

# Giovanna Zamboni

## List of Publications by Year in descending order

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86  
papers

3,664  
citations

172457

29  
h-index

144013

57  
g-index

97  
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97  
docs citations

97  
times ranked

6060  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of transfer learning on <sc>3D</sc> deep learning convolutional neural network segmentation of the hippocampus in mild cognitive impairment and Alzheimer disease subjects. <i>Human Brain Mapping</i> , 2022, 43, 3427-3438.	3.6	10
2	Eliciting Implicit Awareness in Alzheimer's Disease and Mild Cognitive Impairment: A Task-Based Functional MRI Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 816648.	3.4	3
3	Pure word deafness: a case report of an atypical manifestation of Alzheimer's disease. <i>Neurological Sciences</i> , 2022, 43, 5275-5279.	1.9	2
4	Detection of Alzheimer's Disease using cortical diffusion tensor imaging. <i>Human Brain Mapping</i> , 2021, 42, 967-977.	3.6	22
5	Cortical diffusivity investigation in posterior cortical atrophy and typical Alzheimer's disease. <i>Journal of Neurology</i> , 2021, 268, 227-239.	3.6	10
6	Epidemiology of early onset dementia and its clinical presentations in the province of Modena, Italy. <i>Alzheimer's and Dementia</i> , 2021, 17, 81-88.	0.8	27
7	Splenic white matter integrity is associated with memory impairments in posterior cortical atrophy. <i>Brain Communications</i> , 2021, 3, fcab060.	3.3	3
8	Anosognosia in Early- and Late-Onset Dementia and Its Association With Neuropsychiatric Symptoms. <i>Frontiers in Psychiatry</i> , 2021, 12, 658934.	2.6	6
9	Determinants of Caregiver Burden in Early-Onset Dementia. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2021, 11, 189-197.	1.3	14
10	Integrating large-scale neuroimaging research datasets: Harmonisation of white matter hyperintensity measurements across Whitehall and UK Biobank datasets. <i>NeuroImage</i> , 2021, 237, 118189.	4.2	10
11	Triplanar ensemble U-Net model for white matter hyperintensities segmentation on MR images. <i>Medical Image Analysis</i> , 2021, 73, 102184.	11.6	29
12	Comparison of domain adaptation techniques for white matter hyperintensity segmentation in brain MR images. <i>Medical Image Analysis</i> , 2021, 74, 102215.	11.6	9
13	Premorbid personality in the frontotemporal dementia - amyotrophic lateral sclerosis spectrum. <i>Journal of the Neurological Sciences</i> , 2021, 429, 119232.	0.6	0
14	Prevalence rates of early onset Alzheimer's disease and fronto-temporal dementia clinical phenotypes among age groups in the Province of Modena, Italy. <i>Journal of the Neurological Sciences</i> , 2021, 429, 118999.	0.6	0
15	Dietary Habits and Risk of Early-Onset Dementia in an Italian Case-Control Study. <i>Nutrients</i> , 2020, 12, 3682.	4.1	30
16	White matter integrity linked to memory retrieval deficits in posterior cortical atrophy. <i>Alzheimer's and Dementia</i> , 2020, 16, e041942.	0.8	0
17	Determinants of caregiver burden in early onset dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e043957.	0.8	1
18	The epidemiology of the different clinical presentations of early onset dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e044088.	0.8	0

