

Carme Junque

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292
papers

14,880
citations

69
h-index

105
g-index

310
ext. papers

16,869
ext. citations

4.3
avg, IF

6.16
L-index

#	Paper	IF	Citations
292	The role of prefrontal regions in the Stroop task. <i>Neuropsychologia</i> , 1995 , 33, 341-52	3.2	262
291	When does human brain development end? Evidence of corpus callosum growth up to adulthood. <i>Annals of Neurology</i> , 1993 , 34, 71-5	9.4	260
290	Reorganization of brain networks in aging: a review of functional connectivity studies. <i>Frontiers in Psychology</i> , 2015 , 6, 663	3.4	257
289	Brain structure and function related to cognitive reserve variables in normal aging, mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2009 , 30, 1114-24	5.6	257
288	Structural brain changes in Parkinson disease with dementia: a voxel-based morphometry study. <i>Archives of Neurology</i> , 2005 , 62, 281-5		238
287	Leuko-araiosis on magnetic resonance imaging and speed of mental processing. <i>Archives of Neurology</i> , 1990 , 47, 151-6		230
286	Modulation of large-scale brain networks by transcranial direct current stimulation evidenced by resting-state functional MRI. <i>Brain Stimulation</i> , 2012 , 5, 252-263	5.1	204
285	Effects of bilateral subthalamic stimulation on cognitive function in Parkinson disease. <i>Archives of Neurology</i> , 2001 , 58, 1223-7		202
284	Multiple DTI index analysis in normal aging, amnesic MCI and AD. Relationship with neuropsychological performance. <i>Neurobiology of Aging</i> , 2012 , 33, 61-74	5.6	200
283	Cognitive impairment and resting-state network connectivity in Parkinson's disease. <i>Human Brain Mapping</i> , 2015 , 36, 199-212	5.9	197
282	White matter microstructure in female to male transsexuals before cross-sex hormonal treatment. A diffusion tensor imaging study. <i>Journal of Psychiatric Research</i> , 2011 , 45, 199-204	5.2	192
281	A role for the default mode network in the bases of disorders of consciousness. <i>Annals of Neurology</i> , 2012 , 72, 335-43	9.4	171
280	Diffusion weighted imaging distinguishes the vegetative state from the minimally conscious state. <i>NeuroImage</i> , 2011 , 54, 103-12	7.9	168
279	Functional brain networks and cognitive deficits in Parkinson's disease. <i>Human Brain Mapping</i> , 2014 , 35, 4620-34	5.9	156
278	Brain connectivity during resting state and subsequent working memory task predicts behavioural performance. <i>Cortex</i> , 2012 , 48, 1187-96	3.8	155
277	Sustained attention impairment correlates to gray matter decreases in first episode neuroleptic-naïve schizophrenic patients. <i>NeuroImage</i> , 2003 , 19, 365-75	7.9	155
276	Magnetic resonance imaging measurement of the caudate nucleus in adolescents with attention-deficit hyperactivity disorder and its relationship with neuropsychological and behavioral measures. <i>Archives of Neurology</i> , 1997 , 54, 963-8		154

