# Diego Ruano

List of Publications by Year
in descending order



| 47 | 7,318 | 218677<br>26 | 214800<br>47 |
|---|---|---|---|
| papers | citations | h-index | g-index |
| 48 | 48 | 48 | 16597 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Proteostasis Dysfunction in Aged Mammalian Cells. The Stressful Role of Inflammation. Frontiers in Molecular Biosciences, 2021, 8, 658742. | 3.5 | 16 |
| 2 | Autophagic receptor p62 protects against glycationâ€derived toxicity and enhances viability. Aging Cell, 2020, 19, e13257. | 6.7 | 27 |
| 3 | SIRT1 activation with neuroheal is neuroprotective but SIRT2 inhibition with AK7 is detrimental for disconnected motoneurons. Cell Death and Disease, 2018, 9, 531. | 6.3 | 26 |
| 4 | Neuroinflammation alters cellular proteostasis by producing endoplasmic reticulum stress, autophagy activation and disrupting ERAD activation. Scientific Reports, 2017, 7, 8100. | 3.3 | 21 |
| 5 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 6 | Breast cancer cell line MCF7 escapes from G1/S arrest induced by proteasome inhibition through a GSK-3Î² dependent mechanism. Scientific Reports, 2015, 5, 10027. | 3.3 | 19 |
| 7 | Age-related dysfunctions of the autophagy lysosomal pathway in hippocampal pyramidal neurons under proteasome stress. Neurobiology of Aging, 2015, 36, 1953-1963. | 3.1 | 30 |
| 8 | Learning improvement after PI3K activation correlates with de novo formation of functional small spines. Frontiers in Molecular Neuroscience, 2014, 6, 54. | 2.9 | 26 |
| 9 | Anti-inflammatory Activity of a Honey Flavonoid Extract on Lipopolysaccharide-Activated N13 Microglial Cells. Journal of Agricultural and Food Chemistry, 2012, 60, 12304-12311. | 5.2 | 90 |
| 10 | Centrosomal aggregates and Golgi fragmentation disrupt vesicular trafficking of DAT. Neurobiology of Aging, 2012, 33, 2462-2477. | 3.1 | 11 |
| 11 | Lipopolysaccharide-induced neuroinflammation leads to the accumulation of ubiquitinated proteins and increases susceptibility to neurodegeneration induced by proteasome inhibition in rat hippocampus. Journal of Neuroinflammation, 2012, 9, 87. | 7.2 | 54 |
| 12 | Ageâ€related differences in the dynamics of hippocampal proteasome recovery. Journal of Neurochemistry, 2012, 123, 635-644. | 3.9 | 6 |
| 13 | Abnormal accumulation of autophagic vesicles correlates with axonal and synaptic pathology in young Alzheimerâ€™s mice hippocampus. Acta Neuropathologica, 2012, 123, 53-70. | 7.7 | 179 |
| 14 | Regional difference in inflammatory response to LPS-injection in the brain: Role of microglia cell density. Journal of Neuroimmunology, 2011, 238, 44-51. | 2.3 | 24 |
| 15 | Age-dependent Accumulation of Soluble Amyloid Î² (AÎ²) Oligomers Reverses the Neuroprotective Effect of Soluble Amyloid Precursor Protein-Î± (sAPPÎ±) by Modulating Phosphatidylinositol 3-Kinase (PI3K)/Akt-GSK-3Î² Pathway in Alzheimer Mouse Model. Journal of Biological Chemistry, 2011, 286, 18414-18425. | 3.4 | 164 |
| 16 | Calretinin Interneurons are Early Targets of Extracellular Amyloid-Î² Pathology in PS1/AÎ²PP Alzheimer Mice Hippocampus. Journal of Alzheimer's Disease, 2010, 21, 119-132. | 2.6 | 81 |
| 17 | Age and meloxicam attenuate the ischemia/reperfusion-induced down-regulation in the NMDA receptor genes. Neurochemistry International, 2010, 56, 878-885. | 3.8 | 18 |
| 18 | Ageâ€related increase in the immunoproteasome content in rat hippocampus: molecular and functional aspects. Journal of Neurochemistry, 2009, 108, 260-272. | 3.9 | 58 |

