

Elisa Canu

List of Publications by Year in Descending Order

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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.

99 papers	3,440 citations	37 h-index	56 g-index
104 ext. papers	4,332 ext. citations	6.1 avg, IF	5.03 L-index

#	Paper	IF	Citations
99	Cognitive, EEG, and MRI features of COVID-19 survivors: a 10-month study.. <i>Journal of Neurology</i> , 2022 , 1	5.5	3
98	Measuring social cognition in frontotemporal lobar degeneration: a clinical approach. <i>Journal of Neurology</i> , 2021 , 1	5.5	1
97	Social cognition in the FTL spectrum: evidence from MRI. <i>Journal of Neurology</i> , 2021 , 1	5.5	1
96	Functional MRI connectivity of the primary motor cortex in functional dystonia patients. <i>Journal of Neurology</i> , 2021 , 1	5.5	1
95	Longitudinal clinical, cognitive, and neuroanatomical changes over 5 years in GBA-positive Parkinson's disease patients. <i>Journal of Neurology</i> , 2021 , 1	5.5	5
94	Brain Structural Changes in Focal Dystonia-What About Task Specificity? A Multimodal MRI Study. <i>Movement Disorders</i> , 2021 , 36, 196-205	7	13
93	Brain activity of the emotional circuit in Parkinson's disease patients with freezing of gait. <i>NeuroImage: Clinical</i> , 2021 , 30, 102649	5.3	3
92	Action Observation and Motor Imagery Improve Dual Task in Parkinson's Disease: A Clinical/fMRI Study. <i>Movement Disorders</i> , 2021 , 36, 2569-2582	7	5
91	A multiparametric MRI study of structural brain damage in dementia with lewy bodies: A comparison with Alzheimer's disease. <i>Parkinsonism and Related Disorders</i> , 2021 , 91, 154-161	3.6	1
90	Structural MRI Signatures in Genetic Presentations of the Frontotemporal Dementia/Motor Neuron Disease Spectrum. <i>Neurology</i> , 2021 , 97, e1594-e1607	6.5	3
89	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. <i>Translational Psychiatry</i> , 2021 , 11, 502	8.6	4
88	Dual-task clinical and functional MRI correlates in Parkinson's disease with postural instability and gait disorders. <i>Parkinsonism and Related Disorders</i> , 2021 , 91, 88-95	3.6	0
87	Progression of cognitive and behavioral disturbances in motor neuron diseases assessed using standard and computer-based batteries. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021 , 22, 223-236	3.6	1
86	Impaired recognition of disgust in amyotrophic lateral sclerosis is related to basal ganglia involvement. <i>NeuroImage: Clinical</i> , 2021 , 32, 102803	5.3	0
85	Progression of brain functional connectivity and frontal cognitive dysfunction in ALS. <i>NeuroImage: Clinical</i> , 2020 , 28, 102509	5.3	5
84	MRI of Motor and Nonmotor Therapy-Induced Complications in Parkinson's Disease. <i>Movement Disorders</i> , 2020 , 35, 724-740	7	3
83	Virtual reality and real-time neurofeedback functional MRI: a breakthrough in foreseeing Alzheimer's disease?. <i>Brain</i> , 2020 , 143, 722-726	11.2	3

