

Michael J Firbank

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

176 papers	8,044 citations	49 h-index	83 g-index
203 ext. papers	9,275 ext. citations	4.8 avg, IF	5.62 L-index

#	Paper	IF	Citations
176	Theoretical and experimental investigation of near-infrared light propagation in a model of the adult head. <i>Applied Optics</i> , 1997 , 36, 21-31	1.7	311
175	Characterizing mild cognitive impairment in incident Parkinson disease: the ICICLE-PD study. <i>Neurology</i> , 2014 , 82, 308-16	6.5	288
174	Dopamine transporter loss visualized with FP-CIT SPECT in the differential diagnosis of dementia with Lewy bodies. <i>Archives of Neurology</i> , 2004 , 61, 919-25		274
173	A Monte Carlo investigation of optical pathlength in inhomogeneous tissue and its application to near-infrared spectroscopy. <i>Physics in Medicine and Biology</i> , 1993 , 38, 1859-76	3.8	271
172	Regional hemodynamic responses to visual stimulation in awake infants. <i>Pediatric Research</i> , 1998 , 43, 840-3	3.2	232
171	Measurement of the optical properties of the skull in the wavelength range 650-950 nm. <i>Physics in Medicine and Biology</i> , 1993 , 38, 503-10	3.8	227
170	A comparison of two methods for measuring the signal to noise ratio on MR images. <i>Physics in Medicine and Biology</i> , 1999 , 44, N261-4	3.8	187
169	An investigation of light transport through scattering bodies with non-scattering regions. <i>Physics in Medicine and Biology</i> , 1996 , 41, 767-83	3.8	174
168	A theoretical study of the signal contribution of regions of the adult head to near-infrared spectroscopy studies of visual evoked responses. <i>NeuroImage</i> , 1998 , 8, 69-78	7.9	151
167	Baseline and longitudinal grey matter changes in newly diagnosed Parkinson's disease: ICICLE-PD study. <i>Brain</i> , 2015 , 138, 2974-86	11.2	146
166	Long term incidence of dementia, predictors of mortality and pathological diagnosis in older stroke survivors. <i>Brain</i> , 2011 , 134, 3716-27	11.2	138
165	The EADC-ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: evidence of validity. <i>Alzheimer's and Dementia</i> , 2015 , 11, 111-25	1.2	137
164	Brain atrophy and white matter hyperintensity change in older adults and relationship to blood pressure. Brain atrophy, WMH change and blood pressure. <i>Journal of Neurology</i> , 2007 , 254, 713-21	5.5	136
163	18F-FDG PET and perfusion SPECT in the diagnosis of Alzheimer and Lewy body dementias. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 1959-65	8.9	130
162	Regional cerebral blood flow in Parkinson's disease with and without dementia. <i>NeuroImage</i> , 2003 , 20, 1309-19	7.9	125
161	An improved design for a stable and reproducible phantom material for use in near-infrared spectroscopy and imaging. <i>Physics in Medicine and Biology</i> , 1995 , 40, 955-61	3.8	125
160	White matter hyperintensities rather than lacunar infarcts are associated with depressive symptoms in older people: the LADIS study. <i>American Journal of Geriatric Psychiatry</i> , 2006 , 14, 834-41	6.5	123

