

Michael J Firbank

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6958169/michael-j-firbank-publications-by-year.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	Quantifying test-retest reliability of repeated objective attentional measures in Lewy body dementia.. <i>Journal of Neurology</i> , 2022 , 1	5.5	0
175	Mapping brain structural differences and neuroreceptor correlates in Parkinson's disease visual hallucinations.. <i>Nature Communications</i> , 2022 , 13, 519	17.4	1
174	Spatial covariance analysis of FDG-PET and HMPAO-SPECT for the differential diagnosis of dementia with Lewy bodies and Alzheimer's disease.. <i>Psychiatry Research - Neuroimaging</i> , 2022 , 322, 111460	2.9	1
173	Investigation of structural brain changes in Charles Bonnet Syndrome.. <i>NeuroImage: Clinical</i> , 2022 , 35, 103041	5.3	0
172	Neuropsychological Impairments and Their Cognitive Architecture in Mild Cognitive Impairment (MCI) with Lewy Bodies and MCI-Alzheimer's Disease. <i>Journal of the International Neuropsychological Society</i> , 2021 , 1-11	3.1	1
171	Olfactory impairment in mild cognitive impairment with Lewy bodies and Alzheimer's disease. <i>International Psychogeriatrics</i> , 2021 , 1-8	3.4	2
170	Progression to Dementia in Mild Cognitive Impairment With Lewy Bodies or Alzheimer Disease. <i>Neurology</i> , 2021 ,	6.5	2
169	Functional connectivity in mild cognitive impairment with Lewy bodies. <i>Journal of Neurology</i> , 2021 , 268, 4707-4720	5.5	2
168	Utility of the pareidolia test in mild cognitive impairment with Lewy bodies and Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , 2021 , 36, 1407-1414	3.9	0
167	Accuracy of Cardiac Innervation Scintigraphy for Mild Cognitive Impairment With Lewy Bodies. <i>Neurology</i> , 2021 , 96, e2801-e2811	6.5	5
166	Hippocampal and insula volume in mild cognitive impairment with Lewy bodies. <i>Parkinsonism and Related Disorders</i> , 2021 , 86, 27-33	3.6	3
165	Mild cognitive impairment with Lewy bodies: blood perfusion with arterial spin labelling. <i>Journal of Neurology</i> , 2021 , 268, 1284-1294	5.5	2
164	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
163	Cholinergic white matter pathways in dementia with Lewy bodies and Alzheimer's disease. <i>Brain</i> , 2021 ,	11.2	2
162	Impaired sensory evidence accumulation and network function in Lewy body dementia. <i>Brain Communications</i> , 2021 , 3, fcb089	4.5	1
161	Slowing on quantitative EEG is associated with transition to dementia in mild cognitive impairment. <i>International Psychogeriatrics</i> , 2021 , 1-5	3.4	0
160	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

159	In vivo nucleus basalis of Meynert degeneration in mild cognitive impairment with Lewy bodies. <i>NeuroImage: Clinical</i> , 2021 , 30, 102604	5.3	6
158	Midlife alcohol consumption and longitudinal brain atrophy: the PREVENT-Dementia study. <i>Journal of Neurology</i> , 2020 , 267, 3282-3286	5.5	1
157	Quantitative EEG as a biomarker in mild cognitive impairment with Lewy bodies. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 82	9	20
156	Microbleeds in dementia with Lewy bodies. <i>Journal of Neurology</i> , 2020 , 267, 1491-1498	5.5	3
155	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
154	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
153	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
152	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
151	Mild cognitive impairment with Lewy bodies: neuropsychiatric supportive symptoms and cognitive profile. <i>Psychological Medicine</i> , 2020 , 1-9	6.9	11
150	Small vessel disease pathological changes in neurodegenerative and vascular dementias concomitant with autonomic dysfunction. <i>Brain Pathology</i> , 2020 , 30, 191-202	6	18
149	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
148	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
147	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
146	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
145	Dynamic functional connectivity changes in dementia with Lewy bodies and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019 , 22, 101812	5.3	39
144	Dysfunctional brain dynamics and their origin in Lewy body dementia. <i>Brain</i> , 2019 , 142, 1767-1782	11.2	43
143	Neuropathological Changes in Dementia With Lewy Bodies and the Cingulate Island Sign. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 ,	3.1	6
142	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