275	Impact of the COMT Val108/158 Met and DAT genotypes on prefrontal function in healthy subjects. <i>NeuroImage</i> , 2007 , 37, 1437-44	7.9	152
274	Assessment of cortical degeneration in patients with Parkinson's disease by voxel-based morphometry, cortical folding, and cortical thickness. <i>Human Brain Mapping</i> , 2012 , 33, 2521-34	5.9	146
273	A cross-sectional and follow-up voxel-based morphometric MRI study in adolescent anorexia nervosa. <i>Journal of Psychiatric Research</i> , 2009 , 43, 331-40	5.2	144
272	Amygdalar atrophy in panic disorder patients detected by volumetric magnetic resonance imaging. <i>NeuroImage</i> , 2003 , 19, 80-90	7.9	139
271	Alterations of the salience network in obesity: a resting-state fMRI study. <i>Human Brain Mapping</i> , 2013 , 34, 2786-97	5.9	137
270	Cerebral atrophy in Parkinson's disease patients with visual hallucinations. <i>European Journal of Neurology</i> , 2007 , 14, 750-6	6	137
269	Multiple memory deficits in patients with multiple sclerosis. Exploring the working memory system. <i>Archives of Neurology</i> , 1988 , 45, 607-10		137
268	Brain effects of cognitive remediation therapy in schizophrenia: a structural and functional neuroimaging study. <i>Biological Psychiatry</i> , 2013 , 73, 1015-23	7.9	135
267	Neuroanatomical correlates of impaired decision-making and facial emotion recognition in early Parkinson's disease. <i>European Journal of Neuroscience</i> , 2009 , 30, 1162-71	3.5	135
266	Repetitive transcranial magnetic stimulation effects on brain function and cognition among elders with memory dysfunction. A randomized sham-controlled study. <i>Cerebral Cortex</i> , 2006 , 16, 1487-93	5.1	130
265	Cerebrospinal tau, phospho-tau, and beta-amyloid and neuropsychological functions in Parkinson's disease. <i>Movement Disorders</i> , 2009 , 24, 2203-10	7	127
264	Pallidal hyperintensity on magnetic resonance imaging in cirrhotic patients: clinical correlations. <i>Hepatology</i> , 1992 , 16, 1382-8	11.2	125
263	Cortical thickness in untreated transsexuals. <i>Cerebral Cortex</i> , 2013 , 23, 2855-62	5.1	123
262	Cortical thinning is associated with disease stages and dementia in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 875-81	5.5	116
261	Longitudinal evaluation of cerebral morphological changes in Parkinson's disease with and without dementia. <i>Journal of Neurology</i> , 2005 , 252, 1345-52	5.5	113
260	Modulation of verbal fluency networks by transcranial direct current stimulation (tDCS) in Parkinson's disease. <i>Brain Stimulation</i> , 2013 , 6, 16-24	5.1	112
259	Amygdalar and hippocampal MRI volumetric reductions in Parkinson's disease with dementia. <i>Movement Disorders</i> , 2005 , 20, 540-4	7	109
258	Resting-state functional magnetic resonance imaging activity and connectivity and cognitive outcome in traumatic brain injury. <i>JAMA Neurology</i> , 2013 , 70, 845-51	17.2	108

257	Hippocampal head atrophy predominance in Parkinson's disease with hallucinations and with dementia. <i>Journal of Neurology</i> , 2008 , 255, 1324-31	5.5	108
256	The microstructure of white matter in male to female transsexuals before cross-sex hormonal treatment. A DTI study. <i>Journal of Psychiatric Research</i> , 2011 , 45, 949-54	5.2	106
255	Combined dementia-risk biomarkers in Parkinson's disease: a prospective longitudinal study. <i>Parkinsonism and Related Disorders</i> , 2013 , 19, 717-24	3.6	104
254	Cognitive reserve modulates task-induced activations and deactivations in healthy elders, amnesic mild cognitive impairment and mild Alzheimer's disease. <i>Cortex</i> , 2010 , 46, 451-61	3.8	104
253	Decreased regional brain volume and cognitive impairment in preterm children at low risk. <i>Pediatrics</i> , 2009 , 124, e1161-70	7.4	103
252	Differential progression of brain atrophy in Parkinson's disease with and without visual hallucinations. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 650-7	5.5	99
251	Decreased cerebral activation during CPT performance: structural and functional deficits in schizophrenic patients. <i>NeuroImage</i> , 2004 , 21, 840-7	7.9	99
250	Neuropsychological functioning in a subclinical obsessive-compulsive sample. <i>Biological Psychiatry</i> , 1999 , 45, 898-904	7.9	99
249	Long-term declarative memory deficits in diffuse TBI: correlations with cortical thickness, white matter integrity and hippocampal volume. <i>Cortex</i> , 2013 , 49, 646-57	3.8	96
248	Hippocampal head atrophy after traumatic brain injury. <i>Neuropsychologia</i> , 2006 , 44, 1956-61	3.2	96
247	Neuroanatomical substrate of visuospatial and visuoperceptual impairment in Parkinson's disease. <i>Movement Disorders</i> , 2009 , 24, 1193-9	7	95
246	Neuropsychological deficits in Parkinson's disease patients with visual hallucinations. <i>Movement Disorders</i> , 2006 , 21, 1483-7	7	92
245	Parahippocampal gray matter density in panic disorder: a voxel-based morphometric study. <i>American Journal of Psychiatry</i> , 2003 , 160, 566-8	11.9	92
244	Changes in whole-brain functional networks and memory performance in aging. <i>Neurobiology of Aging</i> , 2014 , 35, 2193-202	5.6	88
243	Frontal and associative visual areas related to visual hallucinations in dementia with Lewy bodies and Parkinson's disease with dementia. <i>Movement Disorders</i> , 2010 , 25, 615-22	7	88
242	Patterns of cerebral white matter damage and cognitive impairment in adolescents born very preterm. <i>International Journal of Developmental Neuroscience</i> , 2008 , 26, 647-54	2.7	87
241	Influence of APOE polymorphism on cognitive and behavioural outcome in moderate and severe traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006 , 77, 1191-3	5.5	86
240	Structural correlates of facial emotion recognition deficits in Parkinson's disease patients. <i>Neuropsychologia</i> , 2012 , 50, 2121-8	3.2	84