159	White matter changes and late-life depressive symptoms: longitudinal study. <i>British Journal of Psychiatry</i> , 2007 , 191, 212-7	5.4	122
158	A design for a stable and reproducible phantom for use in near infra-red imaging and spectroscopy. <i>Physics in Medicine and Biology</i> , 1993 , 38, 847-853	3.8	114
157	Genetic impact on cognition and brain function in newly diagnosed Parkinson's disease: ICICLE-PD study. <i>Brain</i> , 2014 , 137, 2743-58	11.2	109
156	White matter hyperintensities are associated with impairment of memory, attention, and global cognitive performance in older stroke patients. <i>Stroke</i> , 2004 , 35, 1270-5	6.7	103
155	Gray and white matter imaging: A biomarker for cognitive impairment in early Parkinson's disease?. <i>Movement Disorders</i> , 2016 , 31, 103-10	7	99
154	Delphi definition of the EADC-ADNI Harmonized Protocol for hippocampal segmentation on magnetic resonance. <i>Alzheimer's and Dementia</i> , 2015 , 11, 126-38	1.2	96
153	Relationship between baseline white-matter changes and development of late-life depressive symptoms: 3-year results from the LADIS study. <i>Psychological Medicine</i> , 2010 , 40, 603-10	6.9	95
152	A comprehensive review of proton magnetic resonance spectroscopy studies in dementia and Parkinson's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2002 , 14, 64-76	2.6	95
151	Real-time assessment of postprandial fat storage in liver and skeletal muscle in health and type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E789-97	6	94
150	Frontal white matter hyperintensities, clasmotodendrosis and gliovascular abnormalities in ageing and post-stroke dementia. <i>Brain</i> , 2016 , 139, 242-58	11.2	88
149	The effect of overlying tissue on the spatial sensitivity profile of near-infrared spectroscopy. <i>Physics in Medicine and Biology</i> , 1995 , 40, 2093-108	3.8	88
148	Relationship between periventricular and deep white matter lesions and depressive symptoms in older people. The LADIS Study. <i>International Journal of Geriatric Psychiatry</i> , 2006 , 21, 983-9	3.9	86
147	Progression of white matter hyperintensities in Alzheimer disease, dementia with lewy bodies, and Parkinson disease dementia: a comparison with normal aging. <i>American Journal of Geriatric Psychiatry</i> , 2006 , 14, 842-9	6.5	85
146	Functional connectivity in cortical regions in dementia with Lewy bodies and Alzheimer's disease. <i>Brain</i> , 2012 , 135, 569-81	11.2	83
145	Medial temporal atrophy rather than white matter hyperintensities predict cognitive decline in stroke survivors. <i>Neurobiology of Aging</i> , 2007 , 28, 1664-9	5.6	80
144	Atrophy is associated with posterior cingulate white matter disruption in dementia with Lewy bodies and Alzheimer's disease. <i>NeuroImage</i> , 2007 , 36, 1-7	7.9	78
143	fMRI resting state networks and their association with cognitive fluctuations in dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2014 , 4, 558-65	5.3	74
142	Magnetic resonance imaging: a biomarker for cognitive impairment in Parkinson's disease?. <i>Movement Disorders</i> , 2013 , 28, 425-38	7	74

141	Cortical tau load is associated with white matter hyperintensities. <i>Acta Neuropathologica Communications</i> , 2015 , 3, 60	7.3	73
140	Functional connectivity in late-life depression using resting-state functional magnetic resonance imaging. <i>American Journal of Geriatric Psychiatry</i> , 2010 , 18, 643-51	6.5	67
139	Relationship between progression of brain white matter changes and late-life depression: 3-year results from the LADIS study. <i>British Journal of Psychiatry</i> , 2012 , 201, 40-5	5.4	63
138	Visual cortex in dementia with Lewy bodies: magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2012 , 200, 491-8	5.4	61
137	Quality assurance for MRI: practical experience. <i>British Journal of Radiology</i> , 2000 , 73, 376-83	3.4	59
136	Time-resolved optical imaging of a solid tissue-equivalent phantom. <i>Applied Optics</i> , 1995 , 34, 8038-47	1.7	57
135	Diffusion tensor imaging in dementia with Lewy bodies and Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2007 , 155, 135-45	2.9	56
134	A comparison of 99mTc-exametazime and 123I-FP-CIT SPECT imaging in the differential diagnosis of Alzheimer's disease and dementia with Lewy bodies. <i>International Psychogeriatrics</i> , 2008 , 20, 1124-40	3.4	55
133	Cerebral glucose metabolism and cognition in newly diagnosed Parkinson's disease: ICICLE-PD study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 310-316	5.5	54
132	Intensive blood pressure lowering increases cerebral blood flow in older subjects with hypertension. <i>Hypertension</i> , 2013 , 61, 1309-15	8.5	54
131	Pioglitazone decreases fasting and postprandial endogenous glucose production in proportion to decrease in hepatic triglyceride content. <i>Diabetes</i> , 2008 , 57, 2288-95	0.9	52
130	The application of statistical parametric mapping to 123I-FP-CIT SPECT in dementia with Lewy bodies, Alzheimer's disease and Parkinson's disease. <i>NeuroImage</i> , 2004 , 23, 956-66	7.9	51
129	A volumetric study of MRI signal hyperintensities in late-life depression. <i>American Journal of Geriatric Psychiatry</i> , 2004 , 12, 606-12	6.5	51
128	Visual hallucinations in dementia with Lewy bodies: transcranial magnetic stimulation study. <i>British Journal of Psychiatry</i> , 2011 , 199, 492-500	5.4	50
127	White matter hyperintensities and depression--preliminary results from the LADIS study. <i>International Journal of Geriatric Psychiatry</i> , 2005 , 20, 674-9	3.9	49
126	In vivo SPECT imaging of muscarinic acetylcholine receptors using (R,R) 123I-QNB in dementia with Lewy bodies and Parkinson's disease dementia. <i>NeuroImage</i> , 2006 , 33, 423-9	7.9	48
125	Change in perfusion, hallucinations and fluctuations in consciousness in dementia with Lewy bodies. <i>Psychiatry Research - Neuroimaging</i> , 2005 , 139, 79-88	2.9	48
124	Profile and determinants of vascular cognitive impairment in African stroke survivors: the CogFAST Nigeria Study. <i>Journal of the Neurological Sciences</i> , 2014 , 346, 241-9	3.2	44

