

Ian B Malone

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,552
citations

257450

24
h-index

206112

48
g-index

87
all docs

87
docs citations

87
times ranked

5309
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate automatic estimation of total intracranial volume: A nuisance variable with less nuisance. <i>NeuroImage</i> , 2015, 104, 366-372.	4.2	371
2	Serum neurofilament light in familial Alzheimer disease. <i>Neurology</i> , 2017, 89, 2167-2175.	1.1	204
3	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. <i>Lancet Neurology</i> , The, 2019, 18, 942-952.	10.2	178
4	Magnetic resonance imaging evidence for presymptomatic change in thalamus and caudate in familial Alzheimer's disease. <i>Brain</i> , 2013, 136, 1399-1414.	7.6	174
5	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. <i>Alzheimer's and Dementia</i> , 2015, 11, 740-756.	0.8	142
6	An unbiased longitudinal analysis framework for tracking white matter changes using diffusion tensor imaging with application to Alzheimer's disease. <i>NeuroImage</i> , 2013, 72, 153-163.	4.2	111
7	MIRIAD's Public release of a multiple time point Alzheimer's MR imaging dataset. <i>NeuroImage</i> , 2013, 70, 33-36.	4.2	111
8	Profiles of white matter tract pathology in frontotemporal dementia. <i>Human Brain Mapping</i> , 2014, 35, 4163-4179.	3.6	102
9	White matter tract signatures of the progressive aphasias. <i>Neurobiology of Aging</i> , 2013, 34, 1687-1699.	3.1	97
10	Cortical microstructure in young onset Alzheimer's disease using neurite orientation dispersion and density imaging. <i>Human Brain Mapping</i> , 2018, 39, 3005-3017.	3.6	87
11	The Importance of Group-Wise Registration in Tract Based Spatial Statistics Study of Neurodegeneration: A Simulation Study in Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e45996.	2.5	81
12	Attenuation Correction Methods Suitable for Brain Imaging with a PET/MRI Scanner: A Comparison of Tissue Atlas and Template Attenuation Map Approaches. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1142-1149.	5.0	74
13	The pattern of atrophy in familial Alzheimer disease. <i>Neurology</i> , 2013, 81, 1425-1433.	1.1	67
14	Vascular and Alzheimer's disease markers independently predict brain atrophy rate in Alzheimer's Disease Neuroimaging Initiative controls. <i>Neurobiology of Aging</i> , 2013, 34, 1996-2002.	3.1	66
15	Study protocol: Insight 46 - a neuroscience sub-study of the MRC National Survey of Health and Development. <i>BMC Neurology</i> , 2017, 17, 75.	1.8	64
16	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. <i>NeuroImage</i> , 2015, 123, 149-164.	4.2	63
17	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. <i>Hippocampus</i> , 2017, 27, 249-262.	1.9	62
18	Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life. <i>JAMA Neurology</i> , 2020, 77, 175.	9.0	55