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19	Environmental Risk Factors for Early-Onset Alzheimer's Dementia and Frontotemporal Dementia: A Case-Control Study in Northern Italy. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7941.	2.6	22
20	Disseminated leptomeningeal tumour mimicking a subarachnoid haemorrhage. <i>Neuroradiology Journal</i> , 2019, 32, 53-56.	1.2	5
21	Automated lesion segmentation with BIANCA: Impact of population-level features, classification algorithm and locally adaptive thresholding. <i>NeuroImage</i> , 2019, 202, 116056.	4.2	32
22	Age-dependent association of white matter abnormality with cognition after TIA or minor stroke. <i>Neurology</i> , 2019, 93, e272-e282.	1.1	27
23	Attention network dysfunction underlies memory impairment in posterior cortical atrophy. <i>NeuroImage: Clinical</i> , 2019, 22, 101773.	2.7	27
24	Hippocampal network abnormalities explain amnesia after VGKCC-Ab related autoimmune limbic encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 965-974.	1.9	32
25	Longitudinal Brain Atrophy Rates in Transient Ischemic Attack and Minor Ischemic Stroke Patients and Cognitive Profiles. <i>Frontiers in Neurology</i> , 2019, 10, 18.	2.4	15
26	Selenium and selenium species in the etiology of Alzheimer's dementia: The potential for bias of the case-control study design. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 53, 154-162.	3.0	29
27	WPI-23...Vascular collagen 4A1 in subcortical white matter of older people and primates. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, e7.3-e8.	1.9	0
28	Modelling the distribution of white matter hyperintensities due to ageing on MRI images using Bayesian inference. <i>NeuroImage</i> , 2019, 185, 434-445.	4.2	9
29	APOE genotype and cognition in healthy individuals at risk of Alzheimer's disease: A review. <i>Cortex</i> , 2018, 104, 103-123.	2.4	135
30	Gait in Mild Alzheimer's Disease: Feasibility of Multi-Center Measurement in the Clinic and Home with Body-Worn Sensors: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 331-341.	2.6	42
31	Exploring variability in basal ganglia connectivity with functional MRI in healthy aging. <i>Brain Imaging and Behavior</i> , 2018, 12, 1822-1827.	2.1	16
32	Imaging A $\beta$ and tau in early stage Alzheimer's disease with [18F]AV45 and [18F]AV1451. <i>EJNMMI Research</i> , 2018, 8, 19.	2.5	14
33	Association between precuneus volume and autobiographical memory impairment in posterior cortical atrophy: Beyond the visual syndrome. <i>NeuroImage: Clinical</i> , 2018, 18, 822-834.	2.7	43
34	Classification and characterization of periventricular and deep white matter hyperintensities on MRI: A study in older adults. <i>NeuroImage</i> , 2018, 170, 174-181.	4.2	191
35	A $\beta$ <sub>42</sub> /A $\beta$ <sub>40</sub> and A $\beta$ <sub>42</sub> /A $\beta$ <sub>38</sub> Ratios Are Associated with Measures of Gait Variability and Activities of Daily Living in Mild Alzheimer's Disease: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 1377-1383.	2.6	23
36	Neural Correlates of Anosognosia in Alzheimer's Disease and Mild Cognitive Impairment: A Multi-Method Assessment. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 100.	2.0	33