239	Olfactory impairment in Parkinson's disease and white matter abnormalities in central olfactory areas: A voxel-based diffusion tensor imaging study. <i>Movement Disorders</i> , 2010 , 25, 1888-94	7	84
238	Progression of cortical thinning in early Parkinson's disease. <i>Movement Disorders</i> , 2012 , 27, 1746-53	7	82
237	Cortical thinning associated with mild cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , 2014 , 29, 1495-503	7	80
236	Cognitive changes in Parkinson's disease patients with visual hallucinations. <i>Dementia and Geriatric Cognitive Disorders</i> , 2007 , 23, 281-8	2.6	77
235	Frontal cortical thinning and subcortical volume reductions in early adulthood obesity. <i>Psychiatry Research - Neuroimaging</i> , 2013 , 214, 109-15	2.9	76
234	The effect of medial frontal and posterior parietal demyelinating lesions on stroop interference. <i>NeuroImage</i> , 2001 , 13, 68-75	7.9	76
233	Hippocampal gray matter reduction associates with memory deficits in adolescents with history of prematurity. <i>NeuroImage</i> , 2004 , 23, 869-77	7.9	74
232	Biological significance of iron-related magnetic resonance imaging changes in the brain. <i>Archives of Neurology</i> , 1992 , 49, 711-7		73
231	Resting-state frontostriatal functional connectivity in Parkinson's disease-related apathy. <i>Movement Disorders</i> , 2015 , 30, 671-9	7	72
230	Neuropsychological alterations in patients with computed tomography-detected basal ganglia calcification. <i>Archives of Neurology</i> , 1996 , 53, 251-6		72
229	A Review of the Status of Brain Structure Research in Transsexualism. <i>Archives of Sexual Behavior</i> , 2016 , 45, 1615-48	3.5	71
228	Effects of cross-sex hormone treatment on cortical thickness in transsexual individuals. <i>Journal of Sexual Medicine</i> , 2014 , 11, 1248-61	1.1	71
227	Visuospatial deficits in Parkinson's disease assessed by judgment of line orientation test: error analyses and practice effects. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2001 , 23, 592-8	2.1	71
226	Initial disturbances of consciousness and resultant impaired awareness in Spanish patients with traumatic brain injury. <i>Journal of Head Trauma Rehabilitation</i> , 1998 , 13, 29-38	3	71
225	Microstructural white matter changes in metabolic syndrome: a diffusion tensor imaging study. <i>Neurology</i> , 2009 , 73, 438-44	6.5	70
224	Age effects on long-term neuropsychological outcome in paediatric traumatic brain injury. <i>Brain Injury</i> , 2000 , 14, 495-503	2.1	70
223	Decreased Default Mode Network connectivity correlates with age-associated structural and cognitive changes. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 256	5.3	69
222	Neuropsychological long-term sequelae of perinatal asphyxia. <i>Brain Injury</i> , 2001 , 15, 1029-39	2.1	69

