

Nuria Bargallo

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356
papers

11,770
citations

61
h-index

88
g-index

383
ext. papers

14,093
ext. citations

4.5
avg, IF

5.89
L-index

#	Paper	IF	Citations
356	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
355	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
354	A phase 2 trial of the GSK-3 inhibitor tideglusib in progressive supranuclear palsy. <i>Movement Disorders</i> , 2014 , 29, 470-8	7	201
353	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
352	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018 , 141, 391-408	11.2	187
351	Distinct Subcortical Volume Alterations in Pediatric and Adult OCD: A Worldwide Meta- and Mega-Analysis. <i>American Journal of Psychiatry</i> , 2017 , 174, 60-69	11.9	183
350	Brain connectivity during resting state and subsequent working memory task predicts behavioural performance. <i>Cortex</i> , 2012 , 48, 1187-96	3.8	155
349	Sustained attention impairment correlates to gray matter decreases in first episode neuroleptic-naive schizophrenic patients. <i>NeuroImage</i> , 2003 , 19, 365-75	7.9	155
348	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
347	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
346	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
345	Cerebral atrophy in Parkinson's disease patients with visual hallucinations. <i>European Journal of Neurology</i> , 2007 , 14, 750-6	6	137
344	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
343	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
342	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
341	Brain morphometry reproducibility in multi-center 3T MRI studies: a comparison of cross-sectional and longitudinal segmentations. <i>NeuroImage</i> , 2013 , 83, 472-84	7.9	129
340	Altered small-world topology of structural brain networks in infants with intrauterine growth restriction and its association with later neurodevelopmental outcome. <i>NeuroImage</i> , 2012 , 60, 1352-66	7.9	128

339	Differential effects of intrauterine growth restriction on brain structure and development in preterm infants: a magnetic resonance imaging study. <i>Brain Research</i> , 2011 , 1382, 98-108	3.7	118
338	Cortical Abnormalities Associated With Pediatric and Adult Obsessive-Compulsive Disorder: Findings From the ENIGMA Obsessive-Compulsive Disorder Working Group. <i>American Journal of Psychiatry</i> , 2018 , 175, 453-462	11.9	117
337	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
336	Progressive brain changes in children and adolescents with first-episode psychosis. <i>Archives of General Psychiatry</i> , 2012 , 69, 16-26		116
335	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
334	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
333	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
332	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
331	Decreased regional brain volume and cognitive impairment in preterm children at low risk. <i>Pediatrics</i> , 2009 , 124, e1161-70	7.4	103
330	Increased cortical thickness and caudate volume precede atrophy in PSEN1 mutation carriers. <i>Journal of Alzheimer's Disease</i> , 2010 , 22, 909-22	4.3	103
329	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
328	Decreased cerebral activation during CPT performance: structural and functional deficits in schizophrenic patients. <i>NeuroImage</i> , 2004 , 21, 840-7	7.9	99
327	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
326	Hippocampal head atrophy after traumatic brain injury. <i>Neuropsychologia</i> , 2006 , 44, 1956-61	3.2	96
325	Neuroanatomical substrate of visuospatial and visuoperceptual impairment in Parkinson's disease. <i>Movement Disorders</i> , 2009 , 24, 1193-9	7	95
324	Glioma imaging in Europe: A survey of 220 centres and recommendations for best clinical practice. <i>European Radiology</i> , 2018 , 28, 3306-3317	8	88
323	Changes in whole-brain functional networks and memory performance in aging. <i>Neurobiology of Aging</i> , 2014 , 35, 2193-202	5.6	88
322	Brain abnormalities in newly diagnosed neuropsychiatric lupus: systematic MRI approach and correlation with clinical and laboratory data in a large multicenter cohort. <i>Autoimmunity Reviews</i> , 2015 , 14, 153-9	13.6	87

