

# Nicola Filippini

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7905552/nicola-filippini-publications-by-year.pdf>

**Version:** 2024-04-27

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.

110  
papers

11,486  
citations

44  
h-index

107  
g-index

135  
ext. papers

13,983  
ext. citations

5.9  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
110	Association of cerebral small vessel disease burden with brain structure and cognitive and vascular risk trajectories in mid-to-late life. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2021</b> , 271678X211048411	7.3	2
109	Do you? Neural and behavioural effects of the 5-HT receptor agonist, prucalopride, in a hippocampal-dependent memory task. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 497	8.6	2
108	Adapting the UK Biobank Brain Imaging Protocol and Analysis Pipeline for the C-MORE Multi-Organ Study of COVID-19 Survivors. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 753284	4.1	2
107	Functional Connectivity between Task-Positive Networks and the Left Precuneus as a Biomarker of Response to Lamotrigine in Bipolar Depression: A Pilot Study. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	3
106	Subjective Cognitive Complaints Given in Questionnaire: Relationship With Brain Structure, Cognitive Performance and Self-Reported Depressive Symptoms in a 25-Year Retrospective Cohort Study. <i>American Journal of Geriatric Psychiatry</i> , <b>2021</b> , 29, 217-226	6.5	7
105	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. <i>EClinicalMedicine</i> , <b>2021</b> , 31, 100683	11.3	164
104	Dopaminergic modulation of regional cerebral blood flow: An arterial spin labelling study of genetic and pharmacological manipulation of COMT activity. <i>NeuroImage</i> , <b>2021</b> , 234, 117999	7.9	3
103	Integrating large-scale neuroimaging research datasets: Harmonisation of white matter hyperintensity measurements across Whitehall and UK Biobank datasets. <i>NeuroImage</i> , <b>2021</b> , 237, 118189	7.9	3
102	Resting state functional connectivity patterns as biomarkers of treatment response to escitalopram in patients with major depressive disorder. <i>Psychopharmacology</i> , <b>2021</b> , 1	4.7	4
101	White matter hyperintensities classified according to intensity and spatial location reveal specific associations with cognitive performance. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102616	5.3	2
100	Prediction of brain age and cognitive age: Quantifying brain and cognitive maintenance in aging. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 1626-1640	5.9	21
99	Longitudinal aortic stiffness is associated with brain microstructure and cognition: A voxel-wise magnetic resonance imaging study. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e041822	1.2	
98	Association of trajectories of depressive symptoms with vascular risk factors, cognitive function and adverse brain outcomes: A 28-year follow-up. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e041823	1.2	
97	Neural effects of a single dose of fluoxetine on resting-state functional connectivity in adolescent depression. <i>Journal of Psychopharmacology</i> , <b>2020</b> , 34, 1461-1465	4.6	1
96	Associations between arterial stiffening and brain structure, perfusion, and cognition in the Whitehall II Imaging Sub-study: A retrospective cohort study. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003467	11.6	8
95	Sleep duration over 28 years, cognition, gray matter volume, and white matter microstructure: a prospective cohort study. <i>Sleep</i> , <b>2020</b> , 43,	1.1	12
94	Association of trajectories of depressive symptoms with vascular risk, cognitive function and adverse brain outcomes: The Whitehall II MRI sub-study. <i>Journal of Psychiatric Research</i> , <b>2020</b> , 131, 85-93	5.2	7