221	Correlates of cerebrospinal fluid levels of oligomeric- and total- β -synuclein in premotor, motor and dementia stages of Parkinson's disease. <i>Journal of Neurology</i> , 2015 , 262, 294-306	5.5	68
220	Corpus callosum size and neuropsychologic impairment in adolescents who were born preterm. <i>Journal of Child Neurology</i> , 2006 , 21, 406-10	2.5	68
219	Volume changes in gray matter in first-episode neuroleptic-naive schizophrenic patients treated with risperidone. <i>Journal of Clinical Psychopharmacology</i> , 2005 , 25, 111-7	1.7	68
218	Correlation of atrophy measures on MRI with neuropsychological sequelae in children and adolescents with traumatic brain injury. <i>Brain Injury</i> , 2001 , 15, 211-21	2.1	68
217	Brain changes in children and adolescents with obsessive-compulsive disorder before and after treatment: a voxel-based morphometric MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 172, 140-6	2.9	66
216	Interactions of cognitive reserve with regional brain anatomy and brain function during a working memory task in healthy elders. <i>Biological Psychology</i> , 2009 , 80, 256-9	3.2	65
215	White matter integrity related to functional working memory networks in traumatic brain injury. <i>Neurology</i> , 2012 , 78, 852-60	6.5	65
214	Brain response to complex visual stimuli in Parkinson's patients with hallucinations: a functional magnetic resonance imaging study. <i>Movement Disorders</i> , 2008 , 23, 2335-43	7	65
213	Differential vulnerability of gray matter and white matter to intrauterine growth restriction in preterm infants at 12 months corrected age. <i>Brain Research</i> , 2014 , 1545, 1-11	3.7	63
212	Brain structural MRI correlates of cognitive dysfunctions in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2011 , 310, 70-4	3.2	63
211	Mental slowness and executive dysfunctions in patients with metabolic syndrome. <i>Neuroscience Letters</i> , 2009 , 462, 49-53	3.3	62
210	Cerebral response to speech in vegetative and minimally conscious states after traumatic brain injury. <i>Brain Injury</i> , 2008 , 22, 882-90	2.1	62
209	Functional network centrality in obesity: A resting-state and task fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 233, 331-8	2.9	61
208	Cerebral activation in children and adolescents with obsessive-compulsive disorder before and after treatment: a functional MRI study. <i>Journal of Psychiatric Research</i> , 2008 , 42, 1051-9	5.2	61
207	A longitudinal fMRI study of working memory in severe TBI patients with diffuse axonal injury. <i>NeuroImage</i> , 2008 , 43, 421-9	7.9	61
206	Effects of androgenization on the white matter microstructure of female-to-male transsexuals. A diffusion tensor imaging study. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1261-9	5	60
205	MRI and cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , 2009 , 24 Suppl 2, S748-53	7	60
204	Quality of life and neurobehavioral changes in survivors of malignant middle cerebral artery infarction. <i>Journal of Neurology</i> , 2009 , 256, 1126-33	5.5	60

