# Federica Agosta

# 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.

265 11,973 63 97 g-index

283 14,336 6.5 6.23 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
265	Functional connectivity in Parkinson's disease candidates for deep brain stimulation <i>Npj Parkinsonls Disease</i> , <b>2022</b> , 8, 4	9.7	2
264	Neurogenetic traits outline vulnerability to cortical disruption in Parkinson's disease <i>NeuroImage: Clinical</i> , <b>2022</b> , 33, 102941	5.3	2
263	Amyloid-Related Imaging Abnormalities and EAmyloid-Targeting Antibodies: A Systematic Review  JAMA Neurology, <b>2022</b> ,	17.2	4
262	Alterations of brain structural MRI are associated with outcome of surgical treatment in trigeminal neuralgia. <i>European Journal of Neurology</i> , <b>2022</b> , 29, 305-317	6	1
261	Cognitive, EEG, and MRI features of COVID-19 survivors: a 10-month study <i>Journal of Neurology</i> , <b>2022</b> , 1	5.5	3
260	Accuracy of the clinical diagnosis of dementia with Lewy bodies (DLB) among the Italian Dementia Centers: a study by the Italian DLB study group (DLB-SINdem) <i>Neurological Sciences</i> , <b>2022</b> , 1	3.5	
259	Variants in a Cohort of Italian Patients With Amyotrophic Lateral Sclerosis <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 833051	5.1	1
258	Progression of grey and white matter brain damage in Parkinson's disease: a critical review of structural MRI literature. <i>Journal of Neurology</i> , <b>2021</b> , 268, 3144-3179	5.5	20
257	Longitudinal brain connectivity changes and clinical evolution in Parkinson's disease. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 5429-5440	15.1	11
256	Measuring social cognition in frontotemporal lobar degeneration: a clinical approach. <i>Journal of Neurology</i> , <b>2021</b> , 1	5.5	1
255	Social cognition in the FTLD spectrum: evidence from MRI. <i>Journal of Neurology</i> , <b>2021</b> , 1	5.5	1
254	Functional MRI connectivity of the primary motor cortex in functional dystonia patients. <i>Journal of Neurology</i> , <b>2021</b> , 1	5.5	1
253	Functional Connectomics and Disease Progression in Drug-NaWe Parkinson's Disease Patients. <i>Movement Disorders</i> , <b>2021</b> , 36, 1603-1616	7	4
252	Virtual reality balance training to improve balance and mobility in Parkinson's disease: a systematic review and meta-analysis. <i>Journal of Neurology</i> , <b>2021</b> , 1	5.5	3
251	Striatal Atrophy and Hypometabolism in Drug-Resistant Non-Ketotic Hyperglycemic Chorea-Ballism. <i>Movement Disorders Clinical Practice</i> , <b>2021</b> , 8, 486-488	2.2	
250	Longitudinal clinical, cognitive, and neuroanatomical changes over 5 years in GBA-positive Parkinson's disease patients. <i>Journal of Neurology</i> , <b>2021</b> , 1	5.5	5
249	Brain Structural Changes in Focal Dystonia-What About Task Specificity? A Multimodal MRI Study. <i>Movement Disorders</i> , <b>2021</b> , 36, 196-205	7	13

