# Carlos J Rodriguez-Ortiz

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 1,711 citations | 257101 24 h-index | 329751 37 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 2282 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The consolidation of object and context recognition memory involve different regions of the temporal lobe. Learning and Memory, 2008, 15, 618-624. | 0.5 | 188 |
| 2 | Ceftriaxone ameliorates tau pathology and cognitive decline via restoration of glial glutamate transporter in a mouse model of Alzheimer's disease. Neurobiology of Aging, 2015, 36, 2260-2271. | 1.5 | 128 |
| 3 | Protein synthesis underlies post-retrieval memory consolidation to a restricted degree only when updated information is obtained. Learning and Memory, 2005, 12, 533-537. | 0.5 | 101 |
| 4 | Infection, systemic inflammation, and Alzheimer's disease. Microbes and Infection, 2015, 17, 549-556. | 1.0 | 81 |
| 5 | Upregulation of miR-181 Decreases c-Fos and SIRT-1 in the Hippocampus of 3xTg-AD Mice. Journal of Alzheimer's Disease, 2014, 42, 1229-1238. | 1.2 | 77 |
| 6 | Shortâ€term modern lifeâ€like stress exacerbates Aî²â€pathology and synapse loss in 3xTgâ€<scp>AD</scp> mice. Journal of Neurochemistry, 2015, 134, 915-926. | 2.1 | 74 |
| 7 | Basolateral amygdala glutamatergic activation enhances taste aversion through NMDA receptor activation in the insular cortex. European Journal of Neuroscience, 2005, 22, 2596-2604. | 1.2 | 69 |
| 8 | Intrahippocampal anisomycin infusions disrupt previously consolidated spatial memory only when memory is updated. Neurobiology of Learning and Memory, 2008, 89, 352-359. | 1.0 | 69 |
| 9 | Cholinergic dependence of taste memory formation: Evidence of two distinct processes. Neurobiology of Learning and Memory, 2003, 80, 323-331. | 1.0 | 63 |
| 10 | Medial temporal lobe structures participate differentially in consolidation of safe and aversive taste memories. European Journal of Neuroscience, 2008, 28, 1377-1381. | 1.2 | 63 |
| 11 | Impaired <scp>AMPA</scp> signaling and cytoskeletal alterations induce early synaptic dysfunction in a mouse model of Alzheimer's disease. Aging Cell, 2018, 17, e12791. | 3.0 | 58 |
| 12 | Generation of a humanized Aî² expressing mouse demonstrating aspects of Alzheimerâ€™s disease-like pathology. Nature Communications, 2021, 12, 2421. | 5.8 | 53 |
| 13 | Taste aversion memory reconsolidation is independent of its retrieval. Neurobiology of Learning and Memory, 2012, 98, 215-219. | 1.0 | 50 |
| 14 | Consolidation and reconsolidation of object recognition memory. Behavioural Brain Research, 2015, 285, 213-222. | 1.2 | 47 |
| 15 | Retrieval and reconsolidation of object recognition memory are independent processes in the perirhinal cortex. Neuroscience, 2013, 253, 398-405. | 1.1 | 45 |
| 16 | Simultaneous but not independent anisomycin infusions in insular cortex and amygdala hinder stabilization of taste memory when updated. Learning and Memory, 2009, 16, 514-519. | 0.5 | 43 |
| 17 | miRâ€181a negatively modulates synaptic plasticity in hippocampal cultures and its inhibition rescues memory deficits in a mouse model of Alzheimerâ€™s disease. Aging Cell, 2020, 19, e13118. | 3.0 | 42 |
| 18 | Genetic Ablation of Tau Mitigates Cognitive Impairment Induced by Type 1 Diabetes. American Journal of Pathology, 2014, 184, 819-826. | 1.9 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Long-term aversive taste memory requires insular and amygdala protein degradation. Neurobiology of Learning and Memory, 2011, 95, 311-315. | 1.0 | 39 |
