

# Cecilia M Borghese

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

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	(+)-Catharanthine potentiates the GABA receptor by binding to a transmembrane site at the $\alpha 1/\beta 1$ interface near the TM2-TM3 loop.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 114993	6	
35	Modulation of $\alpha 1\beta 2$ GABA receptors expressed in oocytes using a propofol photoswitch tethered to the transmembrane helix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	1
34	Apremilast regulates acute effects of ethanol and other GABAergic drugs via protein kinase A-dependent signaling. <i>Neuropharmacology</i> , <b>2020</b> , 178, 108220	5.5	1
33	Mutation of the inhibitory ethanol site in GABA $\alpha 1$ receptors promotes tolerance to ethanol-induced motor incoordination. <i>Neuropharmacology</i> , <b>2017</b> , 123, 201-209	5.5	19
32	Interacting amino acid replacements allow poison frogs to evolve epibatidine resistance. <i>Science</i> , <b>2017</b> , 357, 1261-1266	33.3	39
31	Novel Molecule Exhibiting Selective Affinity for GABA Receptor Subtypes. <i>Scientific Reports</i> , <b>2017</b> , 7, 6230	4.9	6
30	Identification of an Inhibitory Alcohol Binding Site in GABA $\alpha 1$ Receptors. <i>ACS Chemical Neuroscience</i> , <b>2016</b> , 7, 100-8	5.7	12
29	The molecular pharmacology of volatile anesthetics. <i>International Anesthesiology Clinics</i> , <b>2015</b> , 53, 28-39	0.6	3
28	GABA(A) receptor transmembrane amino acids are critical for alcohol action: disulfide cross-linking and alkyl methanethiosulfonate labeling reveal relative location of binding sites. <i>Journal of Neurochemistry</i> , <b>2014</b> , 128, 363-75	6	20
27	GABA $\alpha$ receptors containing $\alpha 1$ subunits contribute to in vivo effects of ethanol in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e85525	3.7	41
26	Functional validation of virtual screening for novel agents with general anesthetic action at ligand-gated ion channels. <i>Molecular Pharmacology</i> , <b>2013</b> , 84, 670-8	4.3	16
25	Characterization of two mutations, M287L and Q266I, in the $\alpha 1$ glycine receptor subunit that modify sensitivity to alcohols. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 340, 304-16	4.7	24
24	Mutations M287L and Q266I in the glycine receptor $\alpha 1$ subunit change sensitivity to volatile anesthetics in oocytes and neurons, but not the minimal alveolar concentration in knockin mice. <i>Anesthesiology</i> , <b>2012</b> , 117, 765-71	4.3	9
23	Inhaled anesthetic responses of recombinant receptors and knockin mice harboring $\alpha 2$ (S270H/L277A) GABA(A) receptor subunits that are resistant to isoflurane. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2011</b> , 336, 134-44	4.7	29
22	Loss of ethanol conditioned taste aversion and motor stimulation in knockin mice with ethanol-insensitive $\alpha 2$ -containing GABA(A) receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2011</b> , 336, 145-54	4.7	44
21	A transmembrane amino acid in the GABA $\alpha$ receptor $\alpha 2$ subunit critical for the actions of alcohols and anesthetics. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 335, 600-6	4.7	23
20	Effects of acamprosate on neuronal receptors and ion channels expressed in <i>Xenopus</i> oocytes. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2008</b> , 32, 188-96	3.7	27

19	THE ROLE OF N265 OF THE GABAA RECEPTOR $\alpha$ SUBUNIT IN THE ACTIONS OF ALCOHOLS AND ANESTHETICS. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2008</b> , 32, 370A-370A	3-7	
18	Studies of ethanol actions on recombinant delta-containing gamma-aminobutyric acid type A receptors yield contradictory results. <i>Alcohol</i> , <b>2007</b> , 41, 155-62	2-7	59
17	Knockin mice with ethanol-insensitive alpha1-containing gamma-aminobutyric acid type A receptors display selective alterations in behavioral responses to ethanol. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 319, 219-27	4-7	41
16	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 319, 208-18	4-7	55
15	The delta subunit of gamma-aminobutyric acid type A receptors does not confer sensitivity to low concentrations of ethanol. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 316, 1360-8	4-7	141
14	Beta3-containing gamma-aminobutyric acidA receptors are not major targets for the amnesic and immobilizing actions of isoflurane. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 101, 412-418	3-9	47
13	Sites of Excitatory and Inhibitory Actions of Alcohols on Neuronal $\alpha$ 4 Nicotinic Acetylcholine Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 307, 42-52	4-7	44
12	Mutation in neuronal nicotinic acetylcholine receptors expressed in <i>Xenopus</i> oocytes blocks ethanol action. <i>Addiction Biology</i> , <b>2003</b> , 8, 313-8	4-6	8
11	Inhaled drugs of abuse enhance serotonin-3 receptor function. <i>Drug and Alcohol Dependence</i> , <b>2003</b> , 70, 11-5	4-9	69
10	Sites of excitatory and inhibitory actions of alcohols on neuronal alpha2beta4 nicotinic acetylcholine receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 307, 42-52	4-7	50
9	Acetylcholine and Alcohol Sensitivity of Neuronal Nicotinic Acetylcholine Receptors: Mutations in Transmembrane Domains. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2002</b> , 26, 1764-1772	3-7	20
8	Anesthetic-induced immobility: neuronal nicotinic acetylcholine receptors are no longer in the picture. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 509-11	3-9	3
7	Acetylcholine and alcohol sensitivity of neuronal nicotinic acetylcholine receptors: mutations in transmembrane domains. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2002</b> , 26, 1764-72	3-7	12
6	Does Acetaldehyde Mediate Ethanol Action in the Central Nervous System?. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2001</b> , 25, 1570-1575	3-7	15
5	A transmembrane site determines sensitivity of neuronal nicotinic acetylcholine receptors to general anesthetics. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 40879-86	5-4	39
4	Lack of tolerance to the anxiolytic effect of diazepam and pentobarbital following chronic administration in perinatally undernourished rats. <i>Brain Research Bulletin</i> , <b>1998</b> , 46, 237-44	3-9	21
3	Reduced tolerance to certain pharmacological effects of ethanol after chronic administration in perinatally undernourished rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>1997</b> , 57, 659-63	3-9	9
2	Phosphatidylserine increases hippocampal synaptic efficacy. <i>Brain Research Bulletin</i> , <b>1993</b> , 31, 697-700	3-9	20

1 The learning capacity of high or low performance rats is related to the hippocampus NMDA receptors. *Brain Research*, **1992**, 576, 162-4

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