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37	Lateral parietal contributions to memory impairment in posterior cortical atrophy. <i>NeuroImage: Clinical</i> , 2018, 20, 252-259.	2.7	25
38	White Matter Imaging Correlates of Early Cognitive Impairment Detected by the Montreal Cognitive Assessment After Transient Ischemic Attack and Minor Stroke. <i>Stroke</i> , 2017, 48, 1539-1547.	2.0	38
39	Clinical Correlates, Ethnic Differences, and Prognostic Implications of Perivascular Spaces in Transient Ischemic Attack and Ischemic Stroke. <i>Stroke</i> , 2017, 48, 1470-1477.	2.0	54
40	[P3â€™514]: NAMING IMPROVEMENT IN PRIMARY PROGRESSIVE APHASIA FOLLOWING LEXICAL TRAINING. <i>Alzheimer's and Dementia</i> , 2017, 13, P1174.	0.8	0
41	[P3â€™270]: VISUAL IMAGERY AND AUTOBIOGRAPHICAL MEMORY IMPAIRMENT IN POSTERIOR CORTICAL ATROPHY. <i>Alzheimer's and Dementia</i> , 2017, 13, P1046.	0.8	0
42	12â€™..Characterising remote memory in posterior cortical atrophy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, A17.1-A17.	1.9	1
43	[P1â€™027]: PET TAU AND AMYLOIDâ€™BETA DIFFER IN THEIR RELATIONSHIP TO AGE, COGNITION AND CSF BIOMARKERS IN MILD ALZHEIMER'S DISEASE: AN OBSERVATIONAL STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P243.	0.8	0
44	[P4â€™033]: DEEP AND FREQUENT PHENOTYPING: A FEASIBILITY STUDY FOR EXPERIMENTAL MEDICINE IN DEMENTIA. <i>Alzheimer's and Dementia</i> , 2017, 13, P1268.	0.8	2
45	[P4â€™215]: NEW DIFFUSION IMAGING MEASUREMENTS OF CELLULAR ORGANISATION IN THE CORTEX IDENTIFY ALZHEIMER'S DISEASE AND PROGRESSIVE MCI. <i>Alzheimer's and Dementia</i> , 2017, 13, P1349.	0.8	0
46	[P1â€™364]: WHITE MATTER HYPERINTENSITIES ARE NOT RELATED TO COGNITION IN OLDERâ€™OLD PATIENTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P398.	0.8	0
47	[P1â€™448]: PET TAU AND AMYLOIDâ€™BETA DIFFER IN THEIR RELATIONSHIP TO AGE, COGNITION AND CSF BIOMARKERS IN MILD ALZHEIMER'S DISEASE: AN OBSERVATIONAL STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P456.	0.8	0
48	[P2â€™341]: MEMORY IMPAIRMENT IN PCA IS ASSOCIATED WITH DYSFUNCTION IN THE DORSAL ATTENTION NETWORK. <i>Alzheimer's and Dementia</i> , 2017, 13, P752.	0.8	0
49	PET Tau and Amyloid- $\beta$ Burden in Mild Alzheimerâ€™s Disease: Divergent Relationship with Age, Cognition, and Cerebrospinal Fluid Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 283-293.	2.6	67
50	Donepezil Enhances Frontal Functional Connectivity in Alzheimer's Disease: A Pilot Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2017, 6, 518-528.	1.3	17
51	A selenium species in cerebrospinal fluid predicts conversion to Alzheimerâ€™s dementia in persons with mild cognitive impairment. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 100.	6.2	75
52	Brain imaging in dementia. <i>Postgraduate Medical Journal</i> , 2016, 92, 333-340.	1.8	24
53	Tocilizumab-associated multifocal cerebral thrombotic microangiopathy. <i>Neurology: Clinical Practice</i> , 2016, 6, e24-e26.	1.6	22
54	BIANCA (Brain Intensity AbNormality Classification Algorithm): A new tool for automated segmentation of white matter hyperintensities. <i>NeuroImage</i> , 2016, 141, 191-205.	4.2	308