93	Multimodal brain-age prediction and cardiovascular risk: The Whitehall II MRI sub-study. <i>NeuroImage</i> , <b>2020</b> , 222, 117292	7.9	31
92	P.283 Decreased resting state functional connectivity as a biomarker of poor response to escitalopram in patients with depression. <i>European Neuropsychopharmacology</i> , <b>2020</b> , 40, S160-S161	1.2	
91	Association of midlife stroke risk with structural brain integrity and memory performance at older ages: a longitudinal cohort study. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa026	4.5	5
90	Associations Between Longitudinal Trajectories of Cognitive and Social Activities and Brain Health in Old Age. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2013793	10.4	8
89	Large-scale intrinsic connectivity is consistent across varying task demands. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213861	3.7	11
88	Predicting cognitive resilience from midlife lifestyle and multi-modal MRI: A 30-year prospective cohort study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211273	3.7	6
87	Encoding-related brain activity and accelerated forgetting in transient epileptic amnesia. <i>Cortex</i> , <b>2019</b> , 110, 127-140	3.8	7
86	F2-05-01: SLEEP DURATION OVER 28 YEARS AND GREY MATTER VOLUMES: A PROSPECTIVE COHORT STUDY <b>2019</b> , 15, P522-P523		
85	Multimodal MRI of grey matter, white matter, and functional connectivity in cognitively healthy mutation carriers at risk for frontotemporal dementia and Alzheimer's disease. <i>BMC Neurology</i> , <b>2019</b> , 19, 343	3.1	5
84	Allostatic load as a predictor of grey matter volume and white matter integrity in old age: The Whitehall II MRI study. <i>Scientific Reports</i> , <b>2018</b> , 8, 6411	4.9	16
83	Exploring variability in basal ganglia connectivity with functional MRI in healthy aging. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 1822-1827	4.1	10
82	Peripheral DNA methylation, cognitive decline and brain aging: pilot findings from the Whitehall II imaging study. <i>Epigenomics</i> , <b>2018</b> , 10, 585-595	4.4	29
81	Classification and characterization of periventricular and deep white matter hyperintensities on MRI: A study in older adults. <i>NeuroImage</i> , <b>2018</b> , 170, 174-181	7.9	110
80	Association of Long-Term Diet Quality with Hippocampal Volume: Longitudinal Cohort Study. <i>American Journal of Medicine</i> , <b>2018</b> , 131, 1372-1381.e4	2.4	28
79	Structural Connectivity Variances Underlie Functional and Behavioral Changes During Pain Relief Induced by Neuromodulation. <i>Scientific Reports</i> , <b>2017</b> , 7, 41603	4.9	30
78	Towards a comprehensive framework for movement and distortion correction of diffusion MR images: Within volume movement. <i>NeuroImage</i> , <b>2017</b> , 152, 450-466	7.9	145
77	Effect of age and the APOE gene on metabolite concentrations in the posterior cingulate cortex. <i>NeuroImage</i> , <b>2017</b> , 152, 509-516	7.9	19
76	Associations between self-reported sleep quality and white matter in community-dwelling older adults: A prospective cohort study. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 5465-5473	5.9	54

75	Distinct resting-state functional connections associated with episodic and visuospatial memory in older adults. <i>NeuroImage</i> , <b>2017</b> , 159, 122-130	7.9	12
74	Impact of automated ICA-based denoising of fMRI data in acute stroke patients. <i>NeuroImage: Clinical</i> , <b>2017</b> , 16, 23-31	5.3	12
73	Moderate alcohol consumption as risk factor for adverse brain outcomes and cognitive decline: longitudinal cohort study. <i>BMJ, The</i> , <b>2017</b> , 357, j2353	5.9	177
72	Reduced Resting-State Functional Connectivity in Current and Recovered Restrictive Anorexia Nervosa. <i>Frontiers in Psychiatry</i> , <b>2017</b> , 8, 30	5	13
71	Quantitative FLAIR MRI in Amyotrophic Lateral Sclerosis. <i>Academic Radiology</i> , <b>2017</b> , 24, 1187-1194	4.3	18
70	Uncoupling protein 2 haplotype does not affect human brain structure and function in a sample of community-dwelling older adults. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181392	3.7	0
69	Challenges in the reproducibility of clinical studies with resting state fMRI: An example in early Parkinson's disease. <i>NeuroImage</i> , <b>2016</b> , 124, 704-713	7.9	55
68	Ipsilesional anodal tDCS enhances the functional benefits of rehabilitation in patients after stroke. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 330re1	17.5	124
67	Sub-threshold depressive symptoms and brain structure: A magnetic resonance imaging study within the Whitehall II cohort. <i>Journal of Affective Disorders</i> , <b>2016</b> , 204, 219-25	6.6	20
66	Quantitative and Functional Magnetic Resonance Imaging Techniques <b>2016</b> , 175-214		1
65	Reproducibility of Resting State Connectivity in Patients with Stable Multiple Sclerosis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152158	3.7	19
64	Disrupted resting-state functional connectivity in progressive supranuclear palsy. <i>American Journal of Neuroradiology</i> , <b>2015</b> , 36, 915-21	4.4	22
63	Network-level reorganisation of functional connectivity following arm amputation. <i>NeuroImage</i> , <b>2015</b> , 114, 217-25	7.9	73
62	Functional connectivity changes and their relationship with clinical disability and white matter integrity in patients with relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2015</b> , 21, 1681-92	5.9	28
61	Effects of seven-day diazepam administration on resting-state functional connectivity in healthy volunteers: a randomized, double-blind study. <i>Psychopharmacology</i> , <b>2015</b> , 232, 2139-47	4.7	8
60	Aberrant functional connectivity within the basal ganglia of patients with Parkinson's disease. <i>NeuroImage: Clinical</i> , <b>2015</b> , 8, 126-32	5.3	31
59	Reduced cerebrovascular reactivity in young adults carrying the APOE $\epsilon$ allele. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 648-57.e1	1.2	65
58	Lifetime hypertension as a predictor of brain structure in older adults: cohort study with a 28-year follow-up. <i>British Journal of Psychiatry</i> , <b>2015</b> , 206, 308-15	5.4	32

