

Maria Inmaculada Gonzalez-Gonzalez

List of Publications by Year in descending order

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14
papers

571
citations

840776

11
h-index

1058476

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g-index

14
all docs

14
docs citations

14
times ranked

884
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | SUMOylation and phosphorylation of GluK2 regulate kainate receptor trafficking and synaptic plasticity. <i>Nature Neuroscience</i> , 2012, 15, 845-852. | 14.8 | 93 |
| 2 | Protein Kinase C (PKC)-promoted Endocytosis of Glutamate Transporter GLT-1 Requires Ubiquitin Ligase Nedd4-2-dependent Ubiquitination but Not Phosphorylation. <i>Journal of Biological Chemistry</i> , 2012, 287, 19177-19187. | 3.4 | 81 |
| 3 | Amino acid transporter SNAT5 localizes to glial cells in the rat brain. <i>Glia</i> , 2005, 49, 230-244. | 4.9 | 73 |
| 4 | PKC-dependent endocytosis of the GLT1 glutamate transporter depends on ubiquitylation of lysines located in a C-terminal cluster. <i>Glia</i> , 2008, 56, 963-974. | 4.9 | 65 |
| 5 | The scaffolding protein PSD-95 interacts with the glycine transporter GLYT1 and impairs its internalization. <i>Journal of Neurochemistry</i> , 2005, 95, 1047-1058. | 3.9 | 49 |
| 6 | Metabotropic action of postsynaptic kainate receptors triggers hippocampal long-term potentiation. <i>Nature Neuroscience</i> , 2017, 20, 529-539. | 14.8 | 48 |
| 7 | Cholesterol modulates presynaptic and postsynaptic properties of excitatory synaptic transmission. <i>Scientific Reports</i> , 2020, 10, 12651. | 3.3 | 38 |
| 8 | The glutamate transporter GLT1b interacts with the scaffold protein PSD-95. <i>Journal of Neurochemistry</i> , 2008, 105, 1834-1848. | 3.9 | 36 |
| 9 | Measuring Membrane Protein Dynamics in Neurons Using Fluorescence Recovery after Photobleach. <i>Methods in Enzymology</i> , 2012, 504, 127-146. | 1.0 | 21 |
| 10 | Postsynaptic Kainate Receptor Recycling and Surface Expression Are Regulated by Metabotropic Autoreceptor Signalling. <i>Traffic</i> , 2013, 14, 810-822. | 2.7 | 21 |
| 11 | Splice variants of the glutamate transporter GLT1 form heterooligomers that interact with PSD-95 and NMDA receptors. <i>Journal of Neurochemistry</i> , 2009, 110, 264-274. | 3.9 | 20 |
| 12 | Kainate receptor trafficking. <i>Environmental Sciences Europe</i> , 2012, 1, 31-44. | 5.5 | 13 |
| 13 | Lateral Diffusion and Exocytosis of Membrane Proteins in Cultured Neurons Assessed using Fluorescence Recovery and Fluorescence-loss Photobleaching. <i>Journal of Visualized Experiments</i> , 2012, , . | 0.3 | 12 |
| 14 | Editorial: Ionotropic Glutamate Receptors Trafficking in Health and Disease. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 242. | 3.7 | 1 |