

Stephane Martin

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.

39
papers

1,847
citations

23
h-index

42
g-index

43
ext. papers

2,117
ext. citations

8.9
avg, IF

4.59
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 39 | Proteomic Identification of an Endogenous Synaptic SUMOylome in the Developing Rat Brain. <i>Frontiers in Molecular Neuroscience</i> , 2021 , 14, 780535 | 6.1 | 2 |
| 38 | Missense mutation of Fmr1 results in impaired AMPAR-mediated plasticity and socio-cognitive deficits in mice. <i>Nature Communications</i> , 2021 , 12, 1557 | 17.4 | 14 |
| 37 | Post-translational modifications of the Fragile X Mental Retardation Protein in neuronal function and dysfunction. <i>Molecular Psychiatry</i> , 2020 , 25, 1688-1703 | 15.1 | 15 |
| 36 | The synaptic balance between sumoylation and desumoylation is maintained by the activation of metabotropic mGlu5 receptors. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 3019-3031 | 10.3 | 12 |
| 35 | Involvement of Phosphodiesterase 2A Activity in the Pathophysiology of Fragile X Syndrome. <i>Cerebral Cortex</i> , 2019 , 29, 3241-3252 | 5.1 | 23 |
| 34 | Sumoylation regulates FMRP-mediated dendritic spine elimination and maturation. <i>Nature Communications</i> , 2018 , 9, 757 | 17.4 | 41 |
| 33 | Ptchd1 deficiency induces excitatory synaptic and cognitive dysfunctions in mouse. <i>Molecular Psychiatry</i> , 2018 , 23, 1356-1367 | 15.1 | 27 |
| 32 | New Insights Into the Role of Ca2 Protein Family in Calcium Flux Deregulation in -KO Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 342 | 6.1 | 15 |
| 31 | Commentary: Analysis of SUMO1-conjugation at synapses. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 345 | 6.1 | 7 |
| 30 | Interactions between N-Ethylmaleimide-sensitive factor and GluA2 contribute to effects of glucocorticoid hormones on AMPA receptor function in the rodent hippocampus. <i>Hippocampus</i> , 2016 , 26, 848-56 | 3.5 | 8 |
| 29 | Sumoylation in Synaptic Function and Dysfunction. <i>Frontiers in Synaptic Neuroscience</i> , 2016 , 8, 9 | 3.5 | 34 |
| 28 | Tracking the activity-dependent diffusion of synaptic proteins using restricted photoconversion of Dendra2. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 367 | 6.1 | 2 |
| 27 | mTOR is essential for corticosteroid effects on hippocampal AMPA receptor function and fear memory. <i>Learning and Memory</i> , 2015 , 22, 577-83 | 2.8 | 18 |
| 26 | In vitro and in vivo regulation of synaptogenesis by the novel antidepressant spadin. <i>British Journal of Pharmacology</i> , 2015 , 172, 2604-17 | 8.6 | 26 |
| 25 | mGlu5 receptors regulate synaptic sumoylation via a transient PKC-dependent diffusional trapping of Ubc9 into spines. <i>Nature Communications</i> , 2014 , 5, 5113 | 17.4 | 18 |
| 24 | Protein sumoylation in brain development, neuronal morphology and spinogenesis. <i>NeuroMolecular Medicine</i> , 2013 , 15, 677-91 | 4.6 | 22 |
| 23 | Activity-dependent regulation of the sumoylation machinery in rat hippocampal neurons. <i>Biology of the Cell</i> , 2013 , 105, 30-45 | 3.5 | 44 |