57	Changes in functional connectivity and GABA levels with long-term motor learning. <i>NeuroImage</i> , <b>2015</b> , 106, 15-20	7.9	68
56	ICA-based artifact removal diminishes scan site differences in multi-center resting-state fMRI. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 395	5.1	37
55	Resilience and MRI correlates of cognitive impairment in community-dwelling elders. <i>British Journal of Psychiatry</i> , <b>2015</b> , 207, 435-9	5.4	6
54	Impaired Functional Connectivity Unmasked by Simple Repetitive Motor Task in Early Relapsing-Remitting Multiple Sclerosis. <i>Neurorehabilitation and Neural Repair</i> , <b>2015</b> , 29, 557-65	4.7	7
53	Effective emotion regulation strategies improve fMRI and ECG markers of psychopathology in panic disorder: implications for psychological treatment action. <i>Translational Psychiatry</i> , <b>2015</b> , 5, e673	8.6	30
52	ICA-based artefact removal and accelerated fMRI acquisition for improved resting state network imaging. <i>NeuroImage</i> , <b>2014</b> , 95, 232-47	7.9	708
51	Predicting rapid response to cognitive-behavioural treatment for panic disorder: the role of hippocampus, insula, and dorsolateral prefrontal cortex. <i>Behaviour Research and Therapy</i> , <b>2014</b> , 62, 120-8	5.2	51
50	Brain connectivity in neurodegenerative diseases--from phenotype to proteinopathy. <i>Nature Reviews Neurology</i> , <b>2014</b> , 10, 620-33	15	183
49	P.1.i.024 Effects of short-term diazepam administration on resting-state functional connectivity in healthy adults. <i>European Neuropsychopharmacology</i> , <b>2014</b> , 24, S311	1.2	
48	Using structural and diffusion magnetic resonance imaging to differentiate the dementias. <i>Current Neurology and Neuroscience Reports</i> , <b>2014</b> , 14, 475	6.6	20
47	Study protocol: The Whitehall II imaging sub-study. <i>BMC Psychiatry</i> , <b>2014</b> , 14, 159	4.2	58
46	Apolipoprotein E genotype, gender and age modulate connectivity of the hippocampus in healthy adults. <i>NeuroImage</i> , <b>2014</b> , 98, 23-30	7.9	63
45	Gray matter volume is associated with rate of subsequent skill learning after a long term training intervention. <i>NeuroImage</i> , <b>2014</b> , 96, 158-66	7.9	53
44	Structural and functional imaging of the hippocampus in young people at familial risk of depression. <i>Psychological Medicine</i> , <b>2014</b> , 44, 2939-48	6.9	22
43	Functional connectivity in the basal ganglia network differentiates PD patients from controls. <i>Neurology</i> , <b>2014</b> , 83, 208-14	6.5	123
42	Widespread grey matter pathology dominates the longitudinal cerebral MRI and clinical landscape of amyotrophic lateral sclerosis. <i>Brain</i> , <b>2014</b> , 137, 2546-55	11.2	126
41	Increased resting state functional connectivity in the default mode network in recovered anorexia nervosa. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 483-91	5.9	82
40	RESTING STATE FMRI DISCERNs EARLY PARKINSONs FROM CONTROLS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2014</b> , 85, e4.118-e4	5.5	

39	Structural and functional imaging of the hippocampus in young people at familial risk of depression CORRIGENDUM. <i>Psychological Medicine</i> , <b>2014</b> , 44, 2949-2949	6.9	
38	Local GABA concentration is related to network-level resting functional connectivity. <i>ELife</i> , <b>2014</b> , 3, e01465	120	
37	Can complex visual discrimination deficits in amnesia be attributed to the medial temporal lobe? An investigation into the effects of medial temporal lobe damage on brain connectivity. <i>Hippocampus</i> , <b>2013</b> , 23, 7-13	3.5	14
36	Functional magnetic resonance imaging study reveals differences in the habituation to psychological stress in patients with Crohn's disease versus healthy controls. <i>Journal of Behavioral Medicine</i> , <b>2013</b> , 36, 477-87	3.6	40
35	The organization of dorsal frontal cortex in humans and macaques. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 12255-74	6.6	281
34	New insights into the brain involvement in patients with Crohn's disease: a voxel-based morphometry study. <i>Neurogastroenterology and Motility</i> , <b>2013</b> , 25, 147-e82	4	68
33	Diagnostic accuracy of diffusion tensor imaging in amyotrophic lateral sclerosis: a systematic review and individual patient data meta-analysis. <i>Academic Radiology</i> , <b>2013</b> , 20, 1099-106	4.3	61
32	Neuroanatomy of impaired self-awareness in Alzheimer's disease and mild cognitive impairment. <i>Cortex</i> , <b>2013</b> , 49, 668-78	3.8	72
31	Resting functional connectivity reveals residual functional activity in Alzheimer's disease. <i>Biological Psychiatry</i> , <b>2013</b> , 74, 375-83	7.9	51
30	Phantom pain is associated with preserved structure and function in the former hand area. <i>Nature Communications</i> , <b>2013</b> , 4, 1570	17.4	217
29	Brain structural and functional connectivity and the progression of neuropathology in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 33 Suppl 1, S163-72	4.3	26
28	The effects of APOE- $\epsilon$ 4 on the BOLD response. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 323-34	5.6	73
27	Genetic variation in GOLM1 and prefrontal cortical volume in Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 457-65	5.6	12
26	The effects of APOE on brain activity do not simply reflect the risk of Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 618.e1-618.e13	5.6	44
25	The effects of APOE on the functional architecture of the resting brain. <i>NeuroImage</i> , <b>2012</b> , 59, 565-72	7.9	107
24	Age-related adaptations of brain function during a memory task are also present at rest. <i>NeuroImage</i> , <b>2012</b> , 59, 3821-8	7.9	31
23	Differences in integrity of white matter and changes with training in spelling impaired children: a diffusion tensor imaging study. <i>Brain Structure and Function</i> , <b>2012</b> , 217, 747-60	4	33
22	Fractional anisotropy in the posterior limb of the internal capsule and prognosis in amyotrophic lateral sclerosis. <i>Archives of Neurology</i> , <b>2012</b> , 69, 1493-9		55