321	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
320	Progressive gray matter changes in first episode schizophrenia: a 4-year longitudinal magnetic resonance study using VBM. <i>Schizophrenia Research</i> , 2009 , 114, 136-43	3.6	84
319	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
318	Progression of cortical thinning in early Parkinson's disease. <i>Movement Disorders</i> , 2012 , 27, 1746-53	7	82
317	The human cerebral cortex flattens during adolescence. <i>Journal of Neuroscience</i> , 2013 , 33, 15004-10	6.6	81
316	Cortical thinning associated with mild cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , 2014 , 29, 1495-503	7	80
315	Hippocampal gray matter reduction associates with memory deficits in adolescents with history of prematurity. <i>NeuroImage</i> , 2004 , 23, 869-77	7.9	74
314	Neuropsychiatric systemic lupus erythematosus: magnetic resonance imaging findings and correlation with clinical and immunological features. <i>Autoimmunity Reviews</i> , 2013 , 12, 1166-70	13.6	72
313	Fractal-dimension analysis detects cerebral changes in preterm infants with and without intrauterine growth restriction. <i>NeuroImage</i> , 2010 , 53, 1225-32	7.9	72
312	Multisite longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging of healthy elderly subjects. <i>NeuroImage</i> , 2014 , 101, 390-403	7.9	70
311	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
310	Correlates of cerebrospinal fluid levels of oligomeric- and total- α -synuclein in premotor, motor and dementia stages of Parkinson's disease. <i>Journal of Neurology</i> , 2015 , 262, 294-306	5.5	68
309	Effect of CPAP on Cognition, Brain Function, and Structure Among Elderly Patients With OSA: A Randomized Pilot Study. <i>Chest</i> , 2015 , 148, 1214-1223	5.3	68
308	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
307	Why does acute hyperglycemia worsen the outcome of transient focal cerebral ischemia? Role of corticosteroids, inflammation, and protein O-glycosylation. <i>Stroke</i> , 2006 , 37, 1288-95	6.7	67
306	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}	2.9	66
305	Increased glutamate/glutamine compounds in the brains of patients with fibromyalgia: a magnetic resonance spectroscopy study. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1829-36		66
304	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

303	White matter integrity related to functional working memory networks in traumatic brain injury. <i>Neurology</i> , 2012 , 78, 852-60	6.5	65
302	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
301	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
300	Differences in cortical development assessed by fetal MRI in late-onset intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 209, 126.e1-8	6.4	62
299	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
298	Abnormal brain microstructure and metabolism in small-for-gestational-age term fetuses with normal umbilical artery Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 159-65	5.8	61
297	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
296	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
295	The "target sign": is it a specific sign of CNS tuberculoma?. <i>Neuroradiology</i> , 1996 , 38, 547-50	3.2	60
294	Differential diagnosis of leukokoria: radiologic-pathologic correlation. <i>Radiographics</i> , 1994 , 14, 1059-79; quiz 1081-2	5.4	60
293	Cortical laminar necrosis related to prolonged focal status epilepticus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006 , 77, 104-6	5.5	59
292	Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. <i>NeuroImage</i> , 2016 , 124, 442-454	7.9	58
291	Intrinsic connectivity networks from childhood to late adolescence: Effects of age and sex. <i>Developmental Cognitive Neuroscience</i> , 2016 , 17, 35-44	5.5	58
290	Correlations of thalamic reductions with verbal fluency impairment in those born prematurely. <i>NeuroReport</i> , 2006 , 17, 463-6	1.7	58
289	Influence of corpus callosum damage on cognition and physical disability in multiple sclerosis: a multimodal study. <i>PLoS ONE</i> , 2012 , 7, e37167	3.7	58
288	Clinical Role of Subtraction Ictal SPECT Coregistered to MR Imaging and (18)F-FDG PET in Pediatric Epilepsy. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 1099-105	8.9	57
287	Diffusion tensor imaging differences relate to memory deficits in diffuse traumatic brain injury. <i>BMC Neurology</i> , 2011 , 11, 24	3.1	56
286	Validation of FDG-PET/MRI coregistration in nonlesional refractory childhood epilepsy. <i>Epilepsia</i> , 2011 , 52, 2216-24	6.4	55