123	Dysfunctional brain dynamics and their origin in Lewy body dementia. <i>Brain</i> , 2019 , 142, 1767-1782	11.2	43
122	Differential Atrophy of Hippocampal Subfields: A Comparative Study of Dementia with Lewy Bodies and Alzheimer Disease. <i>American Journal of Geriatric Psychiatry</i> , 2016 , 24, 136-43	6.5	43
121	Cortical thickness and VBM-DARTEL in late-life depression. <i>Journal of Affective Disorders</i> , 2011 , 133, 1586-64	6.4	43
120	Cerebral blood flow by arterial spin labeling in poststroke dementia. <i>Neurology</i> , 2011 , 76, 1478-84	6.5	43
119	Investigation of the effect of discrete absorbers upon the measurement of blood volume with near-infrared spectroscopy. <i>Physics in Medicine and Biology</i> , 1997 , 42, 465-77	3.8	43
118	Rapid eye movement sleep behavior disorder in Parkinson's disease: magnetic resonance imaging study. <i>Movement Disorders</i> , 2013 , 28, 832-6	7	42
117	Subjective memory complaints, white-matter lesions, depressive symptoms, and cognition in elderly patients. <i>American Journal of Geriatric Psychiatry</i> , 2005 , 13, 665-71	6.5	42
116	Lewy body compared with Alzheimer dementia is associated with decreased functional connectivity in resting state networks. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 223, 192-201	2.9	41
115	Biomarkers in dementia with Lewy bodies: a review. <i>International Journal of Geriatric Psychiatry</i> , 2012 , 27, 443-53	3.9	41
114	Reduced occipital GABA in Parkinson disease with visual hallucinations. <i>Neurology</i> , 2018 , 91, e675-e685	6.5	40
113	White matter changes in late-life depression: a diffusion tensor imaging study. <i>Journal of Affective Disorders</i> , 2011 , 135, 216-20	6.6	40
112	Dynamic functional connectivity changes in dementia with Lewy bodies and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019 , 22, 101812	5.3	39
111	Longitudinal assessment of global and regional atrophy rates in Alzheimer's disease and dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2015 , 7, 456-62	5.3	39
110	Functional connectivity in dementia with Lewy bodies: A within- and between-network analysis. <i>Human Brain Mapping</i> , 2018 , 39, 1118-1129	5.9	39
109	Relationship of orthostatic blood pressure to white matter hyperintensities and subcortical volumes in late-life depression. <i>British Journal of Psychiatry</i> , 2011 , 199, 404-10	5.4	38
108	High resolution imaging of the medial temporal lobe in Alzheimer's disease and dementia with Lewy bodies. <i>Journal of Alzheimer's Disease</i> , 2010 , 21, 1129-40	4.3	37
107	Regional cerebral blood flow in late-life depression: arterial spin labelling magnetic resonance study. <i>British Journal of Psychiatry</i> , 2012 , 200, 150-5	5.4	37
106	Resting state in Parkinson's disease dementia and dementia with Lewy bodies: commonalities and differences. <i>International Journal of Geriatric Psychiatry</i> , 2015 , 30, 1135-46	3.9	35

