

# Nuria Bargallo

## 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.

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 | BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment.. <i>Scientific Reports</i> , <b>2022</b> , 12, 176   | 4.9 | 0         |
| 355 | Cortical microstructure in primary progressive aphasia: a multicenter study.. <i>Alzheimer's Research and Therapy</i> , <b>2022</b> , 14, 27  | 9   | 0         |
| 354 | Age-related brain deviations and aggression.. <i>Psychological Medicine</i> , <b>2022</b> , 1-10  | 6.9 | 2         |
| 353 | Cortical thickness 20 years after diagnosis of anorexia nervosa during adolescence. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2021</b> , 271, 1133-1139   | 5.1 | 6         |
| 352 | Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. <i>Epilepsia</i> , <b>2021</b> ,  | 6.4 | 5         |
| 351 | Multifocal Transcranial Direct Current Stimulation Modulates Resting-State Functional Connectivity in Older Adults Depending on the Induced Current Density.. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 725013   | 5.3 | 0         |
| 350 | Longitudinal study in adolescent anorexia nervosa: evaluation of cortico-striatal and default mode network resting-state brain circuits. <i>European Child and Adolescent Psychiatry</i> , <b>2021</b> , 1  | 5.5 | 1         |
| 349 | Baseline MRI atrophy predicts 2-year cognitive outcomes in early-onset Alzheimer's disease. <i>Journal of Neurology</i> , <b>2021</b> , 1   | 5.5 | 0         |
| 348 | Personality changes in patients suffering from drug-resistant epilepsy after surgical treatment: a 1-year follow-up study. <i>Epilepsy Research</i> , <b>2021</b> , 177, 106784   | 3   |           |
| 347 | Functional connectivity alterations associated with literacy difficulties in early readers. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 2109-2120   | 4.1 | 4         |
| 346 | Aggression subtypes relate to distinct resting state functional connectivity in children and adolescents with disruptive behavior. <i>European Child and Adolescent Psychiatry</i> , <b>2021</b> , 30, 1237-1249  | 5.5 | 5         |
| 345 | Brain and Lung Imaging Correlation in Patients with COVID-19: Could the Severity of Lung Disease Reflect the Prevalence of Acute Abnormalities on Neuroimaging? A Global Multicenter Observational Study. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 1008-1016 | 4.4 | 10        |
| 344 | Voxel-based morphometry for the evaluation of patients with pharmaco-resistant epilepsy with apparently normal MRI. <i>Journal of Neuroimaging</i> , <b>2021</b> , 31, 560-568  | 2.8 | 3         |
| 343 | Functional brain changes associated with cognitive trajectories determine specific tDCS-induced effects among older adults. <i>Journal of Neuroscience Research</i> , <b>2021</b> , 99, 2188-2200   | 4.4 | 1         |
| 342 | Volumetric and shape analysis of the hippocampus in temporal lobe epilepsy with GAD65 antibodies compared with non-immune epilepsy. <i>Scientific Reports</i> , <b>2021</b> , 11, 10199   | 4.9 | 1         |
| 341 | The impact of the Covid-19 pandemic on adult diagnostic neuroradiology in Europe. <i>Neuroradiology</i> , <b>2021</b> , 1   | 3.2 |           |
| 340 | Psychiatric disorders in patients with resistant temporal lobe epilepsy two years after undergoing elective surgery. A longitudinal study. <i>Epilepsy and Behavior</i> , <b>2021</b> , 118, 107921   | 3.2 | 3         |

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| 339 | Impaired Structural Connectivity in Parkinson's Disease Patients with Mild Cognitive Impairment: A Study Based on Probabilistic Tractography. <i>Brain Connectivity</i> , <b>2021</b> , 11, 380-392               | 2.7 | 2  |
| 338 | Psychotic symptoms in drug resistant epilepsy patients after cortical stimulation. <i>Epilepsy Research</i> , <b>2021</b> , 173, 106630   | 3   | 1  |