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19	Presymptomatic atrophy in autosomal dominant Alzheimer's disease: A serial magnetic resonance imaging study. <i>Alzheimer's and Dementia</i> , 2018, 14, 43-53.	0.8	42
20	Cognition at age 70. <i>Neurology</i> , 2019, 93, e2144-e2156.	1.1	37
21	Differences in hippocampal subfield volume are seen in phenotypic variants of early onset Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 21, 101632.	2.7	37
22	Evaluation of multi-modal, multi-site neuroimaging measures in Huntington's disease: Baseline results from the PADDINGTON study. <i>NeuroImage: Clinical</i> , 2013, 2, 204-211.	2.7	34
23	Patterns of progressive atrophy vary with age in Alzheimer's disease patients. <i>Neurobiology of Aging</i> , 2018, 63, 22-32.	3.1	31
24	The Rationale and Design of the Reducing Pathology in Alzheimer's Disease through Angiotensin Targeting (RADAR) Trial. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 803-814.	2.6	28
25	Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946. <i>PLoS ONE</i> , 2019, 14, e0224030.	2.5	26
26	Short-interval observational data to inform clinical trial design in Huntington's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1291-1298.	1.9	22
27	Loss and dispersion of superficial white matter in Alzheimer's disease: a diffusion MRI study. <i>Brain Communications</i> , 2021, 3, fcab272.	3.3	18
28	Incidental findings on brain imaging and blood tests: results from the first phase of Insight 46, a prospective observational substudy of the 1946 British birth cohort. <i>BMJ Open</i> , 2019, 9, e029502.	1.9	16
29	Pure tone audiometry and cerebral pathology in healthy older adults. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 172-176.	1.9	16
30	Dissociable effects of APOE ϵ 4 and τ -amyloid pathology on visual working memory. <i>Nature Aging</i> , 2021, 1, 1002-1009.	11.6	16
31	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. <i>Neuroinformatics</i> , 2017, 15, 215-226.	2.8	14
32	Automated White Matter Hyperintensity Segmentation Using Bayesian Model Selection: Assessment and Correlations with Cognitive Change. <i>Neuroinformatics</i> , 2020, 18, 429-449.	2.8	14
33	A Framework for Using Diffusion Weighted Imaging to Improve Cortical Parcellation. <i>Lecture Notes in Computer Science</i> , 2010, 13, 534-541.	1.3	12
34	Associations of τ -Amyloid and Vascular Burden With Rates of Neurodegeneration in Cognitively Normal Members of the 1946 British Birth Cohort. <i>Neurology</i> , 2022, 99, .	1.1	12
35	Automated Template-Based Hippocampal Segmentations from MRI: The Effects of 1.5T or 3T Field Strength on Accuracy. <i>Neuroinformatics</i> , 2014, 12, 405-412.	2.8	11
36	Increased variability in reaction time is associated with amyloid beta pathology at age 70. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12076.	2.4	8

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37	Visuomotor integration deficits are common to familial and sporadic preclinical Alzheimer's disease. <i>Brain Communications</i> , 2021, 3, fcab003.	3.3	8
38	Investigating the relationship between BMI across adulthood and late life brain pathologies. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 91.	6.2	7
39	Reversible frontotemporal brain sagging syndrome. <i>Neurology</i> , 2015, 85, 833-833.	1.1	6
40	A population-based study of head injury, cognitive function and pathological markers. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 842-856.	3.7	5
41	APOE ϵ 4 carriers have superior recall on the "What was where?" visual short-term memory binding test at age 70, despite a detrimental effect of β -amyloid. <i>Alzheimer's and Dementia</i> , 2020, 16, e041090.	0.8	4
42	Olfactory testing does not predict β -amyloid, MRI measures of neurodegeneration or vascular pathology in the British 1946 birth cohort. <i>Journal of Neurology</i> , 2020, 267, 3329-3336.	3.6	4
43	Losartan to slow the progression of mild-to-moderate Alzheimer's disease through angiotensin targeting: the RADAR RCT. <i>Efficacy and Mechanism Evaluation</i> , 2021, 8, 1-72.	0.7	3
44	Amyloid Pattern Similarity Score (AMPSS): A reference region free measure of amyloid PET deposition in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042673.	0.8	2
45	Presumed small vessel disease, imaging and cognition markers in the Alzheimer's Disease Neuroimaging Initiative. <i>Brain Communications</i> , 2021, 3, fcab226.	3.3	2
46	Familial British dementia: a clinical and multi-modal imaging case study. <i>Journal of Neurology</i> , 2022, 269, 3926-3930.	3.6	2
47	P2390: DIFFERENTIAL HIPPOCAMPAL SUBFIELD LOSS IN DIFFERENT PHENOTYPES OF YOUNG ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P850.	0.8	1
48	O20501: INFLUENCES OF BLOOD PRESSURE AND BLOOD PRESSURE TRAJECTORIES ON CEREBRAL PATHOLOGY AT AGE 70: RESULTS FROM A BRITISH BIRTH COHORT. <i>Alzheimer's and Dementia</i> , 2018, 14, P626.	0.8	1
49	Lifetime cigarette smoking and later-life brain health: The population-based 1946 British Birth Cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e041111.	0.8	1
50	Serum neurofilament light and whole brain volume associate with machine-learning derived brain-predicted age in the British 1946 birth cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e045965.	0.8	1
51	Sex-related differences in whole brain volumes at age 70 in association with hyperglycemia during adult life. <i>Neurobiology of Aging</i> , 2021, 112, 161-169.	3.1	1
52	Charge transport and efficiency in photovoltaic devices based on polyfluorene blends. , 2004, 5520, 26.		0
53	IC-P-175: LONGITUDINAL VOLUMETRIC AND DIFFUSION TENSOR IMAGING IN FAMILIAL ALZHEIMER'S DISEASE. , 2014, 10, P97-P98.		0
54	O1-07-02: LONGITUDINAL VOLUMETRIC AND DIFFUSION TENSOR IMAGING IN FAMILIAL ALZHEIMER'S DISEASE. , 2014, 10, P141-P142.		0