105	Homocysteine is associated with hippocampal and white matter atrophy in older subjects with mild hypertension. <i>International Psychogeriatrics</i> , 2010 , 22, 804-11	3.4	35
104	Neural correlates of attention-executive dysfunction in lewy body dementia and Alzheimer's disease. <i>Human Brain Mapping</i> , 2016 , 37, 1254-70	5.9	35
103	Relationship between cognition, magnetic resonance white matter hyperintensities, and cardiovascular autonomic changes in late-life depression. <i>American Journal of Geriatric Psychiatry</i> , 2012 , 20, 691-9	6.5	34
102	A study of wrist-worn activity measurement as a potential real-world biomarker for late-life depression. <i>Psychological Medicine</i> , 2017 , 47, 93-102	6.9	33
101	Progressive cortical thinning and subcortical atrophy in dementia with Lewy bodies and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015 , 36, 1743-1750	5.6	33
100	Multispectral MRI segmentation of age related white matter changes using a cascade of support vector machines. <i>Journal of the Neurological Sciences</i> , 2012 , 322, 211-6	3.2	33
99	Longitudinal study of cerebral blood flow SPECT in Parkinson's disease with dementia, and dementia with Lewy bodies. <i>International Journal of Geriatric Psychiatry</i> , 2005 , 20, 776-82	3.9	33
98	Is there a preference for PET or SPECT brain imaging in diagnosing dementia? The views of people with dementia, carers, and healthy controls. <i>International Psychogeriatrics</i> , 2016 , 28, 123-31	3.4	33
97	Harmonized benchmark labels of the hippocampus on magnetic resonance: the EADC-ADNI project. <i>Alzheimer's and Dementia</i> , 2015 , 11, 151-60.e5	1.2	32
96	Subcortical connectivity in dementia with Lewy bodies and Alzheimer's disease. <i>British Journal of Psychiatry</i> , 2013 , 203, 209-14	5.4	32
95	Validation of a fully automated hippocampal segmentation method on patients with dementia. <i>Human Brain Mapping</i> , 2008 , 29, 1442-9	5.9	31
94	Longitudinal whole-brain atrophy and ventricular enlargement in nondemented Parkinson's disease. <i>Neurobiology of Aging</i> , 2017 , 55, 78-90	5.6	30
93	Intra- and inter-network functional alterations in Parkinson's disease with mild cognitive impairment. <i>Human Brain Mapping</i> , 2017 , 38, 1702-1715	5.9	29
92	Do obese but metabolically normal women differ in intra-abdominal fat and physical activity levels from those with the expected metabolic abnormalities? A cross-sectional study. <i>BMC Public Health</i> , 2010 , 10, 723	4.1	29
91	A Volumetric Study of MRI Signal Hyperintensities in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2004 , 12, 606-612	6.5	29
90	Electroencephalographic derived network differences in Lewy body dementia compared to Alzheimer's disease patients. <i>Scientific Reports</i> , 2018 , 8, 4637	4.9	28
89	Partial volume effects in MRI studies of multiple sclerosis. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 593-601	3.1	28
88	Effects of transcranial direct current stimulation upon attention and visuoperceptual function in Lewy body dementia: a preliminary study. <i>International Psychogeriatrics</i> , 2016 , 28, 341-7	3.4	28