82	Early functional MRI changes in a prodromal semantic variant of primary progressive aphasia: a longitudinal case report. <i>Journal of Neurology</i> , 2020 , 267, 3100-3104	5.5	1
81	Mega-analysis methods in ENIGMA: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2020 ,	5.9	19
80	Speech production differences in English and Italian speakers with nonfluent variant PPA. <i>Neurology</i> , 2020 , 94, e1062-e1072	6.5	11
79	Breakdown of the affective-cognitive network in functional dystonia. <i>Human Brain Mapping</i> , 2020 , 41, 3059-3076	5.9	9
78	Brain activity during lower limb movements in Parkinson's disease patients with and without freezing of gait. <i>Journal of Neurology</i> , 2020 , 267, 1116-1126	5.5	15
77	Structural and functional disconnections convey the pathology progression along the Alzheimer's continuum. <i>Molecular Psychiatry</i> , 2020 , 25, 1-1	15.1	6
76	An update on magnetic resonance imaging markers in AD. <i>Therapeutic Advances in Neurological Disorders</i> , 2020 , 13, 1756286420947986	6.6	4
75	ENIGMA-anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. <i>Human Brain Mapping</i> , 2020 ,	5.9	14
74	Tracking Cortical Changes Throughout Cognitive Decline in Parkinson's Disease. <i>Movement Disorders</i> , 2020 , 35, 1987-1998	7	15
73	Structural and functional brain connectome in motor neuron diseases: A multicenter MRI study. <i>Neurology</i> , 2020 , 95, e2552-e2564	6.5	11
72	Changes in functional and structural brain connectome along the Alzheimer's disease continuum. <i>Molecular Psychiatry</i> , 2020 , 25, 230-239	15.1	37
71	Cognitive impairment and structural brain damage in multiple system atrophy-parkinsonian variant. <i>Journal of Neurology</i> , 2020 , 267, 87-94	5.5	12
70	Survival prediction models in motor neuron disease. <i>European Journal of Neurology</i> , 2019 , 26, 1143-11526		11
69	Crossed aphasia confirmed by fMRI in a case with nonfluent variant of primary progressive aphasia carrying a GRN mutation. <i>Journal of Neurology</i> , 2019 , 266, 1274-1279	5.5	0
68	Northwestern Anagram Test-Italian (Nat-I) for primary progressive aphasia. <i>Cortex</i> , 2019 , 119, 497-510	3.8	4
67	Automated classification of Alzheimer's disease and mild cognitive impairment using a single MRI and deep neural networks. <i>NeuroImage: Clinical</i> , 2019 , 21, 101645	5.3	163
66	Added value of multimodal MRI to the clinical diagnosis of primary progressive aphasia variants. <i>Cortex</i> , 2019 , 113, 58-66	3.8	4
65	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's disease. <i>Molecular Psychiatry</i> , 2018 , 23, 459-466	15.1	38

64	Effects of pharmacological and nonpharmacological treatments on brain functional magnetic resonance imaging in Alzheimer's disease and mild cognitive impairment: a critical review. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 21	9	11
63	Functional and structural brain networks in posterior cortical atrophy: A two-centre multiparametric MRI study. <i>NeuroImage: Clinical</i> , 2018 , 19, 901-910	5.3	12
62	Role of habenula and amygdala dysfunction in Parkinson disease patients with puniding. <i>Neurology</i> , 2017 , 88, 2207-2215	6.5	23
61	Multiparametric MRI to distinguish early onset Alzheimer's disease and behavioural variant of frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2017 , 15, 428-438	5.3	33
60	Structural Brain Connectome and Cognitive Impairment in Parkinson Disease. <i>Radiology</i> , 2017 , 283, 515-525	5.5	64
59	Brain network connectivity differs in early-onset neurodegenerative dementia. <i>Neurology</i> , 2017 , 89, 1764-1772	5.3	53
58	White matter tract alterations in Parkinson's disease patients with puniding. <i>Parkinsonism and Related Disorders</i> , 2017 , 43, 85-91	3.6	16
57	Brain plasticity in Parkinson's disease with freezing of gait induced by action observation training. <i>Journal of Neurology</i> , 2017 , 264, 88-101	5.5	60
56	Structural brain correlates of cognitive and behavioral impairment in MND. <i>Human Brain Mapping</i> , 2016 , 37, 1614-26	5.9	64
55	fMRI in Psychiatric Disorders. <i>NeuroMethods</i> , 2016 , 657-697	0.4	
54	The cumulative effect of genetic polymorphisms on depression and brain structural integrity. <i>Human Brain Mapping</i> , 2016 , 37, 2173-84	5.9	8
53	Brain structural abnormalities in patients with major depression with or without generalized anxiety disorder comorbidity. <i>Journal of Neurology</i> , 2015 , 262, 1255-65	5.5	44
52	Differentiation between Subtypes of Primary Progressive Aphasia by Using Cortical Thickness and Diffusion-Tensor MR Imaging Measures. <i>Radiology</i> , 2015 , 276, 219-27	20.5	20
51	Mapping the Progression of Atrophy in Early- and Late-Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 351-64	4.3	48
50	A multimodal neuroimaging study of a case of crossed nonfluent/agrammatic primary progressive aphasia. <i>Journal of Neurology</i> , 2015 , 262, 2336-45	5.5	19
49	A selective review of structural connectivity abnormalities of schizophrenic patients at different stages of the disease. <i>Schizophrenia Research</i> , 2015 , 161, 19-28	3.6	131
48	Following the Spreading of Brain Structural Changes in Alzheimer's Disease: A Longitudinal, Multimodal MRI Study. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 995-1007	4.3	15
47	Multimodal Voxel-Based Meta-Analysis of White Matter Abnormalities in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 495-507	4.3	16