## (2020-2021)

248	Brain structural alterations in patients with mutations associated DOPA-responsive dystonia. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 332-333	5.5	1
247	Frontotemporal Lobar Degeneration <b>2021</b> , 61-89		
246	Brain activity of the emotional circuit in Parkinson's disease patients with freezing of gait. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102649	5.3	3
245	Parkinsonian Dementias <b>2021</b> , 91-117		
244	Resting-state electroencephalographic biomarkers of Alzheimer's disease. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102711	5.3	3
243	Action Observation and Motor Imagery Improve Dual Task in Parkinson's Disease: A Clinical/fMRI Study. <i>Movement Disorders</i> , <b>2021</b> , 36, 2569-2582	7	5
242	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> , <b>2021</b> , 91, 154-161	3.6	1
241	Structural MRI Signatures in Genetic Presentations of the Frontotemporal Dementia/Motor Neuron Disease Spectrum. <i>Neurology</i> , <b>2021</b> , 97, e1594-e1607	6.5	3
240	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 502	8.6	4
239	Dual-task clinical and functional MRI correlates in Parkinson's disease with postural instability and gait disorders. <i>Parkinsonism and Related Disorders</i> , <b>2021</b> , 91, 88-95	3.6	O
238	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> , <b>2021</b> , 22, 223-236	3.6	1
237	Impaired recognition of disgust in amyotrophic lateral sclerosis is related to basal ganglia involvement. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102803	5.3	Ο
236	Progression of brain functional connectivity and frontal cognitive dysfunction in ALS. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102509	5.3	5
235	Burden of Rare Variants in ALS and Axonal Hereditary Neuropathy Genes Influence Survival in ALS: Insights from a Next Generation Sequencing Study of an Italian ALS Cohort. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
234	Cerebral involvement in COVID-19 is associated with metabolic and coagulation derangements: an EEG study. <i>Journal of Neurology</i> , <b>2020</b> , 267, 3130-3134	5.5	19
233	MRI of Motor and Nonmotor Therapy-Induced Complications in Parkinson's Disease. <i>Movement Disorders</i> , <b>2020</b> , 35, 724-740	7	3
232	Temporal variant of frontotemporal dementia in C9orf72 repeat expansion carriers: two case studies. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 336-345	4.1	2
231	Virtual reality and real-time neurofeedback functional MRI: a breakthrough in foreseeing Alzheimer's disease?. <i>Brain</i> , <b>2020</b> , 143, 722-726	11.2	3

230	Structural MRI outcomes and predictors of disease progression in amyotrophic lateral sclerosis. NeuroImage: Clinical, <b>2020</b> , 27, 102315	5.3	6
229	Early functional MRI changes in a prodromal semantic variant of primary progressive aphasia: a longitudinal case report. <i>Journal of Neurology</i> , <b>2020</b> , 267, 3100-3104	5.5	1
228	Focus on the heterogeneity of amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2020</b> , 21, 485-495	3.6	14
227	Speech production differences in English and Italian speakers with nonfluent variant PPA. <i>Neurology</i> , <b>2020</b> , 94, e1062-e1072	6.5	11
226	Breakdown of the affective-cognitive network in functional dystonia. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 3059-3076	5.9	9
225	Neurodegenerative Diseases and Changes in Artistic Expression <b>2020</b> , 27-39		
224	Sensory trick phenomenon in cervical dystonia: a functional MRI study. <i>Journal of Neurology</i> , <b>2020</b> , 267, 1103-1115	5.5	10
223	Brain activity during lower limb movements in Parkinson's disease patients with and without freezing of gait. <i>Journal of Neurology</i> , <b>2020</b> , 267, 1116-1126	5.5	15
222	Functional brain connectome in posterior cortical atrophy. NeuroImage: Clinical, 2020, 25, 102100	5.3	10
221	Structural and functional disconnections convey the pathology progression along the Alzheimer continuum. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 1-1	15.1	6
220	An update on magnetic resonance imaging markers in AD. <i>Therapeutic Advances in Neurological Disorders</i> , <b>2020</b> , 13, 1756286420947986	6.6	4
219	Amyloid-PET and F-FDG-PET in the diagnostic investigation of Alzheimer's disease and other dementias. <i>Lancet Neurology, The</i> , <b>2020</b> , 19, 951-962	24.1	95
218	Progressive brain atrophy and clinical evolution in Parkinson's disease. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102374	5.3	14
217	Voxel-based morphometry and task functional magnetic resonance imaging in essential tremor: evidence for a disrupted brain network. <i>Scientific Reports</i> , <b>2020</b> , 10, 15061	4.9	5
216	Deep learning: a turning point in acute neurology. The Lancet Digital Health, 2020, 2, e273-e274	14.4	О
215	ENIGMA-anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. <i>Human Brain Mapping</i> , <b>2020</b> ,	5.9	14
214	Clinical features and outcomes of the flail arm and flail leg and pure lower motor neuron MND variants: a multicentre Italian study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2020</b> , 91, 1001-1	903	6
213	Tracking Cortical Changes Throughout Cognitive Decline in Parkinson's Disease. <i>Movement Disorders</i> , <b>2020</b> , 35, 1987-1998	7	15