| 337 | Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study. <i>Magnetic Resonance Imaging</i> , <b>2021</b> , 76, 108-115 | 3.3 | 7  |
| 336 | Hierarchical cluster analysis of multimodal imaging data identifies brain atrophy and cognitive patterns in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2021</b> , 82, 16-23              | 3.6 | 10 |
| 335 | Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 500-514                     | 1.2 | 8  |
| 334 | Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102765                           | 5.3 | 8  |
| 333 | Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , <b>2021</b> ,  | 5.9 | 26 |
| 332 | Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , <b>2021</b> ,   | 5.9 | 13 |
| 331 | Perinatal post-mortem magnetic resonance imaging (MRI) of the central nervous system (CNS): a pictorial review. <i>Insights Into Imaging</i> , <b>2021</b> , 12, 104  | 5.6 | 0  |
| 330 | tDCS-Induced Memory Reconsolidation Effects and Its Associations With Structural and Functional MRI Substrates in Subjective Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 695232 | 5.3 | 3  |
| 329 | How to inject ictal SPECT? From manual to automated injection. <i>Epilepsy Research</i> , <b>2021</b> , 175, 106691   | 3   | 0  |
| 328 | A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , <b>2021</b> ,  | 5.2 | 2  |
| 327 | Synthetic MRI in subarachnoid haemorrhage. <i>Clinical Radiology</i> , <b>2021</b> , 76, 785.e17-785.e23  | 2.9 | 1  |
| 326 | Longitudinal brain atrophy and CSF biomarkers in early-onset Alzheimer's disease. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102804  | 5.3 | 3  |
| 325 | Disrupted functional connectivity in PD with probable RBD and its cognitive correlates.. <i>Scientific Reports</i> , <b>2021</b> , 11, 24351  | 4.9 | 0  |
| 324 | Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated segmentation in old and young healthy volunteers. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e040322             | 1.2 |    |
| 323 | Working memory modulation using multifocal transcranial direct current stimulation in stable and decliner older adults. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e045745                               | 1.2 | 1  |
| 322 | Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , <b>2020</b> , 218, 116932                           | 7.9 | 15 |

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| 321 | The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , <b>2020</b> ,   | 5.9  | 18 |
| 320 | External trigeminal nerve stimulation for drug resistant epilepsy: A randomized controlled trial. <i>Brain Stimulation</i> , <b>2020</b> , 13, 1245-1253  | 5.1  | 5  |
| 319 | Clinical practice of language fMRI in epilepsy centers: a European survey and conclusions by the ESNR Epilepsy Working Group. <i>Neuroradiology</i> , <b>2020</b> , 62, 549-562   | 3.2  | 3  |
| 318 | How to interpret images in epileptic seizures: correlation between clinical and functional MRI findings. <i>Radiologia</i> , <b>2020</b> , 62, 102-111  | 0.1  |    |
| 317 | The effects of callous-unemotional traits and aggression subtypes on amygdala activity in response to negative faces. <i>Psychological Medicine</i> , <b>2020</b> , 1-9   | 6.9  | 4  |
| 316 | Diagnostic Accuracy of MRI Visual Rating Scales in the Diagnosis of Early Onset Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 73, 1575-1583   | 4.3  | 9  |
| 315 | Contribution of CSF biomarkers to early-onset Alzheimer's disease and frontotemporal dementia neuroimaging signatures. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 2004-2013   | 5.9  | 8  |
| 314 | Functional magnetic resonance imaging (fMRI) of the sensorimotor cortex in spinal cord injury patient after intensive rehabilitation. <i>Research on Biomedical Engineering</i> , <b>2020</b> , 36, 129-137   | 1.2  | 0  |