285	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
284	Abnormal orbitofrontal development due to prematurity. <i>Neurology</i> , 2006 , 67, 1818-22	6.5	55
283	Prevalence of interictal psychiatric disorders in patients with refractory temporal and extratemporal lobe epilepsy in Spain. A comparative study. <i>Epilepsia</i> , 2010 , 51, 1309-13	6.4	54
282	Mid-gestation brain Doppler and head biometry in fetuses with congenital heart disease predict abnormal brain development at birth. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 47, 65-73	5.8	52
281	Epilepsy surgery in drug resistant temporal lobe epilepsy associated with neuronal antibodies. <i>Epilepsy Research</i> , 2017 , 129, 101-105	3	51
280	Regional vulnerability of hippocampal subfields to aging measured by structural and diffusion MRI. <i>Hippocampus</i> , 2014 , 24, 403-14	3.5	51
279	Free water elimination improves test-retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. <i>Human Brain Mapping</i> , 2017 , 38, 12-26	5.9	51
278	Impairment of functional integration of the default mode network correlates with cognitive outcome at three months after stroke. <i>Human Brain Mapping</i> , 2015 , 36, 577-90	5.9	50
277	Cortical morphology of adolescents with bipolar disorder and with schizophrenia. <i>Schizophrenia Research</i> , 2014 , 158, 91-9	3.6	50
276	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
275	Dietary α -linolenic Acid, Marine Ω Fatty Acids, and Mortality in a Population With High Fish Consumption: Findings From the PREvenci3n con Dieta MEDiterr3nea (PREDIMED) Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	48
274	Neuroanatomical correlates of olfactory loss in normal aged subjects. <i>Behavioural Brain Research</i> , 2013 , 246, 148-53	3.4	48
273	Patterns of cortical thinning in nondemented Parkinson's disease patients. <i>Movement Disorders</i> , 2016 , 31, 699-708	7	48
272	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
271	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
270	Neuropsychological tests with lateralizing value in patients with temporal lobe epilepsy: reconsidering material-specific theory. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2005 , 14, 569-76	3.2	46
269	Task-dependent activity and connectivity predict episodic memory network-based responses to brain stimulation in healthy aging. <i>Brain Stimulation</i> , 2014 , 7, 287-96	5.1	44
268	Neuroimaging and biochemical markers in the three variants of primary progressive aphasia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2013 , 35, 106-17	2.6	43

267	Dysfunctions of cerebral networks precede recognition memory deficits in early Parkinson's disease. <i>NeuroImage</i> , 2011 , 57, 589-97	7.9	42
266	Psychiatric disorders in temporal lobe epilepsy patients over the first year after surgical treatment. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2007 , 16, 218-25	3.2	42
265	Altered Cortico-Striatal Connectivity in Offspring of Schizophrenia Patients Relative to Offspring of Bipolar Patients and Controls. <i>PLoS ONE</i> , 2016 , 11, e0148045	3.7	42
264	Normalization of similarity-based individual brain networks from gray matter MRI and its association with neurodevelopment in infants with intrauterine growth restriction. <i>NeuroImage</i> , 2013 , 83, 901-11	7.9	41
263	Deep versus periventricular white matter lesions and cognitive function in a community sample of middle-aged participants. <i>Journal of the International Neuropsychological Society</i> , 2012 , 18, 874-85	3.1	41
262	Assessment of the increase in variability when combining volumetric data from different scanners. <i>Human Brain Mapping</i> , 2009 , 30, 355-68	5.9	40
261	MRI and genetic correlates of cognitive function in elders with memory impairment. <i>Neurobiology of Aging</i> , 2001 , 22, 449-59	5.6	40
260	Structural integrity of the contralesional hemisphere predicts cognitive impairment in ischemic stroke at three months. <i>PLoS ONE</i> , 2014 , 9, e86119	3.7	39
259	Cognitive functions in multiple sclerosis: impact of gray matter integrity. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 424-32	5	38
258	Fetal brain MRI texture analysis identifies different microstructural patterns in adequate and small for gestational age fetuses at term. <i>Fetal Diagnosis and Therapy</i> , 2013 , 33, 122-9	2.4	38
257	Identifying the structures involved in seizure generation using sequential analysis of ictal-fMRI data. <i>NeuroImage</i> , 2009 , 47, 173-83	7.9	38
256	Increased methylation at an unexplored glucocorticoid responsive element within exon 1 of NR3C1 gene is related to anxious-depressive disorders and decreased hippocampal connectivity. <i>European Neuropsychopharmacology</i> , 2018 , 28, 579-588	1.2	37
255	Parry Romberg syndrome and linear scleroderma in coup de sabre mimicking Rasmussen encephalitis. <i>Neurology</i> , 2007 , 68, 1308-10	6.5	37
254	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
253	Prognostic value of changes in resting-state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. <i>Human Brain Mapping</i> , 2014 , 35, 3819-31	5.9	36
252	Structural brain changes and cognition in relation to markers of vascular dysfunction. <i>Neurobiology of Aging</i> , 2012 , 33, 1003.e9-17	5.6	36
251	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
250	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

