

Oriol Grau-Rivera

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

1,825
citations

236833

25
h-index

289141

40
g-index

76
all docs

76
docs citations

76
times ranked

3583
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Genotypic effects of <i>APOE</i> ϵ μ 4 on resting-state connectivity in cognitively intact individuals support functional brain compensation. <i>Cerebral Cortex</i> , 2023, 33, 2748-2760. | 1.6 | 5 |
| 2 | Soundtrack of life: An fMRI study. <i>Behavioural Brain Research</i> , 2022, 418, 113634. | 1.2 | 0 |
| 3 | Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview. <i>Alzheimer's and Dementia</i> , 2022, 18, 1868-1879. | 0.4 | 26 |
| 4 | Brain alterations in the early Alzheimer's continuum with amyloid β , tau, glial and neurodegeneration CSF markers. <i>Brain Communications</i> , 2022, 4, . | 1.5 | 12 |
| 5 | DHA intake relates to better cerebrovascular and neurodegeneration neuroimaging phenotypes in middle-aged adults at increased genetic risk of Alzheimer disease. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1627-1635. | 2.2 | 17 |
| 6 | Amyloid β positive individuals with subjective cognitive decline present increased CSF neurofilament light levels that relate to lower hippocampal volume. <i>Neurobiology of Aging</i> , 2021, 104, 24-31. | 1.5 | 13 |
| 7 | CSF Synaptic Biomarkers in the Preclinical Stage of Alzheimer Disease and Their Association With MRI and PET. <i>Neurology</i> , 2021, 97, e2065-e2078. | 1.5 | 40 |
| 8 | Associations between air pollution and biomarkers of Alzheimer's disease in cognitively unimpaired individuals. <i>Environment International</i> , 2021, 157, 106864. | 4.8 | 40 |
| 9 | Higher levels of the astrocytic marker CSF YKL40 are associated with better memory performance only in amyloid β -positive individuals with subjective cognitive decline. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 1 |
| 10 | Subjective cognitive decline is associated with higher anxiety and depression during the COVID-19 related confinement. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 1 |
| 11 | Perivascular spaces are associated with tau pathophysiology and synaptic dysfunction in early Alzheimer's continuum. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 2 |
| 12 | Cross-sectional associations between sleep quality reports and core Alzheimer's disease biomarkers in cognitively unimpaired adults from the European Prevention of Alzheimer's Dementia Longitudinal Cohort Study (EPAD LCS). <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 13 | Distinctive effect of biological sex in AD-related CSF and plasma biomarkers. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 2 |
| 14 | Data-driven approach for early detection of pathological pathways in middle-aged adults with family history of sporadic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 15 | Structural, metabolic and cognitive characteristics of cognitively unimpaired subjects with mismatching β -amyloid biomarkers. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 16 | Associations between iron deposition in the brain and grey matter volumes in cognitively unimpaired adults. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 17 | Association of body mass index with brain structure and biomarkers of inflammation in cognitively unimpaired middle-aged adults with and without evidence of β -amyloid pathology. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 18 | Current status and quantitative results of the AMYPAD prognostic and natural history study. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |

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|----|---|-----|-----------|
| 19 | Sex, caregiver status and amyloid positivity predict increased anxiety and depression during the COVID-19 related confinement. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 20 | Patterns of white matter hyperintensities associated with cognition in middle-aged cognitively healthy individuals. <i>Brain Imaging and Behavior</i> , 2020, 14, 2012-2023. | 1.1 | 40 |
| 21 | Association between insomnia and cognitive performance, gray matter volume, and white matter microstructure in cognitively unimpaired adults. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 4. | 3.0 | 53 |
| 22 | White matter hyperintensities mediate gray matter volume and processing speed relationship in cognitively unimpaired participants. <i>Human Brain Mapping</i> , 2020, 41, 1309-1322. | 1.9 | 27 |
| 23 | Sex Differences of Longitudinal Brain Changes in Cognitively Unimpaired Adults. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 1413-1422. | 1.2 | 4 |
| 24 | Association of years to parent's sporadic onset and risk factors with neural integrity and Alzheimer biomarkers. <i>Neurology</i> , 2020, 95, e2065-e2074. | 1.5 | 3 |
| 25 | Effect of BDNF Val66Met on hippocampal subfields volumes and compensatory interaction with APOE- ϵ 4 in middle-age cognitively unimpaired individuals from the ALFA study. <i>Brain Structure and Function</i> , 2020, 225, 2331-2345. | 1.2 | 5 |
| 26 | Novel tau biomarkers phosphorylated at T181, T217 or T231 rise in the initial stages of the preclinical Alzheimer's continuum when only subtle changes in A β pathology are detected. <i>EMBO Molecular Medicine</i> , 2020, 12, e12921. | 3.3 | 202 |
| 27 | Amyloid β , tau, synaptic dysfunction, neurodegeneration, glial and vascular biomarkers in the preclinical stage of the Alzheimer's continuum. <i>Alzheimer's and Dementia</i> , 2020, 16, e044444. | 0.4 | 0 |
| 28 | Emerging beta-amyloid pathology is associated with tau, synaptic, neurodegeneration and gray matter volume differences. <i>Alzheimer's and Dementia</i> , 2020, 16, e044466. | 0.4 | 1 |
| 29 | Genetically predicted telomere length and Alzheimer's disease endophenotypes: A Mendelian randomization study. <i>Alzheimer's and Dementia</i> , 2020, 16, e044720. | 0.4 | 0 |
| 30 | The effect of physical activity on CSF biomarkers of Alzheimer's disease differs between men and women. <i>Alzheimer's and Dementia</i> , 2020, 16, e044722. | 0.4 | 0 |
| 31 | Air pollution and biomarkers of Alzheimer's disease in cognitively unimpaired individuals. <i>Alzheimer's and Dementia</i> , 2020, 16, e044802. | 0.4 | 3 |
| 32 | Multiple pathophysiological biomarkers are associated with gray matter volume and cerebral glucose metabolism in the early preclinical Alzheimer's continuum. <i>Alzheimer's and Dementia</i> , 2020, 16, e044808. | 0.4 | 0 |
| 33 | APOE ϵ 4 shapes temporo-parietal network properties in middle-aged, cognitively unimpaired individuals: A graph theory analysis. <i>Alzheimer's and Dementia</i> , 2020, 16, e045092. | 0.4 | 0 |
| 34 | Weight loss predicts Alzheimer's disease biomarker positivity in cognitively unimpaired middle-aged adults. <i>Alzheimer's and Dementia</i> , 2020, 16, e045137. | 0.4 | 0 |
| 35 | Proximity to parental age at onset exacerbates amyloid burden while mental conditions exacerbate neural loss during midlife. <i>Alzheimer's and Dementia</i> , 2020, 16, e045171. | 0.4 | 0 |
| 36 | Incidence of subjective cognitive decline is associated with amyloid β pathology, whereas stability relates to neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, e045293. | 0.4 | 0 |