141	Clinical and imaging correlates of amyloid deposition in dementia with Lewy bodies. <i>Movement Disorders</i> , 2018 , 33, 1130-1138	7	24
140	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
139	Electroencephalographic derived network differences in Lewy body dementia compared to Alzheimer's disease patients. <i>Scientific Reports</i> , 2018 , 8, 4637	4.9	28
138	BOLD activation of the ventromedial prefrontal cortex in patients with late life depression and comparison participants. <i>International Psychogeriatrics</i> , 2018 , 30, 629-634	3.4	1
137	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
136	Reduced occipital GABA in Parkinson disease with visual hallucinations. <i>Neurology</i> , 2018 , 91, e675-e685	6.5	40
135	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
134	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
133	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
132	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
131	Longitudinal whole-brain atrophy and ventricular enlargement in nondemented Parkinson's disease. <i>Neurobiology of Aging</i> , 2017 , 55, 78-90	5.6	30
130	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
129	Divergent functional connectivity during attentional processing in Lewy body dementia and Alzheimer's disease. <i>Cortex</i> , 2017 , 92, 8-18	3.8	24
128	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
127	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
126	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
125	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
124	Frontal white matter hyperintensities, clasmotodendrosis and gliovascular abnormalities in ageing and post-stroke dementia. <i>Brain</i> , 2016 , 139, 242-58	11.2	88

123	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
122	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
121	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
120	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
119	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
118	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
117	Visual cortical excitability in dementia with Lewy bodies. <i>British Journal of Psychiatry</i> , 2016 , 208, 497-8	5.4	9
116	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
115	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
114	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
113	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
112	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
111	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
110	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
109	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
108	Cortical tau load is associated with white matter hyperintensities. <i>Acta Neuropathologica Communications</i> , 2015 , 3, 60	7.3	73
107	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
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	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
104	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
103	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
102	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
101	Characterizing mild cognitive impairment in incident Parkinson disease: the ICICLE-PD study. <i>Neurology</i> , 2014 , 82, 308-16	6.5	288
100	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
99	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
98	Symptoms during carotid sinus massage, not hemodynamic change, are associated with white matter hyperintensity volume on magnetic resonance imaging. <i>Journal of the American Geriatrics Society</i> , 2014 , 62, 1988-9	5.6	
97	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
96	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
95	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
94	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
93	Magnetic resonance imaging: a biomarker for cognitive impairment in Parkinson's disease?. <i>Movement Disorders</i> , 2013 , 28, 425-38	7	74
92	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
91	The assessment of cognition in visually impaired older adults. <i>Age and Ageing</i> , 2013 , 42, 98-102	3	25
90	Intensive blood pressure lowering increases cerebral blood flow in older subjects with hypertension. <i>Hypertension</i> , 2013 , 61, 1309-15	8.5	54
89	Rapid eye movement sleep behavior disorder in Parkinson's disease: magnetic resonance imaging study. <i>Movement Disorders</i> , 2013 , 28, 832-6	7	42
88	Subcortical connectivity in dementia with Lewy bodies and Alzheimer's disease. <i>British Journal of Psychiatry</i> , 2013 , 203, 209-14	5.4	32