## (2018-2020)

212	Structural and functional brain connectome in motor neuron diseases: A multicenter MRI study. <i>Neurology</i> , <b>2020</b> , 95, e2552-e2564	6.5	11
211	Changes in functional and structural brain connectome along the Alzheimer's disease continuum. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 230-239	15.1	37
210	Are there two different forms of functional dystonia? A multimodal brain structural MRI study. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 3350-3359	15.1	18
209	Cognitive impairment and structural brain damage in multiple system atrophy-parkinsonian variant. Journal of Neurology, <b>2020</b> , 267, 87-94	5.5	12
208	Serum phosphorylated neurofilament heavy-chain levels reflect phenotypic heterogeneity and are an independent predictor of survival in motor neuron disease. <i>Journal of Neurology</i> , <b>2020</b> , 267, 2272-22	<b>85</b> 0 <sup>5</sup>	15
207	Resting-state Functional MRI in Parkinsonian Syndromes. <i>Movement Disorders Clinical Practice</i> , <b>2019</b> , 6, 104-117	2.2	23
206	Can action observation modulate balance performance in healthy subjects?. <i>Archives of Physiotherapy</i> , <b>2019</b> , 9, 1	2.5	11
205	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 425	4.1	6
204	Concurrence of NMOSD and ALS in a patient with hexanucleotide repeat expansions of C9orf72. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2019</b> , 20, 449-452	3.6	1
203	White Matter Microstructure Breakdown in the Motor Neuron Disease Spectrum: Recent Advances Using Diffusion Magnetic Resonance Imaging. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 193	4.1	3
202	Brain MRI shows white matter sparing in Kennedy's disease and slow-progressing lower motor neuron disease. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 3102-3112	5.9	6
201	Crossed aphasia confirmed by fMRI in a case with nonfluent variant of primary progressive aphasia carrying a GRN mutation. <i>Journal of Neurology</i> , <b>2019</b> , 266, 1274-1279	5.5	О
200	Resting State Dynamic Functional Connectivity in Neurodegenerative Conditions: A Review of Magnetic Resonance Imaging Findings. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 657	5.1	31
199	Northwestern Anagram Test-Italian (Nat-I) for primary progressive aphasia. <i>Cortex</i> , <b>2019</b> , 119, 497-510	3.8	4
198	Frequency of the TREM2 R47H Variant in Various Neurodegenerative Disorders. <i>Alzheimer Disease and Associated Disorders</i> , <b>2019</b> , 33, 327-330	2.5	6
197	Automated classification of Alzheimer's disease and mild cognitive impairment using a single MRI and deep neural networks. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101645	5.3	163
196	Added value of multimodal MRI to the clinical diagnosis of primary progressive aphasia variants. <i>Cortex</i> , <b>2019</b> , 113, 58-66	3.8	4
195	Neuroimaging in amyotrophic lateral sclerosis: current and emerging uses. <i>Expert Review of Neurotherapeutics</i> , <b>2018</b> , 18, 395-406	4.3	25