87	Muscarinic acetylcholine receptor status in Alzheimer's disease assessed using (R, R) 123I-QNB SPECT. <i>Journal of Neurology</i> , 2007 , 254, 907-13	5.5	27
86	Proton magnetic resonance spectroscopy in frontotemporal dementia. <i>Journal of Neurology</i> , 2006 , 253, 861-8	5.5	27
85	Experimental and theoretical comparison of NIR spectroscopy measurements of cerebral hemoglobin changes. <i>Journal of Applied Physiology</i> , 1998 , 85, 1915-21	3.7	26
84	The assessment of cognition in visually impaired older adults. <i>Age and Ageing</i> , 2013 , 42, 98-102	3	25
83	Experimental validation of Monte Carlo and finite-element methods for the estimation of the optical path length in inhomogeneous tissue. <i>Applied Optics</i> , 1996 , 35, 3362-71	1.7	25
82	Divergent functional connectivity during attentional processing in Lewy body dementia and Alzheimer's disease. <i>Cortex</i> , 2017 , 92, 8-18	3.8	24
81	Clinical and imaging correlates of amyloid deposition in dementia with Lewy bodies. <i>Movement Disorders</i> , 2018 , 33, 1130-1138	7	24
80	Longitudinal diffusion tensor imaging changes in early Parkinson's disease: ICICLE-PD study. <i>Journal of Neurology</i> , 2018 , 265, 1528-1539	5.5	24
79	The relationship between hallucinations and FDG-PET in dementia with Lewy bodies. <i>Brain Imaging and Behavior</i> , 2016 , 10, 636-9	4.1	23
78	Validation of automated white matter hyperintensity segmentation. <i>Journal of Aging Research</i> , 2011 , 2011, 391783	2.3	23
77	Testing visual perception in dementia with Lewy bodies and Alzheimer disease. <i>American Journal of Geriatric Psychiatry</i> , 2013 , 21, 501-8	6.5	22
76	Diffusion tensor imaging in Alzheimer's disease and dementia with Lewy bodies. <i>Psychiatry Research - Neuroimaging</i> , 2011 , 194, 176-83	2.9	22
75	Longitudinal change in 99mTcHMPAO cerebral perfusion SPECT in Parkinson's disease over one year. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005 , 76, 1448-51	5.5	22
74	Evaluation of a technique for estimation of extraocular muscle volume using 2D MRI. <i>British Journal of Radiology</i> , 2000 , 73, 1282-9	3.4	22
73	Does posterior cortical atrophy on MRI discriminate between Alzheimer's disease, dementia with Lewy bodies, and normal aging?. <i>International Psychogeriatrics</i> , 2013 , 25, 111-9	3.4	21
72	Quantitative EEG as a biomarker in mild cognitive impairment with Lewy bodies. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 82	9	20
71	Extraocular muscle atrophy and central nervous system involvement in chronic progressive external ophthalmoplegia. <i>PLoS ONE</i> , 2013 , 8, e75048	3.7	20
70	Neuroimaging predictors of death and dementia in a cohort of older stroke survivors. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 263-7	5.5	20

69	Structural Brain Alterations in Motor Subtypes of Parkinson's Disease: Evidence from Probabilistic Tractography and Shape Analysis. <i>PLoS ONE</i> , 2016 , 11, e0157743	3.7	19
68	Magnetic resonance imaging of fixed post mortem brains reliably reflects subcortical vascular pathology of frontal, parietal and occipital white matter. <i>Neuropathology and Applied Neurobiology</i> , 2013 , 39, 485-97	5.2	18
67	Measuring extraocular muscle volume using dynamic contours. <i>Magnetic Resonance Imaging</i> , 2001 , 19, 257-65	3.3	18
66	Small vessel disease pathological changes in neurodegenerative and vascular dementias concomitant with autonomic dysfunction. <i>Brain Pathology</i> , 2020 , 30, 191-202	6	18
65	Medial temporal lobe atrophy, white matter hyperintensities and cognitive impairment among Nigerian African stroke survivors. <i>BMC Research Notes</i> , 2015 , 8, 625	2.3	17
64	Plasma homocysteine and cognitive decline in older hypertensive subjects. <i>International Psychogeriatrics</i> , 2011 , 23, 1607-15	3.4	17
63	Elevated plasma homocysteine is associated with increased brain atrophy rates in older subjects with mild hypertension. <i>Dementia and Geriatric Cognitive Disorders</i> , 2011 , 31, 341-8	2.6	17
62	Changes to the lateral geniculate nucleus in Alzheimer's disease but not dementia with Lewy bodies. <i>Neuropathology and Applied Neurobiology</i> , 2016 , 42, 366-76	5.2	17
61	Consecutive sessions of transcranial direct current stimulation do not remediate visual hallucinations in Lewy body dementia: a randomised controlled trial. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 9	9	16
60	Covariance 99mTc-exametazime SPECT patterns in Alzheimer's disease and dementia with Lewy bodies: utility in differential diagnosis. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2010 , 23, 54-62	3.8	16
59	Longitudinal diffusion tensor imaging in dementia with Lewy bodies and Alzheimer's disease. <i>Parkinsonism and Related Disorders</i> , 2016 , 24, 76-80	3.6	15
58	Multivariate spatial covariance analysis of 99mTc-exametazime SPECT images in dementia with Lewy bodies and Alzheimer's disease: utility in differential diagnosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 612-8	7.3	15
57	White matter hyperintensities in mild lewy body dementia. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2012 , 2, 481-95	2.5	15
56	Association between midlife dementia risk factors and longitudinal brain atrophy: the PREVENT-Dementia study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 158-161	5.5	15
55	EEG alpha reactivity and cholinergic system integrity in Lewy body dementia and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 46	9	14
54	Hippocampal Stratum Radiatum, Lacunosum, and Molecular Sparing in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018 , 61, 415-424	4.3	13
53	NOS3 gene rs1799983 polymorphism and incident dementia in elderly stroke survivors. <i>Neurobiology of Aging</i> , 2011 , 32, 554.e1-6	5.6	13
52	Long reaction times are associated with delayed brain activity in lewy body dementia. <i>Human Brain Mapping</i> , 2018 , 39, 633-643	5.9	12