249	Severity of Fetal Brain Abnormalities in Congenital Heart Disease in Relation to the Main Expected Pattern of in utero Brain Blood Supply. <i>Fetal Diagnosis and Therapy</i> , 2016 , 39, 269-78	2.4	35
248	A Mediterranean Diet Rich in Extra-Virgin Olive Oil Is Associated with a Reduced Prevalence of Nonalcoholic Fatty Liver Disease in Older Individuals at High Cardiovascular Risk. <i>Journal of Nutrition</i> , 2019 , 149, 1920-1929	4.1	35
247	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
246	PET/MRI and PET/MRI/SISCOM coregistration in the presurgical evaluation of refractory focal epilepsy. <i>Epilepsy Research</i> , 2015 , 111, 1-9	3	34
245	Normal gray and white matter volume after weight restoration in adolescents with anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2013 , 46, 841-8	6.3	34
244	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
243	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , 2020 , 87, 1022-1034	7.9	34
242	Dynamic functional reorganizations and relationship with working memory performance in healthy aging. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 152	3.3	33
241	Left posterior hippocampal density reduction using VBM and stereological MRI procedures in schizophrenia. <i>Schizophrenia Research</i> , 2007 , 96, 62-71	3.6	33
240	Cortical microstructure in the behavioural variant of frontotemporal dementia: looking beyond atrophy. <i>Brain</i> , 2019 , 142, 1121-1133	11.2	32
239	Donepezil treatment stabilizes functional connectivity during resting state and brain activity during memory encoding in Alzheimer's disease. <i>Journal of Clinical Psychopharmacology</i> , 2013 , 33, 199-205	1.7	32
238	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020 , 143, 2454-2473	11.2	32
237	Association between genetic variants related to glutamatergic, dopaminergic and neurodevelopment pathways and white matter microstructure in child and adolescent patients with obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , 2015 , 186, 284-92	6.6	31
236	Oxidative stress markers in the neocortex of drug-resistant epilepsy patients submitted to epilepsy surgery. <i>Epilepsy Research</i> , 2013 , 107, 75-81	3	31
235	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite European 3T study on healthy elderly. <i>Human Brain Mapping</i> , 2015 , 36, 3516-27	5.9	31
234	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
233	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2020 ,	5.9	31
232	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