194	Unraveling ALS due to mutation through the combination of brain and cervical cord MRI. <i>Neurology</i> , <b>2018</b> , 90, e707-e716	6.5	23
193	Tracking brain damage in progressive supranuclear palsy: a longitudinal MRI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 696-701	5.5	14
192	Progression of white matter damage in progressive supranuclear palsy with predominant parkinsonism. <i>Parkinsonism and Related Disorders</i> , <b>2018</b> , 49, 95-99	3.6	10
191	Mirror therapy for an adult with central post-stroke pain: a case report. <i>Archives of Physiotherapy</i> , <b>2018</b> , 8, 4	2.5	5
190	Automated assessment of FDG-PET for differential diagnosis in patients with neurodegenerative disorders. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1557-1566	8.8	24
189	Clinical utility of FDG-PET in amyotrophic lateral sclerosis and Huntington's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1546-1556	8.8	17
188	Perfusion alterations converge with patterns of pathological spread in transactive response DNA-binding protein 43 proteinopathies. <i>Neurobiology of Aging</i> , <b>2018</b> , 68, 85-92	5.6	6
187	Clinical utility of FDG-PET for the clinical diagnosis in MCI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1497-1508	8.8	38
186	Exploring the relationship between motor impairment, vascular burden and cognition in Parkinson's disease. <i>Journal of Neurology</i> , <b>2018</b> , 265, 1320-1327	5.5	16
	, 33,		
185	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's disease. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 459-466	15.1	38
185 184	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's	15.1 5·3	38 25
	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's disease. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 459-466  Fast progressive lower motor neuron disease is an ALS variant: A two-centre tract of interest-based		
184	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's disease. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 459-466  Fast progressive lower motor neuron disease is an ALS variant: A two-centre tract of interest-based MRI data analysis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 145-152  Brain motor functional changes after somatosensory discrimination training. <i>Brain Imaging and</i>	5.3	25
184	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's disease. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 459-466  Fast progressive lower motor neuron disease is an ALS variant: A two-centre tract of interest-based MRI data analysis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 145-152  Brain motor functional changes after somatosensory discrimination training. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 1011-1021  Effects of pharmacological and nonpharmacological treatments on brain functional magnetic resonance imaging in Alzheimer's disease and mild cognitive impairment: a critical review.	5.3	25
184 183 182	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's disease. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 459-466  Fast progressive lower motor neuron disease is an ALS variant: A two-centre tract of interest-based MRI data analysis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 145-152  Brain motor functional changes after somatosensory discrimination training. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 1011-1021  Effects of pharmacological and nonpharmacological treatments on brain functional magnetic resonance imaging in Alzheimer's disease and mild cognitive impairment: a critical review. <i>Alzheimerls Research and Therapy</i> , <b>2018</b> , 10, 21  Clinical utility of FDG-PET for the differential diagnosis among the main forms of dementia.	5·3 4·1 9	25 12 11
184 183 182	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's disease. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 459-466  Fast progressive lower motor neuron disease is an ALS variant: A two-centre tract of interest-based MRI data analysis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 145-152  Brain motor functional changes after somatosensory discrimination training. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 1011-1021  Effects of pharmacological and nonpharmacological treatments on brain functional magnetic resonance imaging in Alzheimer's disease and mild cognitive impairment: a critical review. <i>Alzheimerls Research and Therapy</i> , <b>2018</b> , 10, 21  Clinical utility of FDG-PET for the differential diagnosis among the main forms of dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1509-1525  MRI of non-Alzheimer's dementia: current and emerging knowledge. <i>Current Opinion in Neurology</i> ,	5·3 4·1 9 8.8	25 12 11 55
184 183 182 181	Brain structural and functional signatures of impulsive-compulsive behaviours in Parkinson's disease. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 459-466  Fast progressive lower motor neuron disease is an ALS variant: A two-centre tract of interest-based MRI data analysis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 145-152  Brain motor functional changes after somatosensory discrimination training. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 1011-1021  Effects of pharmacological and nonpharmacological treatments on brain functional magnetic resonance imaging in Alzheimer's disease and mild cognitive impairment: a critical review. <i>Alzheimerls Research and Therapy</i> , <b>2018</b> , 10, 21  Clinical utility of FDG-PET for the differential diagnosis among the main forms of dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1509-1525  MRI of non-Alzheimer's dementia: current and emerging knowledge. <i>Current Opinion in Neurology</i> , <b>2018</b> , 31, 405-414  Diagnostic utility of FDG-PET in the differential diagnosis between different forms of primary	5.3 4.1 9 8.8 7.1	25 12 11 55