203	Comparative cognitive effects of bilateral subthalamic stimulation and subcutaneous continuous infusion of apomorphine in Parkinson's disease. <i>Movement Disorders</i> , 2004 , 19, 1463-9	7	60
202	Cerebral correlates of declarative memory dysfunctions in early traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005 , 76, 129-31	5.5	60
201	Discriminating cognitive status in Parkinson's disease through functional connectomics and machine learning. <i>Scientific Reports</i> , 2017 , 7, 45347	4.9	58
200	Mild cognitive impairment after lacunar infarction: voxel-based morphometry and neuropsychological assessment. <i>Cerebrovascular Diseases</i> , 2007 , 23, 353-61	3.2	58
199	Correlations of thalamic reductions with verbal fluency impairment in those born prematurely. <i>NeuroReport</i> , 2006 , 17, 463-6	1.7	58
198	Corpus callosum and prefrontal functions in adolescents with history of very preterm birth. <i>Neuropsychologia</i> , 2008 , 46, 111-6	3.2	57
197	Diffusion tensor imaging differences relate to memory deficits in diffuse traumatic brain injury. <i>BMC Neurology</i> , 2011 , 11, 24	3.1	56
196	Neuropsychological abnormalities associated with lacunar infarction. <i>Journal of the Neurological Sciences</i> , 2007 , 257, 160-5	3.2	56
195	Correlations between gray matter reductions and cognitive deficits in dementia with Lewy Bodies and Parkinson's disease with dementia. <i>Movement Disorders</i> , 2009 , 24, 1740-6	7	55
194	Frontal hypoactivation on functional magnetic resonance imaging in working memory after severe diffuse traumatic brain injury. <i>Journal of Neurotrauma</i> , 2008 , 25, 479-94	5.4	55
193	Abnormal orbitofrontal development due to prematurity. <i>Neurology</i> , 2006 , 67, 1818-22	6.5	55
192	Obsessive-compulsive symptoms in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2001 , 70, 394-6	5.5	55
191	Regional vulnerability of hippocampal subfields and memory deficits in Parkinson's disease. <i>Hippocampus</i> , 2013 , 23, 720-8	3.5	54
190	Is the placement of shunts in patients with idiopathic normal-pressure hydrocephalus worth the risk? Results of a study based on continuous monitoring of intracranial pressure. <i>Journal of Neurosurgery</i> , 2004 , 100, 855-66	3.2	54
189	Neuropsychological findings in congenital and acquired childhood hydrocephalus. <i>Neuropsychology Review</i> , 2001 , 11, 169-78	7.7	54
188	Reductions of thalamic volume and regional shape changes in the vegetative and the minimally conscious states. <i>Journal of Neurotrauma</i> , 2010 , 27, 1187-93	5.4	53
187	Structural brain correlates of verbal fluency in Parkinson's disease. <i>NeuroReport</i> , 2009 , 20, 741-4	1.7	53
186	Gestational age at preterm birth in relation to corpus callosum and general cognitive outcome in adolescents. <i>Journal of Child Neurology</i> , 2007 , 22, 761-5	2.5	53

185	Cognitive changes after cerebrospinal fluid shunting in young adults with spina bifida and assumed arrested hydrocephalus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000 , 68, 615-21	5.5	53
184	Subtypes of memory dysfunction associated with ECT: characteristics and neurobiological bases. <i>Journal of ECT</i> , 2001 , 17, 129-35	2	53
183	Reduction of the substantia nigra width and motor decline in aging and Parkinson's disease. <i>Archives of Neurology</i> , 1992 , 49, 1119-22		52
182	Regional vulnerability of hippocampal subfields to aging measured by structural and diffusion MRI. <i>Hippocampus</i> , 2014 , 24, 403-14	3.5	51
181	Spanish validation of the Brief Assessment in Cognition in Schizophrenia (BACS) in patients with schizophrenia and healthy controls. <i>European Psychiatry</i> , 2011 , 26, 69-73	6	51
180	Right hemisphere dysfunction in subjects with attention-deficit disorder with and without hyperactivity. <i>Journal of Child Neurology</i> , 1997 , 12, 107-15	2.5	50
179	Functional and magnetic resonance imaging correlates of corpus callosum in normal pressure hydrocephalus before and after shunting. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007 , 78, 395-8	5.5	50
178	White matter volume and concentration reductions in adolescents with history of very preterm birth: a voxel-based morphometry study. <i>NeuroImage</i> , 2006 , 32, 1485-98	7.9	50
177	Neuroanatomical correlates of olfactory loss in normal aged subjects. <i>Behavioural Brain Research</i> , 2013 , 246, 148-53	3.4	48
176	Sex differences in the human olfactory system. <i>Brain Research</i> , 2006 , 1116, 103-11	3.7	48
175	Dementia in Parkinson disease: a proton magnetic resonance spectroscopy study. <i>Archives of Neurology</i> , 2002 , 59, 1415-20		48
174	Patterns of cortical thinning in nondemented Parkinson's disease patients. <i>Movement Disorders</i> , 2016 , 31, 699-708	7	48
173	Grey matter volume correlates of cerebrospinal markers of Alzheimer-pathology in Parkinson's disease and related dementia. <i>Parkinsonism and Related Disorders</i> , 2012 , 18, 941-7	3.6	47
172	Long-term effects of bilateral frontal brain lesion: 60 years after injury with an iron bar. <i>Archives of Neurology</i> , 2001 , 58, 1139-42		47
171	Adolescent anorexia nervosa: cross-sectional and follow-up frontal gray matter disturbances detected with proton magnetic resonance spectroscopy. <i>Journal of Psychiatric Research</i> , 2007 , 41, 952-8 ^{5.2}		46
170	Combination of diffusion tensor and functional magnetic resonance imaging during recovery from the vegetative state. <i>BMC Neurology</i> , 2010 , 10, 77	3.1	45
169	Frontal lobe activation during word generation studied by functional MRI. <i>Acta Neurologica Scandinavica</i> , 1996 , 93, 403-10	3.8	44
168	Neuropsychologic impairment in bilateral cerebral palsy. <i>Pediatric Neurology</i> , 2009 , 40, 19-26	2.9	44