46	Brain structural and functional connectivity in Parkinson's disease with freezing of gait. <i>Human Brain Mapping</i> , 2015 , 36, 5064-78	5.9	97
45	White Matter Degeneration in Atypical Alzheimer Disease. <i>Radiology</i> , 2015 , 277, 162-72	20.5	37
44	Hereditary Spastic Paraplegia: Beyond Clinical Phenotypes toward a Unified Pattern of Central Nervous System Damage. <i>Radiology</i> , 2015 , 276, 207-18	20.5	24
43	Resting state functional connectivity alterations in primary lateral sclerosis. <i>Neurobiology of Aging</i> , 2014 , 35, 916-25	5.6	30
42	Patterns of brain structural changes in first-contact, antipsychotic drug-naive patients with schizophrenia. <i>American Journal of Neuroradiology</i> , 2014 , 35, 30-7	4.4	49
41	Myeloid microvesicles in cerebrospinal fluid are associated with myelin damage and neuronal loss in mild cognitive impairment and Alzheimer disease. <i>Annals of Neurology</i> , 2014 , 76, 813-25	9.4	62
40	Disrupted brain connectome in semantic variant of primary progressive aphasia. <i>Neurobiology of Aging</i> , 2014 , 35, 2646-2655	5.6	59
39	Midlife measurements of white matter microstructure predict subsequent regional white matter atrophy in healthy adults. <i>Human Brain Mapping</i> , 2014 , 35, 2044-54	5.9	32
38	Mild cognitive impairment in Parkinson's disease is associated with a distributed pattern of brain white matter damage. <i>Human Brain Mapping</i> , 2014 , 35, 1921-9	5.9	111
37	The topography of brain damage at different stages of Parkinson's disease. <i>Human Brain Mapping</i> , 2013 , 34, 2798-807	5.9	47
36	Supporting evidence for using biomarkers in the diagnosis of MCI due to AD. <i>Journal of Neurology</i> , 2013 , 260, 640-50	5.5	42
35	White matter microstructural damage in Alzheimer's disease at different ages of onset. <i>Neurobiology of Aging</i> , 2013 , 34, 2331-40	5.6	32
34	Divergent brain network connectivity in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2013 , 34, 419-27	5.6	116
33	Disruption of structural connectivity along the dorsal and ventral language pathways in patients with nonfluent and semantic variant primary progressive aphasia: a DT MRI study and a literature review. <i>Brain and Language</i> , 2013 , 127, 157-66	2.9	58
32	Functional network connectivity in the behavioral variant of frontotemporal dementia. <i>Cortex</i> , 2013 , 49, 2389-401	3.8	149
31	Diagnostic accuracy of markers for prodromal Alzheimer's disease in independent clinical series. <i>Alzheimer's and Dementia</i> , 2013 , 9, 677-86	1.2	43
30	The role of amyloid- β tau, and apolipoprotein E epsilon4 in Alzheimer disease: how is the team playing?. <i>American Journal of Neuroradiology</i> , 2013 , 34, 511-2	4.4	3
29	Brain network connectivity assessed using graph theory in frontotemporal dementia. <i>Neurology</i> , 2013 , 81, 134-43	6.5	99