| 313 | How to interpret images in epileptic seizures: correlation between clinical and functional MRI findings. <i>Radiologia</i> , <b>2020</b> , 62, 102-111  | 0.6  |    |
| 312 | Functional and structural correlates of working memory performance and stability in healthy older adults. <i>Brain Structure and Function</i> , <b>2020</b> , 225, 375-386  | 4    | 9  |
| 311 | Beyond the Epileptic Focus: Functional Epileptic Networks in Focal Epilepsy. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 2338-2357   | 5.1  | 7  |
| 310 | Disruption of posterior brain functional connectivity and its relation to cognitive impairment in idiopathic REM sleep behavior disorder. <i>NeuroImage: Clinical</i> , <b>2020</b> , 25, 102138  | 5.3  | 15 |
| 309 | Cortical gray matter progression in idiopathic REM sleep behavior disorder and its relation to cognitive decline. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102421  | 5.3  | 4  |
| 308 | Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , <b>2020</b> ,  | 5.9  | 31 |
| 307 | Specific cortical and subcortical alterations for reactive and proactive aggression in children and adolescents with disruptive behavior. <i>NeuroImage: Clinical</i> , <b>2020</b> , 27, 102344  | 5.3  | 3  |
| 306 | White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , <b>2020</b> , 143, 2454-2473   | 11.2 | 32 |
| 305 | Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 1022-1034  | 7.9  | 34 |
| 304 | Value of Posterior circulation ASPECTS and Pons-Midbrain Index on non-contrast CT and CT Angiography Source Images in patients with basilar artery occlusion recanalized after mechanical thrombectomy. <i>Radiologia</i> , <b>2019</b> , 61, 143-152 | 0.6  | 6  |

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| 303 | Interactive effect of age and APOE- $\epsilon$ allele load on white matter myelin content in cognitively normal middle-aged subjects. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 101983  | 5.3  | 6  |
| 302 | Comparing the accuracy and neuroanatomical correlates of the UPSIT-40 and the Sniffin' Sticks test in REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 65, 197-202  | 3.6  | 10 |
| 301 | Functional MRI with a set-shifting task in adolescent anorexia nervosa: A cross-sectional and follow-up study. <i>Neuropsychologia</i> , <b>2019</b> , 131, 1-8   | 3.2  | 7  |
| 300 | Cortical thickness in subjects twenty years after diagnosis of anorexia nervosa during adolescence. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, S207-S208   | 1.2  |    |
| 299 | Epileptogenic Zone Localization With FDG PET Using a New Dynamic Parametric Analysis. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 380   | 4.1  | 6  |
| 298 | Neuroradiological Evaluation of Patients with Seizures <b>2019</b> , 1-27   |      |    |
| 297 | Progression of Parkinson's disease patients' subtypes based on cortical thinning: 4-year follow-up. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 64, 286-292   | 3.6  | 15 |
| 296 | Biomarker Identification, Safety, and Efficacy of High-Dose Antioxidants for Adrenomyeloneuropathy: a Phase II Pilot Study. <i>Neurotherapeutics</i> , <b>2019</b> , 16, 1167-1182  | 6.4  | 19 |
| 295 | Cortical Gray Matter and Hippocampal Atrophy in Idiopathic Rapid Eye Movement Sleep Behavior Disorder. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 312  | 4.1  | 14 |
| 294 | Cortical microstructure in the behavioural variant of frontotemporal dementia: looking beyond atrophy. <i>Brain</i> , <b>2019</b> , 142, 1121-1133  | 11.2 | 32 |
| 293 | Value of Posterior circulation ASPECTS and Pons-Midbrain Index on non-contrast CT and CT Angiography Source Images in patients with basilar artery occlusion recanalized after mechanical thrombectomy. <i>Radiologia</i> , <b>2019</b> , 61, 143-152 | 0.1  | 2  |
