Gonzalo E YÃ©venes

List of Publications by Year
in descending order

40 papers	1,892 citations	279798 23 h-index	315739 38 g-index
40 all docs	40 docs citations	40 times ranked	1992 citing authors

#	Article	IF	Citations
1	Fast Synaptic Inhibition in Spinal Sensory Processing and Pain Control. Physiological Reviews, 2012, 92, 193-235.	28.8	312
2	Regulation of GABAergic synapse formation and plasticity by GSK3Î²-dependent phosphorylation of gephyrin. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 379-384.	7.1	183
3	Chronic Pain States: Pharmacological Strategies to Restore Diminished Inhibitory Spinal Pain Control. Annual Review of Pharmacology and Toxicology, 2012, 52, 111-133.	9.4	134
4	GABA-A Receptors as Molecular Sites of Ethanol Action. Direct or Indirect Actions?. Current Topics in Medicinal Chemistry, 2002, 2, 869-885.	2.1	99
5	Extracellular Signal-regulated Kinase and Glycogen Synthase Kinase 3Î² Regulate Gephyrin Postsynaptic Aggregation and GABAergic Synaptic Function in a Calpain-dependent Mechanism. Journal of Biological Chemistry, 2013, 288, 9634-9647.	3.4	98
6	Modulation of glycine-activated ion channel function by G-protein Î²Î³ subunits. Nature Neuroscience, 2003, 6, 819-824.	14.8	94
7	Allosteric modulation of glycine receptors. British Journal of Pharmacology, 2011, 164, 224-236.	5.4	89
8	Several posttranslational modifications act in concert to regulate gephyrin scaffolding and GABAergic transmission. Nature Communications, 2016, 7, 13365.	12.8	67
9	A selective GÎ²Î³-linked intracellular mechanism for modulation of a ligand-gated ion channel by ethanol. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20523-20528.	7.1	65
10	Structure and Pharmacologic Modulation of Inhibitory Glycine Receptors. Molecular Pharmacology, 2016, 90, 318-325.	2.3	65
11	Glycine receptors and glycine transporters: targets for novel analgesics?. Cellular and Molecular Life Sciences, 2018, 75, 447-465.	5.4	61
12	Molecular Sites for the Positive Allosteric Modulation of Glycine Receptors by Endocannabinoids. PLoS ONE, 2011, 6, e23886.	2.5	57
13	Molecular Determinants for G Protein Î²Î³ Modulation of Ionotropic Glycine Receptors. Journal of Biological Chemistry, 2006, 281, 39300-39307.	3.4	54
14	Phosphorylation stateâ€“dependent modulation of spinal glycine receptors alleviates inflammatory pain. Journal of Clinical Investigation, 2016, 126, 2547-2560.	8.2	49
15	Molecular Requirements for Ethanol Differential Allosteric Modulation of Glycine Receptors Based on Selective GÎ²Î³ Modulation. Journal of Biological Chemistry, 2010, 285, 30203-30213.	3.4	44
16	Antihyperalgesia by Î±2-GABAA Receptors Occurs Via a Genuine Spinal Action and Does Not Involve Supraspinal Sites. Neuropsychopharmacology, 2014, 39, 477-487.	5.4	43
17	Functional modulation of glycine receptors by the alkaloid gelsemine. British Journal of Pharmacology, 2016, 173, 2263-2277.	5.4	38
18	P2X receptor overexpression induced by soluble oligomers of amyloid beta peptide potentiates synaptic failure and neuronal dyshomeostasis in cellular models of Alzheimer's disease. Neuropharmacology, 2018, 128, 366-378.	4.1	34