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|---|---|---|---|
| 19 | Dysfunction of the unfolded protein response increases neurodegeneration in aged rat hippocampus following proteasome inhibition. Aging Cell, 2009, 8, 654-665. | 6.7 | 50 |
| 20 | Extracellular Amyloid-Î² and Cytotoxic Glial Activation Induce Significant Entorhinal Neuron Loss in Young PS1M146L/APP751SL Mice. Journal of Alzheimer's Disease, 2009, 18, 755-776. | 2.6 | 40 |
| 21 | Prevalence between different Î±â€Šsubunits performing the benzodiazepine binding sites in native heterologous GABAA receptors containing the Î±2 subunit. Journal of Neurochemistry, 2008, 79, 183-191. | 3.9 | 21 |
| 22 | Distribution of NADPH-diaphorase and nitric oxide synthase reactivity in the central nervous system of the goldfish (Carassius auratus). Journal of Chemical Neuroanatomy, 2008, 35, 12-32. | 2.1 | 21 |
| 23 | Inflammatory Response in the Hippocampus of PS1<sub>M146L</sub>/APP<sub>751SL</sub>Mouse Model of Alzheimer's Disease: Age-Dependent Switch in the Microglial Phenotype from Alternative to Classic. Journal of Neuroscience, 2008, 28, 11650-11661. | 3.6 | 340 |
| 24 | Inter-individual variability in the expression of the mutated form of hPS1M146L determined the production of AÎ² peptides in the PS1xAPP transgenic mice. Journal of Neuroscience Research, 2007, 85, 787-797. | 2.9 | 9 |
| 25 | Molecular and cellular characterization of the ageâ€related neuroinflammatory processes occurring in normal rat hippocampus: potential relation with the loss of somatostatin GABAergic neurons. Journal of Neurochemistry, 2007, 103, 984-996. | 3.9 | 67 |
| 26 | Cellular environment facilitates protein accumulation in aged rat hippocampus. Neurobiology of Aging, 2006, 27, 973-982. | 3.1 | 179 |
| 27 | Early neuropathology of somatostatin/NPY GABAergic cells in the hippocampus of a PS1Ã—APP transgenic model of Alzheimer's disease. Neurobiology of Aging, 2006, 27, 1658-1672. | 3.1 | 175 |
| 28 | Nucleus-Specific Abnormalities of GABAergic Synaptic Transmission in a Genetic Model of Absence Seizures. Journal of Neurophysiology, 2006, 96, 3074-3081. | 1.8 | 72 |
| 29 | Postnatal development of the Î±1 containing GABAA receptor subunit in rat hippocampus. Developmental Brain Research, 2004, 148, 129-141. | 1.7 | 27 |
| 30 | Expression of Î±5 GABAA receptor subunit in developing rat hippocampus. Developmental Brain Research, 2004, 151, 87-98. | 1.7 | 31 |
| 31 | Rat hippocampal GABAergic molecular markers are differentially affected by ageing. Journal of Neurochemistry, 2003, 85, 368-377. | 3.9 | 86 |
| 32 | Rapid PCR-mediated synthesis of competitor molecules for accurate quantification of Î²2 GABAA receptor subunit mRNA. Brain Research Protocols, 2001, 8, 184-190. | 1.6 | 9 |
| 33 | Subunit composition of rat ventral spinal cord GABAA receptors, assessed by single cell RT-multiplex PCR. NeuroReport, 2000, 11, 3169-3173. | 1.2 | 9 |
| 34 | GABAA and Î±-Amino-3-hydroxy-5-methylsoxazole-4-propionate Receptors Are Differentially Affected by Aging in the Rat Hippocampus. Journal of Biological Chemistry, 2000, 275, 19585-19593. | 3.4 | 33 |
| 35 | Pharmacological properties of the GABAA receptor complex from brain regions of (hypoemotional) Roman high- and (hyperemotional) low-avoidance rats. European Journal of Pharmacology, 1998, 354, 91-97. | 3.5 | 15 |
| 36 | Absence of association between Î´ and Î³2 subunits in native GABAA receptors from rat brain. European Journal of Pharmacology, 1998, 347, 347-353. | 3.5 | 46 |

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|---|---|---|---|
| 37 | GABAA receptor subunit expression changes in the rat cerebellum and cerebral cortex during aging. Molecular Brain Research, 1997, 45, 59-70. | 2.3 | 49 |
| 38 | Expression of GABAAReceptor Subunit mRNAs by Layer V Pyramidal Cells of the Rat Primary Visual Cortex. European Journal of Neuroscience, 1997, 9, 857-862. | 2.6 | 24 |
| 39 | Age-related modifications on the GABAA receptor binding properties from Wistar rat prefrontal cortex. Brain Research, 1996, 738, 103-108. | 2.2 | 18 |
| 40 | Molecular and Pharmacological Characterization of Native Cortical Î³-Aminobutyric AcidA Receptors Containing Both Î±1 and Î±3 Subunits. Journal of Biological Chemistry, 1996, 271, 27902-27911. | 3.4 | 51 |
| 41 | Kainate receptor subunits expressed in single cultured hippocampal neurons: Molecular and functional variants by RNA editing. Neuron, 1995, 14, 1009-1017. | 8.1 | 138 |
| 42 | Agingâ€Associated Changes in the Pharmacological Properties of the Benzodiazepine (Ï‰) Receptor Isotypes in the Rat Hippocampus. Journal of Neurochemistry, 1995, 64, 867-873. | 3.9 | 29 |
| 43 | Molecular heterogeneity of the type I GABAA/benzodiazepine receptor complex. European Journal of Pharmacology, 1994, 267, 123-128. | 2.6 | 22 |
| 44 | Molecular characterization of Type I GABAA receptor complex from rat cerebral cortex and hippocampus. Molecular Brain Research, 1994, 25, 225-233. | 2.3 | 28 |
| 45 | Absence of modifications of the pharmacological properties of the GABAA receptor complex during aging, as assessed in 3- and 24-month-old rat cerebral cortex. European Journal of Pharmacology, 1993, 246, 81-87. | 2.6 | 19 |
| 46 | Comparative autoradiographic distribution of central Ï‰ (benzodiazepine) modulatory site subtypes with high, intermediate and low affinity for zolpidem and alpidem. Brain Research, 1993, 604, 240-250. | 2.2 | 92 |
| 47 | Heterogeneity in the Allosteric Interaction Between the ?-Aminobutyric Acid (GABA) Binding Site and Three Different Benzodiazepine Binding Sites of the GABAA/Benzodiazepine Receptor Complex in the Rat Nervous System. Journal of Neurochemistry, 1992, 58, 485-493. | 3.9 | 67 |