| 292 | Dementia imaging in clinical practice: a European-wide survey of 193 centres and conclusions by the ESNR working group. <i>Neuroradiology</i> , <b>2019</b> , 61, 633-642   | 3.2  | 25 |
| 291 | Clinical applicability of diagnostic biomarkers in early-onset cognitive impairment. <i>European Journal of Neurology</i> , <b>2019</b> , 26, 1098-1104   | 6    | 11 |
| 290 | Co-morbid demyelinating lesions and atypical clinical features in a patient with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 62, 242-245   | 3.6  |    |
| 289 | Differential tDCS and tACS Effects on Working Memory-Related Neural Activity and Resting-State Connectivity. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1440  | 5.1  | 25 |
| 288 | Unilateral pallidal stimulation for disabling dystonia due to Rasmussen's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 108-110   | 5.5  | 2  |
| 287 | Diagnostic Accuracy, Item Analysis and Age Effects of the UPSIT Spanish Version in Parkinson's Disease. <i>Archives of Clinical Neuropsychology</i> , <b>2019</b> , 34, 435-444   | 2.7  | 4  |
| 286 | Neuroradiological Evaluation of Patients with Seizures <b>2019</b> , 863-889  |      | 1  |

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|-----|---|------|-----|
| 285 | Hippocampal atrophy has limited usefulness as a diagnostic biomarker on the early onset Alzheimer's disease patients: A comparison between visual and quantitative assessment. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101927                       | 5.3  | 18  |
| 284 | 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> , <b>2019</b> , 149, 1920-1929                | 4.1  | 35  |
| 283 | Structural brain network of gifted children has a more integrated and versatile topology. <i>Brain Structure and Function</i> , <b>2019</b> , 224, 2373-2383  | 4    | 18  |
| 282 | Global and Regional Changes in Cortical Development Assessed by MRI in Fetuses with Isolated Nonsevere Ventriculomegaly Correlate with Neonatal Neurobehavior. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 1567-1574                      | 4.4  | 3   |
| 281 | Severity dependent distribution of impairments in PSP and CBS: Interactive visualizations. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 60, 138-145  | 3.6  | 4   |
| 280 | 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> , <b>2019</b> , 188, 794-806       | 7.9  | 27  |
| 279 | Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. <i>Neurobiology of Aging</i> , <b>2019</b> , 77, 169-177  | 5.6  | 24  |
| 278 | 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> , <b>2018</b> , 28, 579-588 | 1.2  | 37  |
| 277 | Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , <b>2018</b> , 141, 391-408   | 11.2 | 187 |
| 276 | Glioma imaging in Europe: A survey of 220 centres and recommendations for best clinical practice. <i>European Radiology</i> , <b>2018</b> , 28, 3306-3317   | 8    | 88  |
| 275 | Systematic review with meta-analysis: neuroimaging in hepatitis C chronic infection. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2018</b> , 47, 1238-1252  | 6.1  | 7   |
| 274 | Higher prevalence of cerebral white matter hyperintensities in homozygous APOE-e4 allele carriers aged 45-75: Results from the ALFA study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 250-261                                 | 7.3  | 17  |
| 273 | Gray matter changes and cognitive predictors of 2-year follow-up abnormalities in early-onset first-episode psychosis. <i>European Child and Adolescent Psychiatry</i> , <b>2018</b> , 27, 113-126  | 5.5  | 13  |
| 272 | Structural Brain Correlations of Visuospatial and Visuo-perceptual Tests in Parkinson's Disease. <i>Journal of the International Neuropsychological Society</i> , <b>2018</b> , 24, 33-44   | 3.1  | 16  |
| 271 | Psychiatric Symptoms in Refractory Epilepsy During the First Year After Surgery. <i>Neurotherapeutics</i> , <b>2018</b> , 15, 1082-1092   | 6.4  | 9   |