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55	[ICâ€Pâ€004]: A COMPARISON OF TECHNIQUES FOR QUANTIFYING AMYLOID BURDEN ON A COMBINED PET/MR SCANNER. Alzheimer's and Dementia, 2017, 13, P12.	0.8	0
56	[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
57	[P3â€“348]: EXPLORING THE POPULATION PREVALENCE OF Î²â€AMYLOID BURDEN: AN ANALYSIS OF 250 INDIVIDUALS BORN IN MAINLAND BRITAIN IN THE SAME WEEK IN 1946. Alzheimer's and Dementia, 2017, 13, P1088.	0.8	0
58	[P3â€“373]: A COMPARISON OF TECHNIQUES FOR QUANTIFYING AMYLOID BURDEN ON A COMBINED PET/MR SCANNER. Alzheimer's and Dementia, 2017, 13, P1100.	0.8	0
59	[P1â€“465]: PROGRESSIVE CALLOSAL ATROPHY WITH STABLE MEMORY IMPAIRMENT IN FAMILIAL BRITISH DEMENTIA. Alzheimer's and Dementia, 2017, 13, P465.	0.8	0
60	[O4â€“02â€“04]: SERUM NEUROFILAMENT LIGHT CONCENTRATION IN FAMILIAL ALZHEIMER'S DISEASE AND ASSOCIATION WITH MARKERS OF DISEASE STAGE AND SEVERITY. Alzheimer's and Dementia, 2017, 13, P1230.	0.8	0
61	[O5â€“05â€“04]: BRAIN VOLUME, CEREBRAL Î²â€AMYLOID DEPOSITION, AND AGEING: A STUDY OF OVER 200 INDIVIDUALS BORN IN THE SAME WEEK IN 1946. Alzheimer's and Dementia, 2017, 13, P1464.	0.8	0
62	P3â€437: LONGITUDINAL CORTICAL THICKNESS IN SPORADIC YOUNG ONSET ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1281.	0.8	0
63	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
64	ICâ€Pâ€007: CENTILOID SCALE TRANSFORMATION OF FLORBETAPIR DATA ACQUIRED ON A PET/MR SCANNER. Alzheimer's and Dementia, 2019, 15, P17.	0.8	0
65	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
66	ICâ€Pâ€006: LONGITUDINAL RATES OF AMYLOID ACCUMULATION IN A 70â€YEAR OLD BRITISH BIRTH COHORT. Alzheimer's and Dementia, 2019, 15, P16.	0.8	0
67	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
68	Vascular risk factors and amyloid pathology: Additive or interactive associations?. Alzheimer's and Dementia, 2020, 16, e037922.	0.8	0
69	Uncovering superficial white matter changes in youngâ€onset Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e039746.	0.8	0
70	Accelerated forgetting is sensitive to Î²â€amyloid pathology and cerebral atrophy in cognitively normal 72â€yearâ€olds. Alzheimer's and Dementia, 2020, 16, e040987.	0.8	0
71	Cerebral amyloid and white matter hyperintensity volume are independently associated with rates of cerebral atrophy in Insight 46, a subâ€study of the 1946 British birth cohort. Alzheimer's and Dementia, 2020, 16, e044924.	0.8	0
72	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

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73	Baseline MRI and CSF measurements in cognitively normal individuals as prognostic markers of progression to mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
74	Atrophy and partial volume related bias in cortical region of interest NODDI metrics. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
75	Fixelâ€based analysis of the effect of amyloid beta on white matter tracts in neurologically normal 70 year olds. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
76	Title is missing!. , 2019, 14, e0224030.		0
77	Title is missing!. , 2019, 14, e0224030.		0
78	Title is missing!. , 2019, 14, e0224030.		0
79	Title is missing!. , 2019, 14, e0224030.		0