51	Alterations in nicotinic $\alpha 7$ receptor binding in vascular dementia using ^{123}I -5IA-85380 SPECT: comparison with regional cerebral blood flow. <i>Neurobiology of Aging</i> , 2011 , 32, 293-301	5.6	11
50	Mild cognitive impairment with Lewy bodies: neuropsychiatric supportive symptoms and cognitive profile. <i>Psychological Medicine</i> , 2020 , 1-9	6.9	11
49	Beta amyloid deposition maps onto hippocampal and subiculum atrophy in dementia with Lewy bodies. <i>Neurobiology of Aging</i> , 2019 , 73, 74-81	5.6	11
48	An evidence-based algorithm for the utility of FDG-PET for diagnosing Alzheimer's disease according to presence of medial temporal lobe atrophy. <i>British Journal of Psychiatry</i> , 2016 , 208, 491-6	5.4	10
47	Acute inhibition of lipolysis does not affect postprandial suppression of endogenous glucose production. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 289, E941-7	6	9
46	A phantom for the testing and calibration of near infra-red spectrometers. <i>Physics in Medicine and Biology</i> , 1994 , 39, 1509-13	3.8	9
45	Visual cortical excitability in dementia with Lewy bodies. <i>British Journal of Psychiatry</i> , 2016 , 208, 497-8	5.4	9
44	Transcranial direct current stimulation in Parkinson's disease dementia: A randomised double-blind crossover trial. <i>Brain Stimulation</i> , 2017 , 10, 1150-1151	5.1	8
43	Investigation of light piping through clear regions of scattering objects 1995 ,		8
42	Structural correlates of attention dysfunction in Lewy body dementia and Alzheimer's disease: an ex-Gaussian analysis. <i>Journal of Neurology</i> , 2019 , 266, 1716-1726	5.5	7
41	Longitudinal testing of visual perception in dementia with Lewy bodies and Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , 2013 , 28, 567-72	3.9	7
40	Post-stroke dementia: the contribution of thalamus and basal ganglia changes. <i>International Psychogeriatrics</i> , 2012 , 24, 568-76	3.4	7
39	Development of a novel fMRI compatible visual perception prototype battery to test older people with and without dementia. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2011 , 24, 73-83	3.8	7
38	Comparison of a finite-element forward model with experimental phantom results: application to image reconstruction 1993 , 1888, 179		7
37	Diffusion imaging in dementia with Lewy bodies: Associations with amyloid burden, atrophy, vascular factors and clinical features. <i>Parkinsonism and Related Disorders</i> , 2020 , 78, 109-115	3.6	7
36	Neuropathological Changes in Dementia With Lewy Bodies and the Cingulate Island Sign. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 ,	3.1	6
35	Combination peroxisome proliferator-activated receptor gamma and alpha agonist treatment in Type 2 diabetes prevents the beneficial pioglitazone effect on liver fat content. <i>Diabetic Medicine</i> , 2010 , 27, 150-6	3.5	6
34	Topographic Distribution of Photon Measurement Density Functions on the Brain Surface by Hybrid Radiosity-Diffusion Method. <i>Optical Review</i> , 2000 , 7, 426-431	0.9	6