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55	Challenges in the reproducibility of clinical studies with resting state fMRI: An example in early Parkinson's disease. <i>NeuroImage</i> , 2016, 124, 704-713.	4.2	81
56	Functional specialization and network connectivity in brain function. , 2016, , 17-26.		0
57	The neural bases for devaluing radical political statements revealed by penetrating traumatic brain injury. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1038-1044.	3.0	16
58	Aberrant functional connectivity within the basal ganglia of patients with Parkinson's disease. <i>NeuroImage: Clinical</i> , 2015, 8, 126-132.	2.7	45
59	Aberrant Functional Connectivity in Dissociable Hippocampal Networks Is Associated with Deficits in Memory. <i>Journal of Neuroscience</i> , 2014, 34, 4920-4928.	3.6	71
60	Functional connectivity in the basal ganglia network differentiates PD patients from controls. <i>Neurology</i> , 2014, 83, 208-214.	1.1	159
61	RESTING STATE FMRI DISCERNs EARLY PARKINSON'S FROM CONTROLS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, e4.118-e4.	1.9	0
62	Recovery from Emotion Recognition Impairment after Temporal Lobectomy. <i>Frontiers in Neurology</i> , 2014, 5, 92.	2.4	14
63	Role of Depression in Predicting Time to Conversion to Mild Cognitive Impairment. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 727-734.	1.2	12
64	Structural and functional bases of visuospatial associative memory in older adults. <i>Neurobiology of Aging</i> , 2013, 34, 961-972.	3.1	15
65	Neuroanatomy of impaired self-awareness in Alzheimer's disease and mild cognitive impairment. <i>Cortex</i> , 2013, 49, 668-678.	2.4	83
66	Resting Functional Connectivity Reveals Residual Functional Activity in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2013, 74, 375-383.	1.3	59
67	Brain Microstructure Reveals Early Abnormalities more than Two Years prior to Clinical Progression from Mild Cognitive Impairment to Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2013, 33, 2147-2155.	3.6	161
68	RESTING FUNCTIONAL CONNECTIVITY REVEALS RESIDUAL FUNCTIONAL ACTIVITY IN ALZHEIMER'S DISEASE. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, e2.138-e2.	1.9	0
69	Differences in Cognitive Profile between TIA, Stroke and Elderly Memory Research Subjects: A Comparison of the MMSE and MoCA. <i>Cerebrovascular Diseases</i> , 2012, 34, 48-54.	1.7	102
70	“My sister’s hand is in my bed”: a case of somatoparaphrenia. <i>Neurological Sciences</i> , 2012, 33, 1205-1207.	1.9	8
71	Profiles of cognitive subtest impairment in the Montreal Cognitive Assessment (MoCA) in a research cohort with normal Mini-Mental State Examination (MMSE) scores. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 750-757.	1.3	73
72	Structural MRI changes detectable up to ten years before clinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 825.e25-825.e36.	3.1	185

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73	Lack of awareness of symptoms in people with dementia: the structural and functional basis. <i>International Journal of Geriatric Psychiatry</i> , 2011, 26, 783-792.	2.7	51
74	Regional Brain Atrophy and Impaired Decision Making on the Balloon Analog Risk Task in Behavioral Variant Frontotemporal Dementia. <i>Cognitive and Behavioral Neurology</i> , 2011, 24, 59-67.	0.9	26
75	Interest in politics modulates neural activity in the amygdala and ventral striatum. <i>Human Brain Mapping</i> , 2010, 31, 1763-1771.	3.6	21
76	Lower Lateral Orbitofrontal Cortex Density Associated With More Frequent Exposure to Television and Movie Violence in Male Adolescents. <i>Journal of Adolescent Health</i> , 2010, 46, 607-609.	2.5	14
77	Anosognosia for Behavioral Disturbances in Frontotemporal Dementia and Corticobasal Syndrome: A Voxel-Based Morphometry Study. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 29, 88-96.	1.5	48
78	Executive dysfunction in frontotemporal dementia and corticobasal syndrome. <i>Neurology</i> , 2009, 72, 453-459.	1.1	94
79	Individualism, conservatism, and radicalism as criteria for processing political beliefs: A parametric fMRI study. <i>Social Neuroscience</i> , 2009, 4, 367-383.	1.3	61
80	The neural bases of key competencies of emotional intelligence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22486-22491.	7.1	75
81	Cognitive and neural foundations of religious belief. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4876-4881.	7.1	281
82	Neural Correlates of Caregiver Burden in Cortical Basal Syndrome and Frontotemporal Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2008, 26, 467-474.	1.5	21
83	Apathy and disinhibition in frontotemporal dementia. <i>Neurology</i> , 2008, 71, 736-742.	1.1	261
84	“Seeing oneself”: a case of autoscopia. <i>Neurocase</i> , 2005, 11, 212-215.	0.6	28
85	Impaired fear processing in right mesial temporal sclerosis: a fMRI study. <i>Brain Research Bulletin</i> , 2004, 63, 269-281.	3.0	72
86	The role of MRI in the early diagnosis of Alzheimer’s disease or other dementias in persons with mild cognitive impairment (MCI). <i>The Cochrane Library</i> , 0, , .	2.8	10