| 270 | PISCOM: a new procedure for epilepsy combining ictal SPECT and interictal PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 2358-2367  | 8.8  | 10  |
| 269 | Gray/White Matter Contrast in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 89  | 5.3  | 5   |
| 268 | Magnetic resonance markers of tissue damage related to connectivity disruption in multiple sclerosis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 161-168   | 5.3  | 14  |



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| 267 | White matter microstructure is altered in cognitively normal middle-aged APOE- $\epsilon$ homozygotes. <i>Alzheimer's Research and Therapy</i> , <b>2018</b> , 10, 48   | 9    | 27  |
| 266 | Future Perspectives in the Diagnosis of Neuropsychiatric Lupus by Advanced Magnetic Resonance Imaging Techniques. <i>Current Rheumatology Reviews</i> , <b>2018</b> , 14, 213-218   | 1.6  | 4   |
| 265 | 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> , <b>2018</b> , 175, 453-462              | 11.9 | 117 |
| 264 | 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> , <b>2018</b> , 46, 62-68   | 3.6  | 36  |
| 263 | IC-P-126: VOLUMETRIC ACCURACY OF A FULLY AUTOMATIC TOOL FOR WHITE MATTER HYPERINTENSITIES (WMHS) SEGMENTATION <b>2018</b> , 14, P105-P106   |      | 1   |
| 262 | Differential Progression of Regional Hippocampal Atrophy in Aging and Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 325   | 5.3  | 12  |
| 261 | Typical asymmetry in the hemispheric activation during an fMRI verbal comprehension paradigm is related to better performance in verbal and non-verbal tasks in patients with epilepsy. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 742-752 | 5.3  | 1   |
| 260 | FKBP5 modulates the hippocampal connectivity deficits in depression: a study in twins. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 62-75  | 4.1  | 28  |
| 259 | Feasibility and Success Rate of a Fetal MRI and MR Spectroscopy Research Protocol Performed at Term Using a 3.0-Tesla Scanner. <i>Fetal Diagnosis and Therapy</i> , <b>2017</b> , 41, 127-135   | 2.4  | 9   |
| 258 | Intrinsic functional connectivity of fronto-temporal networks in adolescents with early psychosis. <i>European Child and Adolescent Psychiatry</i> , <b>2017</b> , 26, 669-679  | 5.5  | 7   |
| 257 | Imaging spectrum of central nervous system complications of hematopoietic stem cell and solid organ transplantation. <i>Neuroradiology</i> , <b>2017</b> , 59, 105-126  | 3.2  | 12  |
| 256 | Advanced MRI techniques: biomarkers in neuropsychiatric lupus. <i>Lupus</i> , <b>2017</b> , 26, 510-516   | 2.6  | 25  |
| 255 | Brain correlates of progressive olfactory loss in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2017</b> , 41, 44-50  | 3.6  | 22  |
| 254 | Incidental findings on brain MRI of cognitively normal first-degree descendants of patients with Alzheimer's disease: a cross-sectional analysis from the ALFA (Alzheimer and Families) project. <i>BMJ Open</i> , <b>2017</b> , 7, e013215     | 3    | 21  |
| 253 | Prediction of Cardiovascular Disease by the Framingham-REGICOR Equation in the High-Risk PREDIMED Cohort: Impact of the Mediterranean Diet Across Different Risk Strata. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,    | 6    | 11  |
| 252 | Epilepsy surgery in drug resistant temporal lobe epilepsy associated with neuronal antibodies. <i>Epilepsy Research</i> , <b>2017</b> , 129, 101-105  | 3    | 51  |
| 251 | Red Blood Cell Eicosapentaenoic Acid Inversely Relates to MRI-Assessed Carotid Plaque Lipid Core Burden in Elders at High Cardiovascular Risk. <i>Nutrients</i> , <b>2017</b> , 9,  | 6.7  | 2   |
| 250 | [P1B70]: AGE-RELATED DIFFERENCES IN THE MODULATION OF RESTING-STATE FUNCTIONAL CONNECTIVITY FOLLOWING REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION <b>2017</b> , 13, P402-P403  |      |     |

