Robert A Harris

List of Publications by Citations

276 papers	14,219 citations	60 h-index	105 g-index
286 ext. papers	15,618 ext. citations	5.7 avg, IF	6.42 L-index

#	Paper	IF	Citations
276	Sites of alcohol and volatile anaesthetic action on GABA(A) and glycine receptors. *Nature*, **1997**, 389, 385-9	50.4	1102
275	The anesthetic mechanism of urethane: the effects on neurotransmitter-gated ion channels. *Anesthesia and Analgesia*, **2002**, 94, 313-8, table of contents	3.9	335
274	Gene Expression in Human Alcoholism: Microarray Analysis of Frontal Cortex. *Alcoholism: Clinical and Experimental Research*, **2000**, 24, 1873-1882	3.7	307
273	Toward understanding the genetics of alcohol drinking through transcriptome meta-analysis. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 6368-73	11.5	298
272	Gene coexpression networks in human brain identify epigenetic modifications in alcohol dependence. *Journal of Neuroscience*, **2012**, 32, 1884-97	6.6	294
271	Nicotine addiction and comorbidity with alcohol abuse and mental illness. *Nature Neuroscience*, **2005**, 8, 1465-70	25.5	291
270	Patterns of gene expression are altered in the frontal and motor cortices of human alcoholics. *Journal of Neurochemistry*, **2002**, 81, 802-13	6	265
269	The Anesthetic Mechanism of Urethane: The Effects on Neurotransmitter-Gated Ion Channels. *Anesthesia and Analgesia*, **2002**, 94, 313-318	3.9	235
268	Anesthetics and ion channels: molecular models and sites of action. *Annual Review of Pharmacology and Toxicology*, **2001**, 41, 23-51	17.9	215
267	Inhaled anesthetics and immobility: mechanisms, mysteries, and minimum alveolar anesthetic concentration. *Anesthesia and Analgesia*, **2003**, 97, 718-740	3.9	213
266	G-protein-coupled inwardly rectifying potassium channels are targets of alcohol action. *Nature Neuroscience*, **1999**, 2, 1084-90	25.5	203
265	Patterns of gene expression in the frontal cortex discriminate alcoholic from nonalcoholic individuals. *Neuropsychopharmacology*, **2006**, 31, 1574-82	8.7	201
264	Neuroimmune regulation of alcohol consumption: behavioral validation of genes obtained from genomic studies. *Addiction Biology*, **2012**, 17, 108-20	4.6	187
263	Ethanol's molecular targets. *Science Signaling*, **2008**, 1, re7	8.8	183
262	Alcohol-related genes: contributions from studies with genetically engineered mice. *Addiction Biology*, **2006**, 11, 195-269	4.6	180
261	Actions of anesthetics on ligand-gated ion channels: role of receptor subunit composition. *FASEB Journal*, **1995**, 9, 1454-62	0.9	174
260	Enhancement of homomeric glycine receptor function by long-chain alcohols and anaesthetics. *British Journal of Pharmacology*, **1996**, 119, 1331-6	8.6	161

259	Gamma-aminobutyric acid type A receptors and alcoholism: intoxication, dependence, vulnerability, and treatment. *Archives of General Psychiatry*, **2006**, 63, 957-68		156
258	Up-regulation of microRNAs in brain of human alcoholics. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 1928-37	3.7	147
257	Preclinical studies of alcohol binge drinking. *Annals of the New York Academy of Sciences*, **2011**, 1216, 24-40	6.5	143
256	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
255	Neuroimmune signaling: a key component of alcohol abuse. *Current Opinion in Neurobiology*, **2013**, 23, 513-20	7.6	140
254	Hypothesis. *Anesthesia and Analgesia*, **1997**, 84, 915-918	3.9	138
253	GABA(A) receptors and alcohol. *Pharmacology Biochemistry and Behavior*, **2008**, 90, 90-4	3.9	134
252	Ethanol Actions on Multiple Ion Channels: Which Are Important?. *Alcoholism: Clinical and Experimental Research*, **1999**, 23, 1563-1570	3.7	132
251	Localization of PPAR isotypes in the adult mouse and human brain. *Scientific Reports*, **2016**, 6, 27618	4.9	129
250	gamma-Aminobutyric acid A receptor subunit mutant mice: new perspectives on alcohol actions. *Biochemical Pharmacology*, **2004**, 68, 1581-602	6	127
249	Structural basis for potentiation by alcohols and anaesthetics in a ligand-gated ion channel. *Nature Communications*, **2013**, 4, 1697	17.4	116
248	Perturbation of chemokine networks by gene deletion alters the reinforcing actions of ethanol. *Behavioural Brain Research*, **2005**, 165, 110-25	3.4	116
247	Enhancement of glycine receptor function by ethanol is inversely correlated with molecular volume at position alpha267. *Journal of Biological Chemistry*, **1998**, 273, 3314-9	5.4	116
246	Gene expression profiling of individual cases reveals consistent transcriptional changes in alcoholic human brain. *Journal of Neurochemistry*, **2004**, 90, 1050-8	6	109
245	Aminophospholipid asymmetry in murine synaptosomal plasma membrane. *Journal of Neurochemistry*, **1980**, 34, 269-77	6	109
244	Effects of ethanol and anesthetics on type 1 and 5 metabotropic glutamate receptors expressed in Xenopus laevis oocytes. *Molecular Pharmacology*, **1998**, 53, 148-56	4.3	108
243	Role of endocannabinoids in alcohol consumption and intoxication: studies of mice lacking fatty acid amide hydrolase. *Neuropsychopharmacology*, **2007**, 32, 1570-82	8.7	107
242	Alcohol intoxication: ion channels and genetics. *FASEB Journal*, **1989**, 3, 1689-95	0.9	105

