutrition surveys. Emerging Themes in Epidemiology, 2016, 13, 7.	2.7	6
78	Effect of Remote Ischaemic preconditioning on Clinical outcomes in patients undergoing Coronary Artery bypass graft surgery (ERICCA study): a multicentre double-blind randomised controlled clinical trial. Efficacy and Mechanism Evaluation, 2016, 3, 1-58.	0.7	6
79	Do cerebrospinal fluid transfer methods affect measured amyloid Î²42, total tau, and phosphorylated tau in clinical practice?. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1, 380-384.	2.4	5
80	Visual short-term memory binding deficits in Alzheimer's disease: a reply to Parra's commentary.. Cortex, 2017, 88, 201-204.	2.4	5
81	Novel instructionless eye tracking tasks identify emotion recognition deficits in frontotemporal dementia. Alzheimer's Research and Therapy, 2021, 13, 39.	6.2	5
82	A populationâ€based study of head injury, cognitive function and pathological markers. Annals of Clinical and Translational Neurology, 2021, 8, 842-856.	3.7	5
83	The impact of Tween 20 on repeatability of amyloid Î² and tau measurements in cerebrospinal fluid. Clinical Chemistry and Laboratory Medicine, 2015, 53, e329-32.	2.3	4
84	APOEâ€Îµ4 carriers have superior recall on the â€˜What was where?â€™ visual shortâ€term memory binding test at age 70, despite a detrimental effect of Î²â€amyloid. Alzheimer's and Dementia, 2020, 16, e041090.	0.8	4
85	Olfactory testing does not predict Î²-amyloid, MRI measures of neurodegeneration or vascular pathology in the British 1946 birth cohort. Journal of Neurology, 2020, 267, 3329-3336.	3.6	4
86	Cognitive composites for genetic frontotemporal dementia: GENFI-Cog. Alzheimer's Research and Therapy, 2022, 14, 10.	6.2	4
87	Designing Multi-arm Multistage Adaptive Trials for Neuroprotection in Progressive Multiple Sclerosis. Neurology, 2022, 98, 754-764.	1.1	4
88	O2-04-05: Accelerated Long-Term Forgetting in Presymptomatic Familial Alzheimerâ€™s Disease. , 2016, 12, P231-P231.		2
89	[P4â€“189]: SYMPTOM ONSET IN GENETIC FRONTOTEMPORAL DEMENTIA. Alzheimer's and Dementia, 2017, 13, P1337.	0.8	2
90	A comparison of automated atrophy measures across the frontotemporal dementia spectrum: Implications for trials. NeuroImage: Clinical, 2021, 32, 102842.	2.7	2

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91	Presumed small vessel disease, imaging and cognition markers in the Alzheimerâ€™s Disease Neuroimaging Initiative. Brain Communications, 2021, 3, fcab226.	3.3	2
92	Reply to â€œCircadian variation in acute myocardial infarction size: Likely involvement of the melatonin and suprachiasmatic nucleiâ€. International Journal of Cardiology, 2017, 235, 192-193.	1.7	1
93	[P2â€“458]: VISUOMOTOR INTEGRATION IN PRESYMPTOMATIC FAMILIAL ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P815.	0.8	1
94	P2â€390: DIFFERENTIAL HIPPOCAMPAL SUBFIELD LOSS IN DIFFERENT PHENOTYPES OF YOUNG ONSET ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P850.	0.8	1
95	P1â€524: VISUAL SHORTâ€TERM BINDING DEFICIT IN FAMILIAL ALZHEIMER'S DISEASE: A LONGITUDINAL STUDY. Alzheimer's and Dementia, 2018, 14, P532.	0.8	1
96	O2â€05â€01: INFLUENCES OF BLOOD PRESSURE AND BLOOD PRESSURE TRAJECTORIES ON CEREBRAL PATHOLOGY AT AGE 70: RESULTS FROM A BRITISH BIRTH COHORT. Alzheimer's and Dementia, 2018, 14, P626.	0.8	1
97	Lifetime cigarette smoking and laterâ€life brain health: The populationâ€based 1946 British Birth Cohort. Alzheimer's and Dementia, 2020, 16, e041111.	0.8	1
98	Limitations of within-person study designs. Journal of Clinical Epidemiology, 2013, 66, 1429.	5.0	0
99	IC-P-175: LONGITUDINAL VOLUMETRIC AND DIFFUSION TENSOR IMAGING IN FAMILIAL ALZHEIMER'S DISEASE. , 2014, 10, P97-P98.		0