| 20 | Neuronal-Specific Overexpression of a Mutant Valosin-Containing Protein Associated with IBMPFD Promotes Aberrant Ubiquitin and TDP-43 Accumulation and Cognitive Dysfunction in Transgenic Mice. American Journal of Pathology, 2013, 183, 504-515. | 1.9 | 35 |
| 21 | Repeated cognitive stimulation alleviates memory impairments in an Alzheimerâ€™s disease mouse model. Brain Research Bulletin, 2015, 117, 10-15. | 1.4 | 33 |
| 22 | Differential participation of temporal structures in the consolidation and reconsolidation of taste aversion extinction. European Journal of Neuroscience, 2010, 32, 1018-1023. | 1.2 | 32 |
| 23 | Perirhinal Cortex Muscarinic Receptor Blockade Impairs Taste Recognition Memory Formation. Learning and Memory, 2004, 11, 95-101. | 0.5 | 29 |
| 24 | Determinants to trigger memory reconsolidation: The role of retrieval and updating information. Neurobiology of Learning and Memory, 2017, 142, 4-12. | 1.0 | 26 |
| 25 | Retrieval is not necessary to trigger reconsolidation of object recognition memory in the perirhinal cortex. Learning and Memory, 2014, 21, 452-456. | 0.5 | 25 |
| 26 | Muscarinic receptors activity in the perirhinal cortex and hippocampus has differential involvement in the formation of recognition memory. Neurobiology of Learning and Memory, 2012, 97, 418-424. | 1.0 | 24 |
| 27 | Inhibition of hematopoietic cell kinase dysregulates microglial function and accelerates early stage Alzheimer's diseaseâ€like neuropathology. Glia, 2018, 66, 2700-2718. | 2.5 | 24 |
| 28 | Amyloid-beta impairs TOM1-mediated IL-1R1 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21198-21206. | 3.3 | 24 |
| 29 | Copper-Induced Upregulation of MicroRNAs Directs the Suppression of Endothelial LRP1 in Alzheimerâ€™s Disease Model. Toxicological Sciences, 2019, 170, 144-156. | 1.4 | 23 |
| 30 | The Myoblast C2C12 Transfected with Mutant Valosin-Containing Protein Exhibits Delayed Stress Granule Resolution on Oxidative Stress. American Journal of Pathology, 2016, 186, 1623-1634. | 1.9 | 21 |
| 31 | Endogenous murine tau promotes neurofibrillary tangles in 3xTg-AD mice without affecting cognition. Neurobiology of Disease, 2014, 62, 407-415. | 2.1 | 19 |
| 32 | Inflammatory Cytokine, IL-1Î², Regulates Glial Glutamate Transporter via microRNA-181a in vitro. Journal of Alzheimer's Disease, 2018, 63, 965-975. | 1.2 | 16 |
| 33 | Genetic Ablation of Hematopoietic Cell Kinase Accelerates Alzheimerâ€™s Diseaseâ€“Like Neuropathology in Tg2576 Mice. Molecular Neurobiology, 2020, 57, 2447-2460. | 1.9 | 15 |
| 34 | Chronic copper exposure directs microglia towards degenerative expression signatures in wild-type and J20 mouse model of Alzheimerâ€™s disease. Journal of Trace Elements in Medicine and Biology, 2020, 62, 126578. | 1.5 | 13 |
| 35 | Intra- and extracellular Î²-amyloid overexpression via adeno-associated virus-mediated gene transfer impairs memory and synaptic plasticity in the hippocampus. Scientific Reports, 2019, 9, 15936. | 1.6 | 12 |
| 36 | Calsyntenin-3 interacts with the sodium-dependent vitamin C transporter-2 to regulate vitamin C uptake. International Journal of Biological Macromolecules, 2021, 192, 1178-1184. | 3.6 | 5 |

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|---|---|---|---|
| 37 | Inflammatory Cytokine IL-1Î² Downregulates Endothelial LRP1 via MicroRNA-mediated Gene Silencing. Neuroscience, 2021, 453, 69-80. | 1.1 | 4 |
| 38 | P1â€236: AÎ² OLIGOMERS IMPAIR PLASTICITY BY DYSREGULATING MIRâ€181A IN PRIMARY HIPPOCAMPAL CULTURES. Alzheimer's and Dementia, 2018, 14, P368. | 0.4 | 0 |