Cecilia M Borghese

List of Publications by Citations

36 papers	990 citations	20 h-index	31 g-index
37 ext. papers	1,084 ext. citations	5.1 avg, IF	3.52 L-index

#	Paper	IF	Citations
36	The delta subunit of gamma-aminobutyric acid type A receptors does not confer sensitivity to low concentrations of ethanol. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 316, 1360-8	4.7	141
35	Inhaled drugs of abuse enhance serotonin-3 receptor function. *Drug and Alcohol Dependence*, **2003**, 70, 11-5	4.9	69
34	Studies of ethanol actions on recombinant delta-containing gamma-aminobutyric acid type A receptors yield contradictory results. *Alcohol*, **2007**, 41, 155-62	2.7	59
33	An isoflurane- and alcohol-insensitive mutant GABA(A) receptor alpha(1) subunit with near-normal apparent affinity for GABA: characterization in heterologous systems and production of knockin mice. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 319, 208-18	4.7	55
32	Sites of excitatory and inhibitory actions of alcohols on neuronal alpha2beta4 nicotinic acetylcholine receptors. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 307, 42-52	4.7	50
31	Beta3-containing gamma-aminobutyric acidA receptors are not major targets for the amnesic and immobilizing actions of isoflurane. *Anesthesia and Analgesia*, **2005**, 101, 412-418	3.9	47
30	Loss of ethanol conditioned taste aversion and motor stimulation in knockin mice with ethanol-insensitive 2-containing GABA(A) receptors. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 336, 145-54	4.7	44
29	Sites of Excitatory and Inhibitory Actions of Alcohols on Neuronal 24 Nicotinic Acetylcholine Receptors. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 307, 42-52	4.7	44
28	Knockin mice with ethanol-insensitive alpha1-containing gamma-aminobutyric acid type A receptors display selective alterations in behavioral responses to ethanol. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 319, 219-27	4.7	41
27	GABAA receptors containing 1 subunits contribute to in vivo effects of ethanol in mice. *PLoS ONE*, **2014**, 9, e85525	3.7	41
26	Interacting amino acid replacements allow poison frogs to evolve epibatidine resistance. *Science*, **2017**, 357, 1261-1266	33.3	39
25	A transmembrane site determines sensitivity of neuronal nicotinic acetylcholine receptors to general anesthetics. *Journal of Biological Chemistry*, **2000**, 275, 40879-86	5.4	39
24	Inhaled anesthetic responses of recombinant receptors and knockin mice harboring 2(S270H/L277A) GABA(A) receptor subunits that are resistant to isoflurane. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 336, 134-44	4.7	29
23	Effects of acamprosate on neuronal receptors and ion channels expressed in Xenopus oocytes. *Alcoholism: Clinical and Experimental Research*, **2008**, 32, 188-96	3.7	27
22	Characterization of two mutations, M287L and Q266I, in the 1 glycine receptor subunit that modify sensitivity to alcohols. *Journal of Pharmacology and Experimental Therapeutics*, **2012**, 340, 304-16	4.7	24
21	A transmembrane amino acid in the GABAA receptor 2 subunit critical for the actions of alcohols and anesthetics. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 335, 600-6	4.7	23
20	The learning capacity of high or low performance rats is related to the hippocampus NMDA receptors. *Brain Research*, **1992**, 576, 162-4	3.7	23

19	Lack of tolerance to the anxiolytic effect of diazepam and pentobarbital following chronic administration in perinatally undernourished rats. *Brain Research Bulletin*, **1998**, 46, 237-44	3.9	21
18	GABA(A) receptor transmembrane amino acids are critical for alcohol action: disulfide cross-linking and alkyl methanethiosulfonate labeling reveal relative location of binding sites. *Journal of Neurochemistry*, **2014**, 128, 363-75	6	20
17	Acetylcholine and Alcohol Sensitivity of Neuronal Nicotinic Acetylcholine Receptors: Mutations in Transmembrane Domains. *Alcoholism: Clinical and Experimental Research*, **2002**, 26, 1764-1772	3.7	20
16	Phosphatidylserine increases hippocampal synaptic efficacy. *Brain Research Bulletin*, **1993**, 31, 697-700	3.9	20
15	Mutation of the inhibitory ethanol site in GABA 1 receptors promotes tolerance to ethanol-induced motor incoordination. *Neuropharmacology*, **2017**, 123, 201-209	5.5	19
14	Functional validation of virtual screening for novel agents with general anesthetic action at ligand-gated ion channels. *Molecular Pharmacology*, **2013**, 84, 670-8	4.3	16
13	Does Acetaldehyde Mediate Ethanol Action in the Central Nervous System?. *Alcoholism: Clinical and Experimental Research*, **2001**, 25, 1570-1575	3.7	15
12	Identification of an Inhibitory Alcohol Binding Site in GABAA 1 Receptors. *ACS Chemical Neuroscience*, **2016**, 7, 100-8	5.7	12
11	Acetylcholine and alcohol sensitivity of neuronal nicotinic acetylcholine receptors: mutations in transmembrane domains. *Alcoholism: Clinical and Experimental Research*, **2002**, 26, 1764-72	3.7	12
10	Mutations M287L and Q266I in the glycine receptor 1 subunit change sensitivity to volatile anesthetics in oocytes and neurons, but not the minimal alveolar concentration in knockin mice. *Anesthesiology*, **2012**, 117, 765-71	4.3	9
9	Reduced tolerance to certain pharmacological effects of ethanol after chronic administration in perinatally undernourished rats. *Pharmacology Biochemistry and Behavior*, **1997**, 57, 659-63	3.9	9
8	Mutation in neuronal nicotinic acetylcholine receptors expressed in Xenopus oocytes blocks ethanol action. *Addiction Biology*, **2003**, 8, 313-8	4.6	8
7	Novel Molecule Exhibiting Selective Affinity for GABA Receptor Subtypes. *Scientific Reports*, **2017**, 7, 6230	4.9	6
6	The molecular pharmacology of volatile anesthetics. *International Anesthesiology Clinics*, **2015**, 53, 28-39	0.6	3
5	Anesthetic-induced immobility: neuronal nicotinic acetylcholine receptors are no longer in the picture. *Anesthesia and Analgesia*, **2002**, 95, 509-11	3.9	3
4	Apremilast regulates acute effects of ethanol and other GABAergic drugs via protein kinase A-dependent signaling. *Neuropharmacology*, **2020**, 178, 108220	5.5	1
3	Modulation of 132 GABA receptors expressed in oocytes using a propofol photoswitch tethered to the transmembrane helix. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
2	THE ROLE OF N265 OF THE GABAA RECEPTOR 2 SUBUNIT IN THE ACTIONS OF ALCOHOLS AND ANESTHETICS. *Alcoholism: Clinical and Experimental Research*, **2008**, 32, 370A-370A	3.7	

(+)-Catharanthine potentiates the GABA receptor by binding to a transmembrane site at the (+)/(+) interface near the TM2-TM3 loop.. *Biochemical Pharmacology*, **2022**, 114993