100	O5-06-03: IMPACT OF BASELINE ADJUSTMENT FOR VASCULAR RISK FACTORS ON SAMPLE SIZE FOR ATROPHY OUTCOMES IN ALZHEIMER'S DISEASE CLINICAL TRIALS. , 2014, 10, P302-P303.		0
101	O1-07-02: LONGITUDINAL VOLUMETRIC AND DIFFUSION TENSOR IMAGING IN FAMILIAL ALZHEIMER'S DISEASE. , 2014, 10, P141-P142.		0
102	IC-P-106: LONGITUDINAL RATES OF ATROPHY IN FAMILIAL ALZHEIMER'S DISEASE. , 2014, 10, P59-P60.		0
103	O3-14-01: Dissecting IWG-2 typical and atypical Alzheimer's disease: Insights from cerebrospinal fluid analysis. , 2015, 11, P254-P254.		0
104	[P2â€“545]: VASCULAR AND EARLY LIFE INFLUENCES ON CEREBROVASCULAR DISEASE IN INSIGHT 46: A SUBâ€STUDY OF THE MRC NATIONAL SURVEY OF HEALTH AND DEVELOPMENT (NSHD) BRITISH BIRTH COHORT. Alzheimer's and Dementia, 2017, 13, P851.	0.8	0
105	[O3â€“10â€“04]: SIMULTANEOUS CHANGES IN BLOOD PRESSURE, COGNITION AND BRAIN VOLUME IN AGEING, MILD COGNITIVE IMPAIRMENT AND ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P924.	0.8	0
106	[ICâ€Pâ€087]: SIMULTANEOUS CHANGES IN BLOOD PRESSURE, COGNITION AND BRAIN VOLUME IN AGEING, MILD COGNITIVE IMPAIRMENT AND ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P70.	0.8	0
107	P3â€437: LONGITUDINAL CORTICAL THICKNESS IN SPORADIC YOUNG ONSET ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1281.	0.8	0
108	P1â€474: SURFACEâ€BASED ANALYSIS OF CORTICAL GREY MATTER MICROSTRUCTURE IN YOUNGâ€ONSET ALZHEIMER'S DISEASE USING NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING (NODDI). Alzheimer's and Dementia, 2018, 14, P505.	0.8	0

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109	024â€...Longitudinal diffusion tensor imaging in the primary progressive aphasias. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, A10.2-A10.	1.9	0
110	O4â€13â€01: EARLY ADULTHOOD VASCULAR RISK STRONGLY PREDICTS BRAIN VOLUMES AND WHITE MATTER DISEASE, BUT NOT AMYLOID STATUS, AT AGE 69â€“71 YEARS: EVIDENCE FROM A BRITISH BIRTH COHORT. Alzheimer's and Dementia, 2019, 15, P1269.	0.8	0
111	Plasma phosphoâ€tau181 in over 400 cognitively healthy 69â€to 71â€yearâ€olds: Associations with cerebral amyloid, structural imaging and cognition in the Insight 46 study. Alzheimer's and Dementia, 2020, 16, e037848.	0.8	0
112	Disease duration in autosomal dominant familial Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e039738.	0.8	0
113	Midâ€life blood pressure and microstructural white matter: Findings from the 1946 British birth cohort. Alzheimer's and Dementia, 2020, 16, e045707.	0.8	0
114	LONG-TERM FORGETTING IN PRECLINICAL FAMILIAL ALZHEIMER'S DISEASE. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, e1.90-e1.	1.9	0
115	Menopause and laterâ€life cognition: Findings from the longestâ€running populationâ€based birth cohort. Alzheimer's and Dementia, 2021, 17, .	0.8	0
116	Detecting clinical progression from abnormal regional brain volumes at baseline in genetic frontotemporal dementia: A GENFI study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
117	A cognitive composite for genetic frontotemporal dementia: GENFIâ€cog. Alzheimer's and Dementia, 2021, 17, .	0.8	0
118	From brain volumes to subgroup classification in genetic mutation carriers for frontotemporal dementia: A cluster analysis in the GENFI study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
119	Title is missing!. , 2019, 14, e0224030.		0
120	Title is missing!. , 2019, 14, e0224030.		0
121	Title is missing!. , 2019, 14, e0224030.		0
122	Title is missing!. , 2019, 14, e0224030.		0
123	Population-based blood screening for pre-clinical Alzheimerâ€™s disease: a British birth cohort at age 70. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, A91.2-A91.	1.9	0