241	Deletion of the alpha1 or beta2 subunit of GABAA receptors reduces actions of alcohol and other drugs. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 304, 30-6	4.7	102
240	Chronic ethanol treatment alters brain levels of gamma-aminobutyric acidA receptor subunit mRNAs: relationship to genetic differences in ethanol withdrawal seizure severity. *Journal of Neurochemistry*, **1991**, 57, 1452-5	6	101
239	Neuroimmune mechanisms of alcohol and drug addiction. *International Review of Neurobiology*, **2014**, 118, 1-12	4.4	94
238	Metabotropic glutamate receptor 5 (mGluR5) regulation of ethanol sedation, dependence and consumption: relationship to acamprosate actions. *International Journal of Neuropsychopharmacology*, **2008**, 11, 775-93	5.8	93
237	Ethanol increases GABAA responses in cells stably transfected with receptor subunits. *Alcoholism: Clinical and Experimental Research*, **1995**, 19, 226-32	3.7	93
236	Positively correlated miRNA-mRNA regulatory networks in mouse frontal cortex during early stages of alcohol dependence. *BMC Genomics*, **2013**, 14, 725	4.5	92
235	Structural basis for alcohol modulation of a pentameric ligand-gated ion channel. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 12149-54	11.5	92
234	Discrete changes in brain calcium with morphine analgesia, tolerance-dependence, and abstinence. *Life Sciences*, **1977**, 20, 501-5	6.8	91
233	Amygdala transcriptome and cellular mechanisms underlying stress-enhanced fear learning in a rat model of posttraumatic stress disorder. *Neuropsychopharmacology*, **2010**, 35, 1402-11	8.7	83
232	Molecular profiles of drinking alcohol to intoxication in C57BL/6J mice. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 659-70	3.7	80
231	Membrane disordering by anesthetic drugs: relationship to synaptosomal sodium and calcium fluxes. *Journal of Neurochemistry*, **1985**, 44, 1274-81	6	80
230	Effects of anesthetics on mutant N-methyl-D-aspartate receptors expressed in Xenopus oocytes. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 318, 434-43	4.7	77
229	Anaesthetic concentrations of alcohols potentiate GABAA receptor-mediated currents: lack of subunit specificity. *European Journal of Pharmacology*, **1994**, 268, 209-14		74
228	Neuroimmune pathways in alcohol consumption: evidence from behavioral and genetic studies in rodents and humans. *International Review of Neurobiology*, **2014**, 118, 13-39	4.4	71
227	Peroxisome proliferator-activated receptors □and □are linked with alcohol consumption in mice and withdrawal and dependence in humans. *Alcoholism: Clinical and Experimental Research*, **2015**, 39, 136-45	3.7	69
226	Neuroadaptations in human chronic alcoholics: dysregulation of the NF-kappaB system. *PLoS ONE*, **2007**, 2, e930	3.7	67
225	Reduced alcohol consumption in mice lacking preprodynorphin. *Alcohol*, **2006**, 40, 73-86	2.7	67
224	PPAR agonists regulate brain gene expression: relationship to their effects on ethanol consumption. *Neuropharmacology*, **2014**, 86, 397-407	5.5	66