21	Language networks in anophthalmia: maintained hierarchy of processing in visual cortex. <i>Brain</i> , <b>2012</b> , 135, 1566-77	11.2	74
20	Differential effects of the APOE genotype on brain function across the lifespan. <i>NeuroImage</i> , <b>2011</b> , 54, 602-10	7.9	149
19	A meta-analysis of diffusion tensor imaging in mild cognitive impairment and Alzheimer disease. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 2322.e5-18	5.6	218
18	Other magnetic resonance imaging techniques. <i>International Psychogeriatrics</i> , <b>2011</b> , 23 Suppl 2, S50-7	3.4	3
17	SSRI administration reduces resting state functional connectivity in dorso-medial prefrontal cortex. <i>Molecular Psychiatry</i> , <b>2011</b> , 16, 592-4	15.1	87
16	The APOE e4 allele modulates brain white matter integrity in healthy adults. <i>Molecular Psychiatry</i> , <b>2011</b> , 16, 908-16	15.1	125
15	Brain functional changes in patients with ulcerative colitis: a functional magnetic resonance imaging study on emotional processing. <i>Inflammatory Bowel Diseases</i> , <b>2011</b> , 17, 1769-77	4.5	51
14	Integration of structural and functional magnetic resonance imaging in amyotrophic lateral sclerosis. <i>Brain</i> , <b>2011</b> , 134, 3470-9	11.2	195
13	Pronounced focal and diffuse brain damage predicts short-term disease evolution in patients with clinically isolated syndrome suggestive of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2011</b> , 17, 1432-40 <sup>5</sup>		17
12	Corpus callosum involvement is a consistent feature of amyotrophic lateral sclerosis. <i>Neurology</i> , <b>2010</b> , 75, 1645-52	6.5	222
11	Thalamic atrophy associated with painful osteoarthritis of the hip is reversible after arthroplasty: a longitudinal voxel-based morphometric study. <i>Arthritis and Rheumatism</i> , <b>2010</b> , 62, 2930-40		225
10	Assessment of arterial arrival times derived from multiple inversion time pulsed arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , <b>2010</b> , 63, 641-7	4.4	100
9	Regional atrophy of transcallosal prefrontal connections in cognitively normal APOE epsilon4 carriers. <i>Journal of Magnetic Resonance Imaging</i> , <b>2009</b> , 29, 1021-6	5.6	32
8	Correspondence of the brain functional architecture during activation and rest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 13040-5	11.5	3661
7	Distinct patterns of brain activity in young carriers of the APOE-epsilon4 allele. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 7209-14	11.5	1286
6	Anatomically-distinct genetic associations of APOE epsilon4 allele load with regional cortical atrophy in Alzheimer disease. <i>NeuroImage</i> , <b>2009</b> , 44, 724-8	7.9	124
5	Influence of serotonin receptor 2A His452Tyr polymorphism on brain temporal structures: a volumetric MR study. <i>European Journal of Human Genetics</i> , <b>2006</b> , 14, 443-9	5.3	31
4	Multimodal brain-age prediction and cardiovascular risk: The Whitehall II MRI sub-study		6

3	Accelerated aortic stiffness is associated with brain structure, perfusion and cognition in the Whitehall II Imaging Sub-study	1
2	Integrating large-scale neuroimaging research datasets: harmonisation of white matter hyperintensity measurements across Whitehall and UK Biobank datasets	2
1	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge	4