167	Cortical activation during mental rotation in male-to-female and female-to-male transsexuals under hormonal treatment. <i>Psychoneuroendocrinology</i> , 2010 , 35, 1213-22	5	44
166	Parkinson's disease mild cognitive impairment: application and validation of the criteria. <i>Journal of Parkinsons Disease</i> , 2014 , 4, 131-7	5.3	42
165	Dysfunctions of cerebral networks precede recognition memory deficits in early Parkinson's disease. <i>NeuroImage</i> , 2011 , 57, 589-97	7.9	42
164	Progressive gray matter atrophy in lacunar patients with vascular mild cognitive impairment. <i>Cerebrovascular Diseases</i> , 2010 , 30, 157-66	3.2	42
163	Phonemic and semantic fluencies in traumatic brain injury patients with focal frontal lesions. <i>Brain Injury</i> , 2000 , 14, 789-95	2.1	42
162	Rich Club Organization and Cognitive Performance in Healthy Older Participants. <i>Journal of Cognitive Neuroscience</i> , 2015 , 27, 1801-10	3.1	41
161	Cognitive and motor improvement after retesting in normal-pressure hydrocephalus: a real change or merely a learning effect?. <i>Journal of Neurosurgery</i> , 2010 , 112, 399-409	3.2	41
160	Information needs of the traumatic brain injury patient's family members regarding the consequences of the injury and associated perception of physical, cognitive, emotional and quality of life changes. <i>Brain Injury</i> , 1997 , 11, 251-8	2.1	41
159	Magnetic resonance abnormalities associated with cognitive dysfunction in primary Sjögren syndrome. <i>Journal of Neurology</i> , 2003 , 250, 1070-6	5.5	40
158	MRI and genetic correlates of cognitive function in elders with memory impairment. <i>Neurobiology of Aging</i> , 2001 , 22, 449-59	5.6	40
157	Cerebral basis of visual hallucinations in Parkinson's disease: structural and functional MRI studies. <i>Journal of the Neurological Sciences</i> , 2011 , 310, 79-81	3.2	39
156	Cognitive decline is mediated by gray matter changes during middle age. <i>Neurobiology of Aging</i> , 2014 , 35, 1086-94	5.6	38
155	Functional connectivity in obesity during reward processing. <i>NeuroImage</i> , 2013 , 66, 232-9	7.9	38
154	Raven's Coloured Progressive Matrices as a measure of cognitive functioning in Cerebral Palsy. <i>Journal of Intellectual Disability Research</i> , 2008 , 52, 437-45	3.2	37
153	Dopamine DRD2 Taq I polymorphism associates with caudate nucleus volume and cognitive performance in memory impaired subjects. <i>NeuroReport</i> , 2002 , 13, 1121-5	1.7	37
152	Cognitive and behavioral changes after unilateral posteroventral pallidotomy: relationship with lesional data from MRI. <i>Movement Disorders</i> , 1999 , 14, 780-9	7	37
151	Nigral and striatal connectivity alterations in asymptomatic LRRK2 mutation carriers: A magnetic resonance imaging study. <i>Movement Disorders</i> , 2016 , 31, 1820-1828	7	37
150	A cross-sectional and follow-up functional MRI study with a working memory task in adolescent anorexia nervosa. <i>Neuropsychologia</i> , 2010 , 48, 4111-6	3.2	36