231	Cortical laminar necrosis caused by immunosuppressive therapy and chemotherapy. <i>American Journal of Neuroradiology</i> , 2000 , 21, 479-84	4.4	30
230	Neurochemical Modulation in Posteromedial Default-mode Network Cortex Induced by Transcranial Magnetic Stimulation. <i>Brain Stimulation</i> , 2015 , 8, 937-44	5.1	29
229	Cortical thickness and behavior abnormalities in children born preterm. <i>PLoS ONE</i> , 2012 , 7, e42148	3.7	29
228	Cerebellar deficits in schizophrenia are associated with executive dysfunction. <i>NeuroReport</i> , 2008 , 19, 1513-7	1.7	29
227	Modest MRI signal intensity changes precede delayed cortical necrosis after transient focal ischemia in the rat. <i>Stroke</i> , 2006 , 37, 1525-32	6.7	29
226	Doppler sonography of the intertransverse segment of the vertebral artery. <i>Journal of Ultrasound in Medicine</i> , 2000 , 19, 47-53	2.9	29
225	Accuracy of arterial spin labeling magnetic resonance imaging (MRI) perfusion in detecting the epileptogenic zone in patients with drug-resistant neocortical epilepsy: comparison with electrophysiological data, structural MRI, SISCOM and FDG-PET. <i>European Journal of Neurology</i> , 2016 , 23, 160-7	6	29
224	FKBP5 modulates the hippocampal connectivity deficits in depression: a study in twins. <i>Brain Imaging and Behavior</i> , 2017 , 11, 62-75	4.1	28
223	Seizure-onset zone localization by statistical parametric mapping in visually normal (18) F-FDG PET studies. <i>Epilepsia</i> , 2016 , 57, 1236-44	6.4	28
222	Test-retest reliability of the default mode network in a multi-centric fMRI study of healthy elderly: Effects of data-driven physiological noise correction techniques. <i>Human Brain Mapping</i> , 2016 , 37, 2114-32	5.9	27
221	White matter microstructure is altered in cognitively normal middle-aged APOE- $\epsilon 4$ homozygotes. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 48	9	27
220	Evolving brain structural changes in PSEN1 mutation carriers. <i>Neurobiology of Aging</i> , 2015 , 36, 1261-70	5.6	27
219	A voxel-based diffusion tensor imaging study of temporal white matter in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 171, 166-76	2.9	27
218	Glucose and caffeine effects on sustained attention: an exploratory fMRI study. <i>Human Psychopharmacology</i> , 2010 , 25, 543-52	2.3	27
217	Age-related differences in default-mode network connectivity in response to intermittent theta-burst stimulation and its relationships with maintained cognition and brain integrity in healthy aging. <i>NeuroImage</i> , 2019 , 188, 794-806	7.9	27
216	Proton magnetic resonance spectroscopy assessment of fetal brain metabolism in late-onset 'small for gestational age' versus 'intrauterine growth restriction' fetuses. <i>Fetal Diagnosis and Therapy</i> , 2015 , 37, 108-16	2.4	26
215	Structural MRI correlates of the MMSE and pentagon copying test in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 1405-10	3.6	26
214	APOE status modulates the changes in network connectivity induced by brain stimulation in non-demented elders. <i>PLoS ONE</i> , 2012 , 7, e51833	3.7	26

213	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	26
212	Advanced MRI techniques: biomarkers in neuropsychiatric lupus. <i>Lupus</i> , 2017 , 26, 510-516	2.6	25
211	Dementia imaging in clinical practice: a European-wide survey of 193 centres and conclusions by the ESNR working group. <i>Neuroradiology</i> , 2019 , 61, 633-642	3.2	25
210	Differential tDCS and tACS Effects on Working Memory-Related Neural Activity and Resting-State Connectivity. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1440	5.1	25
209	Multicenter study of brain volume abnormalities in children and adolescent-onset psychosis. <i>Schizophrenia Bulletin</i> , 2011 , 37, 1270-80	1.3	25
208	Postictal psychosis: a retrospective study in patients with refractory temporal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009 , 18, 145-9	3.2	25
207	Apolipoproteins E and C1 and brain morphology in memory impaired elders. <i>Neurogenetics</i> , 2003 , 4, 141-6	3	25
206	Proton magnetic resonance spectroscopy in pediatric obsessive-compulsive disorder: longitudinal study before and after treatment. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 201, 17-24	2.9	24
205	Thalamic changes in a preterm sample with periventricular leukomalacia: correlation with white-matter integrity and cognitive outcome at school age. <i>Pediatric Research</i> , 2012 , 71, 354-60	3.2	24
204	(1)H-MR spectroscopy is sensitive to subtle effects of perinatal asphyxia. <i>Neurology</i> , 2001 , 57, 1115-8	6.5	24
203	Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. <i>Neurobiology of Aging</i> , 2019 , 77, 169-177	5.6	24
202	Motor and cortico-striatal-thalamic connectivity alterations in intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 214, 725.e1-9	6.4	23
201	Functional neuroimaging in startle epilepsy: involvement of a mesial frontoparietal network. <i>Epilepsia</i> , 2011 , 52, 1725-32	6.4	23
200	Medial temporal MR spectroscopy is related to memory performance in normal adolescent subjects. <i>NeuroReport</i> , 2004 , 15, 703-7	1.7	23
199	Brain correlates of progressive olfactory loss in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2017 , 41, 44-50	3.6	22
198	¹ H-MRS of the anterior cingulate cortex in childhood and adolescent obsessive-compulsive disorder: a case-control study. <i>European Neuropsychopharmacology</i> , 2015 , 25, 60-8	1.2	22
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