#	Article	IF	Citations
19	A Single Phenylalanine Residue in the Main Intracellular Loop of Î±1 Î³-Aminobutyric Acid Type A and Glycine Receptors Influences Their Sensitivity to Propofol. Anesthesiology, 2011, 115, 464-473.	2.5	33
20	Prevention of Synaptic Alterations and Neurotoxic Effects of PAMAM Dendrimers by Surface Functionalization. Nanomaterials, 2018, 8, 7.	4.1	30
21	Cytotoxicity and in vivo plasma kinetic behavior of surface-functionalized PAMAM dendrimers. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2227-2234.	3.3	27
22	Changes in PGCâ€1Î±/SIRT1 Signaling Impact on Mitochondrial Homeostasis in Amyloid-Beta Peptide Toxicity Model. Frontiers in Pharmacology, 2020, 11, 709.	3.5	27
23	Presence of Inhibitory Glycinergic Transmission in Medium Spiny Neurons in the Nucleus Accumbens. Frontiers in Molecular Neuroscience, 2018, 11, 228.	2.9	25
24	Glycine Receptors in Spinal Nociceptive Controlâ€"An Update. Biomolecules, 2021, 11, 846.	4.0	24
25	Glycine Receptors Involved in Synaptic Transmission Are Selectively Regulated by the Cytoskeleton in Mouse Spinal Neurons. Journal of Neurophysiology, 2002, 87, 640-644.	1.8	23
26	Blockade of Ethanol-Induced Potentiation of Glycine Receptors by a Peptide That Interferes with GÎ²Î³ Binding. Journal of Pharmacology and Experimental Therapeutics, 2009, 331, 933-939.	2.5	22
27	Large Intracellular Domain-Dependent Effects of Positive Allosteric Modulators on Glycine Receptors. ACS Chemical Neuroscience, 2019, 10, 2551-2559.	3.5	14
28	Modulation of glycine receptor single-channel conductance by intracellular phosphorylation. Scientific Reports, 2020, 10, 4804.	3.3	14
29	Activated G Protein Î±s Subunits Increase the Ethanol Sensitivity of Human Glycine Receptors. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 386-393.	2.5	10
30	The Basic Property of Lys385 Is Important for Potentiation of the Human Î±1 Glycine Receptor by Ethanol. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 339-349.	2.5	9
31	Glycine Receptor Subtypes and Their Roles in Nociception and Chronic Pain. Frontiers in Molecular Neuroscience, 2022, 15, 848642.	2.9	9
32	17 Oxo Sparteine and Lupanine, Obtained from Cytisus scoparius, Exert a Neuroprotection against Soluble Oligomers of Amyloid-Î² Toxicity by Nicotinic Acetylcholine Receptors. Journal of Alzheimer's Disease, 2019, 67, 343-356.	2.6	8
33	Pentameric Ligand-Gated Ion Channels as Pharmacological Targets Against Chronic Pain. Frontiers in Pharmacology, 2020, 11, 167.	3.5	8
34	Reversal of Ethanol-induced Intoxication by a Novel Modulator of GÎ²Î³ Protein Potentiation of the Glycine Receptor. Journal of Biological Chemistry, 2016, 291, 18791-18798.	3.4	6
35	Altered Glutaminase 1 Activity During Neurulation and Its Potential Implications in Neural Tube Defects. Frontiers in Pharmacology, 2020, 11, 900.	3.5	6
36	Inhibitory Actions of Tropeines on the Î±3 Glycine Receptor Function. Frontiers in Pharmacology, 2019, 10, 331.	3.5	4

#	Article	IF	Citations
37	Contribution of GlyR Î±3 Subunits to the Sensitivity and Effect of Ethanol in the Nucleus Accumbens. Frontiers in Molecular Neuroscience, 2021, 14, 756607.	2.9	4
38	Modulatory Actions of the Glycine Receptor Î² Subunit on the Positive Allosteric Modulation of Ethanol in Î±2 Containing Receptors. Frontiers in Molecular Neuroscience, 2021, 14, 763868.	2.9	3
39	Inhibition of the Glycine Receptor alpha 3 Function by Colchicine. Frontiers in Pharmacology, 2020, 11, 1143.	3.5	0
40	Editorial: Celebrating 40 Years of the Chilean Society of Pharmacology. Frontiers in Pharmacology, 2020, 11, 623195.	3.5	0