87	Extraocular muscle atrophy and central nervous system involvement in chronic progressive external ophthalmoplegia. <i>PLoS ONE</i> , 2013 , 8, e75048	3.7	20
86	Post-stroke dementia: the contribution of thalamus and basal ganglia changes. <i>International Psychogeriatrics</i> , 2012 , 24, 568-76	3.4	7
85	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
84	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
83	Functional connectivity in cortical regions in dementia with Lewy bodies and Alzheimer's disease. <i>Brain</i> , 2012 , 135, 569-81	11.2	83
82	Biomarkers in dementia with Lewy bodies: a review. <i>International Journal of Geriatric Psychiatry</i> , 2012 , 27, 443-53	3.9	41
81	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
80	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
79	White matter hyperintensities in mild lewy body dementia. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2012 , 2, 481-95	2.5	15
78	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
77	Visual cortex in dementia with Lewy bodies: magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2012 , 200, 491-8	5.4	61
76	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
75	NOS3 gene rs1799983 polymorphism and incident dementia in elderly stroke survivors. <i>Neurobiology of Aging</i> , 2011 , 32, 554.e1-6	5.6	13
74	Plasma homocysteine and cognitive decline in older hypertensive subjects. <i>International Psychogeriatrics</i> , 2011 , 23, 1607-15	3.4	17
73	Visual hallucinations in dementia with Lewy bodies: transcranial magnetic stimulation study. <i>British Journal of Psychiatry</i> , 2011 , 199, 492-500	5.4	50
72	Diffusion tensor imaging in Alzheimer's disease and dementia with Lewy bodies. <i>Psychiatry Research - Neuroimaging</i> , 2011 , 194, 176-83	2.9	22
71	Cortical thickness and VBM-DARTEL in late-life depression. <i>Journal of Affective Disorders</i> , 2011 , 133, 1586-94	6.4	43
70	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

69	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
68	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
67	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
66	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
65	Cerebral blood flow by arterial spin labeling in poststroke dementia. <i>Neurology</i> , 2011 , 76, 1478-84	6.5	43
64	Validation of automated white matter hyperintensity segmentation. <i>Journal of Aging Research</i> , 2011 , 2011, 391783	2.3	23
63	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
62	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
61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	Validation of a fully automated hippocampal segmentation method on patients with dementia. <i>Human Brain Mapping</i> , 2008 , 29, 1442-9	5.9	31
53	Diffusion tensor imaging in dementia with Lewy bodies and Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2007 , 155, 135-45	2.9	56
52	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

51	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
50	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
49	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
48	White matter changes and late-life depressive symptoms: longitudinal study. <i>British Journal of Psychiatry</i> , 2007 , 191, 212-7	5.4	122
47	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
46	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
45	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
44	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
43	Proton magnetic resonance spectroscopy in frontotemporal dementia. <i>Journal of Neurology</i> , 2006 , 253, 861-8	5.5	27
42	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
41	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
40	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
39	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
38	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
37	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
36	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
35	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
34	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

33	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
32	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
31	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
30	Regional cerebral blood flow in Parkinson's disease with and without dementia. <i>NeuroImage</i> , 2003 , 20, 1309-19	7.9	125
29	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
28	Measuring extraocular muscle volume using dynamic contours. <i>Magnetic Resonance Imaging</i> , 2001 , 19, 257-65	3.3	18
27	Relationship between position of brain activity and change in optical density for NIR imaging 2000 ,		2
26	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
25	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
24	Quality assurance for MRI: practical experience. <i>British Journal of Radiology</i> , 2000 , 73, 376-83	3.4	59
23	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
22	Partial volume effects in MRI studies of multiple sclerosis. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 593-603	3.3	28
21	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
20	Monte Carlo investigation of the effect of skull optical properties on optical pathlength in the brain 1998 , 3194, 28		3
19	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
18	Regional hemodynamic responses to visual stimulation in awake infants. <i>Pediatric Research</i> , 1998 , 43, 840-3	3.2	232
17	Investigation of the Direct and Indirect Signal Contributions of Brain Haematoma in Near Infrared Spectroscopy 1998 ,		1
16	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

15	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
14	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
13	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
12	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
11	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
10	Time-resolved optical imaging of a solid tissue-equivalent phantom. <i>Applied Optics</i> , 1995 , 34, 8038-47	1.7	57
9	Theoretical and experimental investigation of the effect of sulci on light propagation in brain tissue 1995 , 2626, 2		5
8	Investigation of light piping through clear regions of scattering objects 1995 ,		8
7	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
6	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
5	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
4	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
3	Development of a stable and reproducible tissue-equivalent phantom for use in infrared spectroscopy and imaging 1993 , 1888, 264		4
2	Comparison of a finite-element forward model with experimental phantom results: application to image reconstruction 1993 , 1888, 179		7
1	Monte Carlo simulation of light transport through inhomogeneous tissue 1993 ,		4