176	Functional MRI in Idiopathic Parkinson's Disease. International Review of Neurobiology, 2018, 141, 439-	4647.4	27
175	Clinical utility of FDG PET in Parkinson's disease and atypical parkinsonism associated with dementia. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1534-1545	8.8	60
174	Diagnostic utility of 18F-Fluorodeoxyglucose positron emission tomography (FDG-PET) in asymptomatic subjects at increased risk for Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1487-1496	8.8	22
173	Functional and structural brain networks in posterior cortical atrophy: A two-centre multiparametric MRI study. <i>NeuroImage: Clinical</i> , <b>2018</b> , 19, 901-910	5.3	12
172	The European DTI Study on Dementia - A multicenter DTI and MRI study on Alzheimer's disease and Mild Cognitive Impairment. <i>NeuroImage</i> , <b>2017</b> , 144, 305-308	7.9	15
171	Typical and atypical pathology in primary progressive aphasia variants. <i>Annals of Neurology</i> , <b>2017</b> , 81, 430-443	9.4	192
170	Role of habenula and amygdala dysfunction in Parkinson disease patients with punding. <i>Neurology</i> , <b>2017</b> , 88, 2207-2215	6.5	23
169	Multiparametric MRI to distinguish early onset Alzheimer's disease and behavioural variant of frontotemporal dementia. <i>NeuroImage: Clinical</i> , <b>2017</b> , 15, 428-438	5.3	33
168	Structural and functional brain signatures of C9orf72 in motor neuron disease. <i>Neurobiology of Aging</i> , <b>2017</b> , 57, 206-219	5.6	35
167	Structural Brain Connectome and Cognitive Impairment in Parkinson Disease. <i>Radiology</i> , <b>2017</b> , 283, 51.	5- <b>5</b> 255	64
167 166	Structural Brain Connectome and Cognitive Impairment in Parkinson Disease. <i>Radiology</i> , <b>2017</b> , 283, 51.  Brain network connectivity differs in early-onset neurodegenerative dementia. <i>Neurology</i> , <b>2017</b> , 89, 17		
166	Brain network connectivity differs in early-onset neurodegenerative dementia. <i>Neurology</i> , <b>2017</b> , 89, 17 mutations in Italian patients with amyotrophic lateral sclerosis: genetic and functional	′6 <del>6.</del> ∮77	72 <sub>53</sub>
166	Brain network connectivity differs in early-onset neurodegenerative dementia. <i>Neurology</i> , <b>2017</b> , 89, 17 mutations in Italian patients with amyotrophic lateral sclerosis: genetic and functional characterisation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 869-875  White matter tract alterations in Parkinson's disease patients with punding. <i>Parkinsonism and</i>	<b>′6<del>6.</del>∮7</b> 7	7 <b>2</b> 53
166 165 164	Brain network connectivity differs in early-onset neurodegenerative dementia. <i>Neurology</i> , <b>2017</b> , 89, 17 mutations in Italian patients with amyotrophic lateral sclerosis: genetic and functional characterisation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 869-875  White matter tract alterations in Parkinson's disease patients with punding. <i>Parkinsonism and Related Disorders</i> , <b>2017</b> , 43, 85-91  Multimodal structural MRI in the diagnosis of motor neuron diseases. <i>NeuroImage: Clinical</i> , <b>2017</b> ,	5.5 3.6	72 <sub>53</sub> 26 16
166 165 164	Brain network connectivity differs in early-onset neurodegenerative dementia. <i>Neurology</i> , <b>2017</b> , 89, 17 mutations in Italian patients with amyotrophic lateral sclerosis: genetic and functional characterisation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 869-875  White matter tract alterations in Parkinson's disease patients with punding. <i>Parkinsonism and Related Disorders</i> , <b>2017</b> , 43, 85-91  Multimodal structural MRI in the diagnosis of motor neuron diseases. <i>NeuroImage: Clinical</i> , <b>2017</b> , 16, 240-247  Advanced magnetic resonance imaging of neurodegenerative diseases. <i>Neurological Sciences</i> , <b>2017</b> ,	5.5 3.6	72 <sub>53</sub> 26 16 40
166 165 164 163	Brain network connectivity differs in early-onset neurodegenerative dementia. <i>Neurology</i> , <b>2017</b> , 89, 17 mutations in Italian patients with amyotrophic lateral sclerosis: genetic and functional characterisation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 869-875  White matter tract alterations in Parkinson's disease patients with punding. <i>Parkinsonism and Related Disorders</i> , <b>2017</b> , 43, 85-91  Multimodal structural MRI in the diagnosis of motor neuron diseases. <i>NeuroImage: Clinical</i> , <b>2017</b> , 16, 240-247  Advanced magnetic resonance imaging of neurodegenerative diseases. <i>Neurological Sciences</i> , <b>2017</b> , 38, 41-51	5.5 3.6 5.3	72 <sub>53</sub> 26 16 40