149	Reduced levels of creatine in the right medial temporal lobe region of panic disorder patients detected with (1)H magnetic resonance spectroscopy. <i>NeuroImage</i> , 2002 , 16, 836-42	7.9	36
148	Angiotensin I converting enzyme polymorphism in humans with age-associated memory impairment: relationship with cognitive performance. <i>Neuroscience Letters</i> , 2000 , 290, 177-80	3.3	36
147	Wallerian degeneration of the pyramidal tract in capsular infarction studied by magnetic resonance imaging. <i>Stroke</i> , 1990 , 21, 404-9	6.7	36
146	Cortical thinning correlates of changes in visuospatial and visuoperceptual performance in Parkinson's disease: A 4-year follow-up. <i>Parkinsonism and Related Disorders</i> , 2018 , 46, 62-68	3.6	36
145	Resting-state functional brain networks in Parkinson's disease. <i>CNS Neuroscience and Therapeutics</i> , 2015 , 21, 793-801	6.8	35
144	Neural correlates of cognitive impairment in schizophrenia. <i>British Journal of Psychiatry</i> , 2011 , 199, 202-10	5.4	35
143	Hippocampal functional magnetic resonance imaging during a face-name learning task in adolescents with antecedents of prematurity. <i>NeuroImage</i> , 2005 , 25, 561-9	7.9	35
142	Affected connectivity organization of the reward system structure in obesity. <i>NeuroImage</i> , 2015 , 111, 100-6	7.9	34
141	Neuropsychological correlates of basal ganglia and medial temporal lobe NAA/Cho reductions in traumatic brain injury. <i>Archives of Neurology</i> , 2004 , 61, 541-4		34
140	MRI pallidal hyperintensity and brain atrophy in cirrhotic patients: two different MRI patterns of clinical deterioration?. <i>Neurology</i> , 1993 , 43, 2570-3	6.5	34
139	Dynamic functional reorganizations and relationship with working memory performance in healthy aging. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 152	3.3	33
138	Left posterior hippocampal density reduction using VBM and stereological MRI procedures in schizophrenia. <i>Schizophrenia Research</i> , 2007 , 96, 62-71	3.6	33
137	Specific anatomic associations between white matter integrity and cognitive reserve in normal and cognitively impaired elders. <i>American Journal of Geriatric Psychiatry</i> , 2011 , 19, 33-42	6.5	31
136	Hemispheric functional imbalance in a sub-clinical obsessive-compulsive sample assessed by the Continuous Performance Test, Identical Pairs version. <i>Psychiatry Research</i> , 1997 , 72, 115-26	9.9	31
135	Postsurgical cerebral perfusion changes in idiopathic normal pressure hydrocephalus: a statistical parametric mapping study of SPECT images. <i>Journal of Nuclear Medicine</i> , 2003 , 44, 1884-9	8.9	31
134	Do traditional executive measures tell us anything about daily-life functioning after traumatic brain injury in Spanish-speaking individuals?. <i>Brain Injury</i> , 2012 , 26, 864-74	2.1	30
133	White matter fractional anisotropy is related to processing speed in metabolic syndrome patients: a case-control study. <i>BMC Neurology</i> , 2010 , 10, 64	3.1	30
132	Neuropsychological outcome in relation to the traumatic coma data bank classification of computed tomography imaging. <i>Journal of Neurotrauma</i> , 2001 , 18, 869-79	5.4	30

131	Differential recovery in naming in bilingual aphasics. <i>Brain and Language</i> , 1989 , 36, 16-22	2.9	30
130	Neurochemical Modulation in Posteromedial Default-mode Network Cortex Induced by Transcranial Magnetic Stimulation. <i>Brain Stimulation</i> , 2015 , 8, 937-44	5.1	29
129	Cortical atrophy patterns in early Parkinson's disease patients using hierarchical cluster analysis. <i>Parkinsonism and Related Disorders</i> , 2018 , 50, 3-9	3.6	29
128	Cortical thickness and behavior abnormalities in children born preterm. <i>PLoS ONE</i> , 2012 , 7, e42148	3.7	29
127	Cerebellar deficits in schizophrenia are associated with executive dysfunction. <i>NeuroReport</i> , 2008 , 19, 1513-7	1.7	29
126	Neuropsychological and genetic differences between age-associated memory impairment and mild cognitive impairment entities. <i>Journal of the American Geriatrics Society</i> , 2001 , 49, 985-90	5.6	29
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