33	In vivo nucleus basalis of Meynert degeneration in mild cognitive impairment with Lewy bodies. <i>NeuroImage: Clinical</i> , 2021 , 30, 102604	5.3	6
32	Theoretical and experimental investigation of the effect of sulci on light propagation in brain tissue 1995 , 2626, 2		5
31	Accuracy of Cardiac Innervation Scintigraphy for Mild Cognitive Impairment With Lewy Bodies. <i>Neurology</i> , 2021 , 96, e2801-e2811	6.5	5
30	Structural Brain Correlates of Attention Dysfunction in Lewy Body Dementias and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 347	5.3	5
29	Development of a stable and reproducible tissue-equivalent phantom for use in infrared spectroscopy and imaging 1993 , 1888, 264		4
28	Monte Carlo simulation of light transport through inhomogeneous tissue 1993 ,		4
27	Microbleeds in dementia with Lewy bodies. <i>Journal of Neurology</i> , 2020 , 267, 1491-1498	5.5	3
26	Monte Carlo investigation of the effect of skull optical properties on optical pathlength in the brain 1998 , 3194, 28		3
25	Amyloid Imaging and Longitudinal Clinical Progression in Dementia With Lewy Bodies. <i>American Journal of Geriatric Psychiatry</i> , 2020 , 28, 573-577	6.5	3
24	Hippocampal and insula volume in mild cognitive impairment with Lewy bodies. <i>Parkinsonism and Related Disorders</i> , 2021 , 86, 27-33	3.6	3
23	Functional connectivity of the nucleus basalis of Meynert in Lewy body dementia and Alzheimer's disease. <i>International Psychogeriatrics</i> , 2021 , 33, 89-94	3.4	3
22	Exploring Bottom-Up Visual Processing and Visual Hallucinations in Parkinson's Disease With Dementia. <i>Frontiers in Neurology</i> , 2020 , 11, 579113	4.1	3
21	Neuroanatomical and cognitive correlates of visual hallucinations in Parkinson's disease and dementia with Lewy bodies: Voxel-based morphometry and neuropsychological meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 128, 367-382	9	3
20	CT-based attenuation and scatter correction compared with uniform attenuation correction in brain perfusion SPECT imaging for dementia. <i>Physics in Medicine and Biology</i> , 2015 , 60, 6775-87	3.8	2
19	Relationship between position of brain activity and change in optical density for NIR imaging 2000 ,		2
18	Accuracy of dopaminergic imaging as a biomarker for mild cognitive impairment with Lewy bodies. <i>British Journal of Psychiatry</i> , 2020 , 1-7	5.4	2
17	Olfactory impairment in mild cognitive impairment with Lewy bodies and Alzheimer's disease. <i>International Psychogeriatrics</i> , 2021 , 1-8	3.4	2
16	Progression to Dementia in Mild Cognitive Impairment With Lewy Bodies or Alzheimer Disease. <i>Neurology</i> , 2021 ,	6.5	2

15	Functional connectivity in mild cognitive impairment with Lewy bodies. <i>Journal of Neurology</i> , 2021 , 268, 4707-4720	5.5	2
14	Mild cognitive impairment with Lewy bodies: blood perfusion with arterial spin labelling. <i>Journal of Neurology</i> , 2021 , 268, 1284-1294	5.5	2
13	Cholinergic white matter pathways in dementia with Lewy bodies and Alzheimer's disease. <i>Brain</i> , 2021 ,	11.2	2
12	Midlife alcohol consumption and longitudinal brain atrophy: the PREVENT-Dementia study. <i>Journal of Neurology</i> , 2020 , 267, 3282-3286	5.5	1
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