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|----|--|-----|-----------|
| 37 | Amyloid β -positive individuals with subjective cognitive decline present increased CSF neurofilament light levels that relate to hippocampal volume. <i>Alzheimer's and Dementia</i> , 2020, 16, e045715. | 0.4 | 0 |
| 38 | The Barcelona beta dementia prevention research clinic: Study design, recruitment profiles and inclusion in prevention studies – An update. <i>Alzheimer's and Dementia</i> , 2020, 16, e045800. | 0.4 | 0 |
| 39 | Amyloid beta, tau, synaptic, neurodegeneration, and glial biomarkers in the preclinical stage of the Alzheimer's <i>continuum</i>. <i>Alzheimer's and Dementia</i> , 2020, 16, 1358-1371. | 0.4 | 120 |
| 40 | Copathology in Progressive Supranuclear Palsy: Does It Matter?. <i>Movement Disorders</i> , 2020, 35, 984-993. | 2.2 | 48 |
| 41 | A unique common ancestor introduced P301L mutation in MAPT gene in frontotemporal dementia patients from Barcelona (Baix Llobregat, Spain). <i>Neurobiology of Aging</i> , 2019, 84, 236.e9-236.e15. | 1.5 | 7 |
| 42 | Interactive effect of age and APOE- ϵ 4 allele load on white matter myelin content in cognitively normal middle-aged subjects. <i>NeuroImage: Clinical</i> , 2019, 24, 101983. | 1.4 | 30 |
| 43 | Spatial patterns of white matter hyperintensities associated with Alzheimer's disease risk factors in a cognitively healthy middle-aged cohort. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 12. | 3.0 | 46 |
| 44 | Centiloid cut-off values for optimal agreement between PET and CSF core AD biomarkers. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 27. | 3.0 | 82 |
| 45 | CSF glial biomarkers YKL40 and sTREM2 are associated with longitudinal volume and diffusivity changes in cognitively unimpaired individuals. <i>NeuroImage: Clinical</i> , 2019, 23, 101801. | 1.4 | 26 |
| 46 | Structural Connectivity Alterations Along the Alzheimer's Disease Continuum: Reproducibility Across Two Independent Samples and Correlation with Cerebrospinal Fluid Amyloid- β and Tau. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1575-1587. | 1.2 | 25 |
| 47 | Tauopathy with Hippocampal 4 β -Repeat Tau Immunoreactive Spherical Inclusions in a Patient with PSP. <i>Brain Pathology</i> , 2018, 28, 284-286. | 2.1 | 4 |
| 48 | Analysis of known amyotrophic lateral sclerosis and frontotemporal dementia genes reveals a substantial genetic burden in patients manifesting both diseases not carrying the <i>C9orf72</i> expansion mutation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 162-168. | 0.9 | 44 |
| 49 | Brain and cognitive correlates of subjective cognitive decline-plus features in a population-based cohort. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 123. | 3.0 | 73 |
| 50 | Prevalence of amyloid β pathology in distinct variants of primary progressive aphasia. <i>Annals of Neurology</i> , 2018, 84, 729-740. | 2.8 | 132 |
| 51 | Variably protease-sensitive prionopathy presenting within ALS/FTD spectrum. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1297-1302. | 1.7 | 10 |
| 52 | Distinct Cognitive and Brain Morphological Features in Healthy Subjects Unaware of Informant-Reported Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 181-191. | 1.2 | 15 |
| 53 | White matter microstructure is altered in cognitively normal middle-aged APOE- ϵ 4 homozygotes. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 48. | 3.0 | 43 |
| 54 | Systematic Screening of Ubiquitin/p62 Aggregates in Cerebellar Cortex Expands the Neuropathological Phenotype of the C9orf72 Expansion Mutation. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2018, 77, 703-709. | 0.9 | 18 |