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| 249 | Cortical Morphology Characteristics of Young Offspring of Patients With Schizophrenia or Bipolar Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2017</b> , 56, 79-88  | 7.2  | 17  |
| 248 | 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> , <b>2017</b> , 38, 12-26                        | 5.9  | 51  |
| 247 | Differential age-related gray and white matter impact mediates educational influence on elders' cognition. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 318-332  | 4.1  | 16  |
| 246 | Distinct Subcortical Volume Alterations in Pediatric and Adult OCD: A Worldwide Meta- and Mega-Analysis. <i>American Journal of Psychiatry</i> , <b>2017</b> , 174, 60-69   | 11.9 | 183 |
| 245 | Brain metabolite alterations in infants born preterm with intrauterine growth restriction: association with structural changes and neurodevelopmental outcome. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 216, 62.e1-62.e14 | 6.4  | 14  |
| 244 | [P2010]: VISUAL AND QUANTITATIVE ASSESSMENT OF HIPPOCAMPAL ATROPHY IN EARLY ONSET ALZHEIMER'S DISEASE PATIENTS <b>2017</b> , 13, P789-P789  |      |     |
| 243 | [P3062]: ACROSS-SESSION REPRODUCIBILITY OF AUTOMATIC WHITE MATTER HYPERINTENSITIES SEGMENTATION: A EUROPEAN MULTI-SITE 3T STUDY <b>2017</b> , 13, P954-P955   |      |     |
| 242 | Clinical Neuropathology image 4-2017: High-resolution 7 Tesla MRI of postmortem brain specimens: improving neuroimaging-neuropathology correlations <b>2017</b> , 36, 162-163   |      | 1   |
| 241 | Quantitative Magnetic Resonance Abnormalities in Creutzfeldt-Jakob Disease and Fatal Insomnia. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 55, 431-443  | 4.3  | 13  |
| 240 | Intrinsic Functional Connectivity in Preterm Infants with Fetal Growth Restriction Evaluated at 12 Months Corrected Age. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 4750-4758   | 5.1  | 14  |
| 239 | Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. <i>NeuroImage</i> , <b>2016</b> , 124, 442-454  | 7.9  | 58  |
| 238 | White matter hyperintensities and cognitive reserve during a working memory task: a functional magnetic resonance imaging study in cognitively normal older adults. <i>Neurobiology of Aging</i> , <b>2016</b> , 48, 23-33                            | 5.6  | 17  |
| 237 | 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> , <b>2016</b> , 39, 269-78  | 2.4  | 35  |
| 236 | 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> , <b>2016</b> , 37, 2114-32                        | 5.9  | 27  |
| 235 | Intrinsic connectivity networks from childhood to late adolescence: Effects of age and sex. <i>Developmental Cognitive Neuroscience</i> , <b>2016</b> , 17, 35-44   | 5.5  | 58  |
| 234 | Combined F-FDG-PET and diffusion tensor imaging in mesial temporal lobe epilepsy with hippocampal sclerosis. <i>NeuroImage: Clinical</i> , <b>2016</b> , 12, 976-989  | 5.3  | 15  |
| 233 | 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> , <b>2016</b> , 47, 65-73  | 5.8  | 52  |
| 232 | Dietary Linolenic Acid, Marine Omega-3 Fatty Acids, and Mortality in a Population With High Fish Consumption: Findings From the PReventi3n Dieta MEDiterr3nea (PREDIMED) Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,   | 6    | 48  |



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| 4  | Cortical Thickness Trajectories across the Lifespan: Data from 17,075 healthy individuals aged 3-90 years                                      |     | 4  |
| 3  | A systems-level analysis highlights microglial activation as a modifying factor in common forms of human epilepsy                              |     | 6  |
| 2  | White Matter Microstructure and its Relation to Clinical Features of Obsessive-Compulsive Disorder: Findings from the ENIGMA OCD Working Group |     | 5  |
| 1  | MELD Project: Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia   |     | 2  |