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| 22 | Developmental regulation and spatiotemporal redistribution of the sumoylation machinery in the rat central nervous system. <i>PLoS ONE</i> , 2012 , 7, e33757 | 3.7 | 36 |
| 21 | Regulation of calcium sensing receptor trafficking by RAMPs. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 744, 39-48 | 3.6 | 9 |
| 20 | Corticosterone alters AMPAR mobility and facilitates bidirectional synaptic plasticity. <i>PLoS ONE</i> , 2009 , 4, e4714 | 3.7 | 100 |
| 19 | Inhibition of Arp2/3-mediated actin polymerization by PICK1 regulates neuronal morphology and AMPA receptor endocytosis. <i>Nature Cell Biology</i> , 2008 , 10, 259-71 | 23.4 | 176 |
| 18 | Regulation of calcium-sensing-receptor trafficking and cell-surface expression by GPCRs and RAMPs. <i>Trends in Pharmacological Sciences</i> , 2008 , 29, 633-9 | 13.2 | 27 |
| 17 | Bidirectional regulation of kainate receptor surface expression in hippocampal neurons. <i>Journal of Biological Chemistry</i> , 2008 , 283, 36435-40 | 5.4 | 33 |
| 16 | Emerging extranuclear roles of protein SUMOylation in neuronal function and dysfunction. <i>Nature Reviews Neuroscience</i> , 2007 , 8, 948-59 | 13.5 | 161 |
| 15 | SUMOylation regulates kainate-receptor-mediated synaptic transmission. <i>Nature</i> , 2007 , 447, 321-5 | 50.4 | 221 |
| 14 | The calcium-sensing receptor changes cell shape via a beta-arrestin-1 ARNO ARF6 ELMO protein network. <i>Journal of Cell Science</i> , 2007 , 120, 2489-97 | 5.3 | 39 |
| 13 | Retaining synaptic AMPARs. <i>Neuron</i> , 2007 , 55, 825-7 | 13.9 | 6 |
| 12 | Internalization-dependent regulation of HT29 cell proliferation by neurotensin. <i>Peptides</i> , 2006 , 27, 2502-7 | 3.7 | 10 |
| 11 | Syntenin is involved in the developmental regulation of neuronal membrane architecture. <i>Molecular and Cellular Neurosciences</i> , 2005 , 28, 737-46 | 4.8 | 42 |
| 10 | Neurotensin and the neurotensin receptor-3 in microglial cells. <i>Journal of Neuroscience Research</i> , 2005 , 81, 322-6 | 4.4 | 30 |
| 9 | Receptor-activity-modifying proteins are required for forward trafficking of the calcium-sensing receptor to the plasma membrane. <i>Journal of Cell Science</i> , 2005 , 118, 4709-20 | 5.3 | 130 |
| 8 | Activity-dependent endocytic sorting of kainate receptors to recycling or degradation pathways. <i>EMBO Journal</i> , 2004 , 23, 4749-59 | 13 | 92 |
| 7 | Internalization and trafficking of neurotensin via NTS3 receptors in HT29 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2004 , 36, 2153-68 | 5.6 | 48 |
| 6 | Involvement of the neurotensin receptor-3 in the neurotensin-induced migration of human microglia. <i>Journal of Neuroscience</i> , 2003 , 23, 1198-205 | 6.6 | 120 |
| 5 | Neurotensin receptor-1 and -3 complex modulates the cellular signaling of neurotensin in the HT29 cell line. <i>Gastroenterology</i> , 2002 , 123, 1135-43 | 13.3 | 114 |

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| 4 | Recycling ability of the mouse and the human neurotensin type 2 receptors depends on a single tyrosine residue. <i>Journal of Cell Science</i> , 2002 , 115, 165-73 | 5.3 | 14 |
| 3 | Pharmacological properties of the mouse neurotensin receptor 3. Maintenance of cell surface receptor during internalization of neurotensin. <i>FEBS Letters</i> , 2001 , 495, 100-5 | 3.8 | 43 |
| 2 | Pivotal role of an aspartate residue in sodium sensitivity and coupling to G proteins of neurotensin receptors. <i>Molecular Pharmacology</i> , 1999 , 55, 210-5 | 4.3 | 61 |
| 1 | Abnormal AMPAR-mediated synaptic plasticity, cognitive and autistic-like behaviors in a missense Fmr1 mutant mouse model of Fragile X syndrome | | 1 |