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|----|---|-----|-----------|
| 55 | Deleterious ABCA7 mutations and transcript rescue mechanisms in early onset Alzheimer's disease. <i>Acta Neuropathologica</i> , 2017, 134, 475-487. | 3.9 | 53 |
| 56 | Regional Overlap of Pathologies in Lewy Body Disorders. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 216-224. | 0.9 | 45 |
| 57 | Frontotemporal Dementia Caused by the P301L Mutation in MAPT Gene: Clinicopathological Features of 13 Cases from the Same Geographical Origin in Barcelona, Spain. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 44, 213-221. | 0.7 | 31 |
| 58 | Neuronal intranuclear (hyaline) inclusion disease and fragile X-associated tremor/ataxia syndrome: a morphological and molecular dilemma. <i>Brain</i> , 2017, 140, e51-e51. | 3.7 | 43 |
| 59 | Conjoint FTLD-FUS of the neuronal intermediate filament inclusion disease type, progressive supranuclear palsy and Alzheimer's pathology presenting as parkinsonism with early falls and late hallucinations, psychosis and dementia. <i>Neuropathology and Applied Neurobiology</i> , 2017, 43, 352-357. | 1.8 | 2 |
| 60 | Dementia with Lewy Bodies: Molecular Pathology in the Frontal Cortex in Typical and Rapidly Progressive Forms. <i>Frontiers in Neurology</i> , 2017, 8, 89. | 1.1 | 35 |
| 61 | Clinical Neuropathology image 4-2017: High-resolution 7 Tesla MRI of postmortem brain specimens: improving neuroimaging-neuropathology correlations. , 2017, 36, 162-163. | | 1 |
| 62 | Altered mechanisms of protein synthesis in frontal cortex in Alzheimer disease and a mouse model. <i>American Journal of Neurodegenerative Disease</i> , 2017, 6, 15-25. | 0.1 | 19 |
| 63 | Pisa syndrome in a patient with pathologically confirmed Parkinson's disease. <i>Neuropathology and Applied Neurobiology</i> , 2016, 42, 654-658. | 1.8 | 6 |
| 64 | Sporadic MM2-thalamic+cortical Creutzfeldt-Jakob disease: Utility of diffusion tensor imaging in the detection of cortical involvement <i>in vivo</i> . <i>Neuropathology</i> , 2016, 36, 199-204. | 0.7 | 11 |
| 65 | Quantitative Magnetic Resonance Abnormalities in Creutzfeldt-Jakob Disease and Fatal Insomnia. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 431-443. | 1.2 | 17 |
| 66 | A comprehensive study of the genetic impact of rare variants in SORL1 in European early-onset Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016, 132, 213-224. | 3.9 | 83 |
| 67 | Cerebrospinal Fluid Biomarkers Predict Clinical Evolution in Patients with Subjective Cognitive Decline and Mild Cognitive Impairment. <i>Neurodegenerative Diseases</i> , 2016, 16, 69-76. | 0.8 | 36 |
| 68 | Clinicopathological Correlations and Concomitant Pathologies in Rapidly Progressive Dementia: A Brain Bank Series. <i>Neurodegenerative Diseases</i> , 2015, 15, 350-360. | 0.8 | 35 |
| 69 | Diagnostic accuracy of behavioral variant frontotemporal dementia consortium criteria (FTDC) in a clinicopathological cohort. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 882-892. | 1.8 | 26 |
| 70 | Subtype and regional regulation of prion biomarkers in sporadic Creutzfeldt-Jakob disease. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 631-645. | 1.8 | 24 |
| 71 | Rapidly progressive dementia with psychotic onset in a patient with the C9ORF72 mutation. , 2015, 34, 294-297. | | 7 |
| 72 | Determination of Neuronal Antibodies in Suspected and Definite Creutzfeldt-Jakob Disease. <i>JAMA Neurology</i> , 2014, 71, 74. | 4.5 | 59 |

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|----|---|-----|-----------|
| 73 | Large APP locus duplication in a sporadic case of cerebral haemorrhage. <i>Neurogenetics</i> , 2014, 15, 145-149. | 0.7 | 12 |
| 74 | Prominent psychiatric symptoms in patients with Parkinson's disease and concomitant argyrophilic grain disease. <i>Journal of Neurology</i> , 2013, 260, 3002-3009. | 1.8 | 15 |
| 75 | PrP mRNA and protein expression in brain and PrP ^{Sc} in CSF in Creutzfeldt-Jakob disease MM1 and VV2. <i>Prion</i> , 2013, 7, 383-393. | 0.9 | 45 |