158	A152T tau allele causes neurodegeneration that can be ameliorated in a zebrafish model by autophagy induction. <i>Brain</i> , <b>2017</b> , 140, 1128-1146	11.2	62
157	Cognitive impairment in progressive supranuclear palsy-Richardson's syndrome is related to white matter damage. <i>Parkinsonism and Related Disorders</i> , <b>2016</b> , 31, 65-71	3.6	14
156	Efficient neuroplasticity induction in chronic stroke patients by an associative brain-computer interface. <i>Journal of Neurophysiology</i> , <b>2016</b> , 115, 1410-21	3.2	131
155	Brain structural changes in spasmodic dysphonia: A multimodal magnetic resonance imaging study. <i>Parkinsonism and Related Disorders</i> , <b>2016</b> , 25, 78-84	3.6	17
154	DTI in Dementing Conditions <b>2016</b> , 343-358		
153	Brain MR Imaging in Patients with Lower Motor Neuron-Predominant Disease. <i>Radiology</i> , <b>2016</b> , 280, 54	<b>52506</b> 5	28
152	A large-scale multicentre cerebral diffusion tensor imaging study in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, <b>2016</b> , 87, 570-9	5.5	110
151	MR Imaging of Brachial Plexus and Limb-Girdle Muscles in Patients with Amyotrophic Lateral Sclerosis. <i>Radiology</i> , <b>2016</b> , 279, 553-61	20.5	23
150	Diffusion tensor imaging and functional MRI. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2016</b> , 136, 1065-87	3	16
149	Structural brain correlates of cognitive and behavioral impairment in MND. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 1614-26	5.9	64
148	Recent advances in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , <b>2016</b> , 263, 1241-54	5.5	55
147	Insights into White Matter Damage in Alzheimer's Disease: From Postmortem to in vivo Diffusion Tensor MRI Studies. <i>Neurodegenerative Diseases</i> , <b>2016</b> , 16, 26-33	2.3	32
146	fMRI of Memory. Neuromethods, <b>2016</b> , 419-450	0.4	
145	fMRI in Neurodegenerative Diseases: From Scientific Insights to Clinical Applications. <i>Neuromethods</i> , <b>2016</b> , 699-739	0.4	4
144	The cumulative effect of genetic polymorphisms on depression and brain structural integrity. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 2173-84	5.9	8
143	Charting Frontotemporal Dementia: From Genes to Networks. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 16-27	7 2.8	7
142	The El Escorial criteria: strengths and weaknesses. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2015</b> , 16, 1-7	3.6	55
141	Progress towards a neuroimaging biomarker for amyotrophic lateral sclerosis. <i>Lancet Neurology, The</i> , <b>2015</b> , 14, 786-788	24.1	31

# (2014-2015)

140	Brain structural abnormalities in patients with major depression with or without generalized anxiety disorder comorbidity. <i>Journal of Neurology</i> , <b>2015</b> , 262, 1255-65	5.5	44
139	MRI monitoring of pathological changes in the spinal cord in patients with multiple sclerosis. <i>Lancet Neurology, The</i> , <b>2015</b> , 14, 443-54	24.1	81
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