28	Extramotor damage is associated with cognition in primary lateral sclerosis patients. <i>PLoS ONE</i> , 2013 , 8, e82017	3.7	28
27	White matter damage in frontotemporal lobar degeneration spectrum. <i>Cerebral Cortex</i> , 2012 , 22, 2705-14	5.1	117
26	Homocysteine, neural atrophy, and the effect of caloric restriction in rhesus monkeys. <i>Neurobiology of Aging</i> , 2012 , 33, 670-80	5.6	16
25	Early and late onset Alzheimer's disease patients have distinct patterns of white matter damage. <i>Neurobiology of Aging</i> , 2012 , 33, 1023-33	5.6	51
24	Ventral and dorsal visual streams in posterior cortical atrophy: a DT MRI study. <i>Neurobiology of Aging</i> , 2012 , 33, 2572-84	5.6	51
23	Neuroimaging findings in frontotemporal lobar degeneration spectrum of disorders. <i>Cortex</i> , 2012 , 48, 389-413	3.8	44
22	A calorie-restricted diet decreases brain iron accumulation and preserves motor performance in old rhesus monkeys. <i>Journal of Neuroscience</i> , 2012 , 32, 11897-904	6.6	28
21	Effect of memantine on resting state default mode network activity in Alzheimer's disease. <i>Drugs and Aging</i> , 2011 , 28, 205-17	4.7	50
20	Effects of aging and calorie restriction on white matter in rhesus macaques. <i>Neurobiology of Aging</i> , 2011 , 32, 2319.e1-11	5.6	34
19	Mapping the structural brain changes in Alzheimer's disease: the independent contribution of two imaging modalities. <i>Journal of Alzheimer's Disease</i> , 2011 , 26 Suppl 3, 263-74	4.3	35
18	Diffusion tensor magnetic resonance imaging tractography in progressive supranuclear palsy. <i>Movement Disorders</i> , 2011 , 26, 1752-5	7	31
17	Local amygdala structural differences with 3T MRI in patients with Alzheimer disease. <i>Neurology</i> , 2011 , 76, 727-33	6.5	56
16	The topography of brain microstructural damage in amyotrophic lateral sclerosis assessed using diffusion tensor MR imaging. <i>American Journal of Neuroradiology</i> , 2011 , 32, 1307-14	4.4	49
15	Cognitive functions and white matter tract damage in amyotrophic lateral sclerosis: a diffusion tensor tractography study. <i>American Journal of Neuroradiology</i> , 2011 , 32, 1866-72	4.4	78
14	A calorie-restricted diet decreases brain iron accumulation and preserves motor performance in old rhesus monkeys. <i>Journal of Neuroscience</i> , 2010 , 30, 7940-7	6.6	42
13	Age-related changes in neural volume and microstructure associated with interleukin-6 are ameliorated by a calorie-restricted diet in old rhesus monkeys. <i>NeuroImage</i> , 2010 , 51, 987-94	7.9	46
12	White matter is altered with parental family history of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2010 , 6, 394-403	1.2	85
11	Preliminary evidence of validity of the revised criteria for Alzheimer disease diagnosis: report of 2 cases. <i>Alzheimer Disease and Associated Disorders</i> , 2010 , 24, 108-14	2.5	10

10	Microstructural diffusion changes are independent of macrostructural volume loss in moderate to severe Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 963-76	4.3	71
9	The new Alzheimer's criteria in a naturalistic series of patients with mild cognitive impairment. <i>Journal of Neurology</i> , 2010 , 257, 2004-14	5.5	38
8	Assessment of white matter tract damage in mild cognitive impairment and Alzheimer's disease. <i>Human Brain Mapping</i> , 2010 , 31, 1862-75	5.9	102
7	HOXA1 A218G polymorphism is associated with smaller cerebellar volume in healthy humans. <i>Journal of Neuroimaging</i> , 2009 , 19, 353-8	2.8	11
6	H1 haplotype of the MAPT gene is associated with lower regional gray matter volume in healthy carriers. <i>European Journal of Human Genetics</i> , 2009 , 17, 287-94	5.3	9
5	Mapping local hippocampal changes in Alzheimer's disease and normal ageing with MRI at 3 Tesla. <i>Brain</i> , 2008 , 131, 3266-76	11.2	174
4	The added value of neuropsychologic tests and structural imaging for the etiologic diagnosis of dementia in Italian expert centers. <i>Alzheimer Disease and Associated Disorders</i> , 2008 , 22, 309-20	2.5	13
3	Prescription patterns and efficacy of drugs for patients with dementia: physicians' perspective in Italy. <i>Aging Clinical and Experimental Research</i> , 2007 , 19, 349-55	4.8	7
2	Drug prescription in mild cognitive impairment: the physicians' perspective in Italy. <i>International Journal of Geriatric Psychiatry</i> , 2006 , 21, 1071-7	3.9	10
1	Intellectual dysfunction ³⁴⁻⁶⁴		