223	Chronic ethanol increases liver plasma membrane fluidity. *Biochemistry*, **1985**, 24, 3114-20	3.2	66
222	Gene expression in brain and liver produced by three different regimens of alcohol consumption in mice: comparison with immune activation. *PLoS ONE*, **2013**, 8, e59870	3.7	66
221	Alcohol dependence: molecular and behavioral evidence. *Trends in Pharmacological Sciences*, **2014**, 35, 317-23	13.2	64
220	Effects of alcohols and anesthetics on recombinant voltage-gated Na+ channels. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 309, 987-94	4.7	64
219	Ethanol, flunitrazepam, and pentobarbital modulation of GABAA receptors expressed in mammalian cells and Xenopus oocytes. *Alcoholism: Clinical and Experimental Research*, **1997**, 21, 444-51	3.7	61
218	Effect of isoflurane and other potent inhaled anesthetics on minimum alveolar concentration, learning, and the righting reflex in mice engineered to express alpha1 gamma-aminobutyric acid type A receptors unresponsive to isoflurane. *Anesthesiology*, **2007**, 106, 107-13	4.3	60
217	Tryptophan scanning mutagenesis in TM2 of the GABA(A) receptor alpha subunit: effects on channel gating and regulation by ethanol. *British Journal of Pharmacology*, **2000**, 131, 296-302	8.6	60
216	GIRK2 deficient mice. Evidence for hyperactivity and reduced anxiety. *Physiology and Behavior*, **2001**, 74, 109-17	3.5	60
215	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
214	Chronic ethanol exposure produces time- and brain region-dependent changes in gene coexpression networks. *PLoS ONE*, **2015**, 10, e0121522	3.7	58
213	Genetic and Pharmacologic Manipulation of TLR4 Has Minimal Impact on Ethanol Consumption in Rodents. *Journal of Neuroscience*, **2017**, 37, 1139-1155	6.6	56
212	Glycine receptors mediate part of the immobility produced by inhaled anesthetics. *Anesthesia and Analgesia*, **2003**, 96, 97-101, table of contents	3.9	56
211	Subunit mutations affect ethanol actions on GABA(A) receptors expressed in Xenopus oocytes. *British Journal of Pharmacology*, **1999**, 127, 377-82	8.6	56
210	Neuroadaptive responses to chronic ethanol. *Alcoholism: Clinical and Experimental Research*, **1991**, 15, 460-70	3.7	56
209	Altered gene expression profiles in the frontal cortex of cirrhotic alcoholics. *Alcoholism: Clinical and Experimental Research*, **2007**, 31, 1460-6	3.7	55
208	The application of proteomics to the human alcoholic brain. *Annals of the New York Academy of Sciences*, **2004**, 1025, 14-26	6.5	55
207	Transcriptional signatures of cellular plasticity in mice lacking the alpha1 subunit of GABAA receptors. *Journal of Neuroscience*, **2006**, 26, 5673-83	6.6	53
206	Amino acid volume and hydropathy of a transmembrane site determine glycine and anesthetic sensitivity of glycine receptors. *Journal of Biological Chemistry*, **1999**, 274, 23006-12	5.4	51

205	Cyclic AMP-dependent protein kinase decreases gamma-aminobutyric acidA receptor-mediated 36Cl- uptake by brain microsacs. *Journal of Neurochemistry*, **1991**, 57, 722-5	6	50
204	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
203	Involvement of neuronal chloride channels in ethanol intoxication, tolerance, and dependence. *Recent Developments in Alcoholism: an Official Publication of the American Medical Society on Alcoholism, and the Research Society on Alcoholism, and the National Council on Alcoholism*, **1987**, 5, 313-25		50
202	Application of DNA microarrays to study human alcoholism. *Journal of Biomedical Science*, **2001**, 8, 28-36	13.3	49
201	Activation of calcium-phospholipid-dependent protein kinase enhances benzodiazepine and barbiturate potentiation of the GABAA receptor. *Journal of Neurochemistry*, **1993**, 60, 1972-5	6	49
200	Channel gating of the glycine receptor changes accessibility to residues implicated in receptor potentiation by alcohols and anesthetics. *Journal of Biological Chemistry*, **2004**, 279, 33919-27	5.4	48
199	Seeking structural specificity: direct modulation of pentameric ligand-gated ion channels by alcohols and general anesthetics. *Pharmacological Reviews*, **2014**, 66, 396-412	22.5	47
198	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
197	Alcohol's effects on brain and behavior. *Alcohol Research*, **2010**, 33, 127-43		47
196	Inhibition of phosphodiesterase 4 reduces ethanol intake and preference in C57BL/6J mice. *Frontiers in Neuroscience*, **2014**, 8, 129	5.1	45
195	Glycine receptor knock-in mice and hyperekplexia-like phenotypes: comparisons with the null mutant. *Journal of Neuroscience*, **2003**, 23, 8051-9	6.6	45
194	Effects of ethanol on membrane order: fluorescence studies. *Annals of the New York Academy of Sciences*, **1987**, 492, 125-35	6.5	45
193	Ethanol Consumption in Mice Lacking CD14, TLR2, TLR4, or MyD88. *Alcoholism: Clinical and Experimental Research*, **2017**, 41, 516-530	3.7	44
192	Molecular basis of alcoholism. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2014**, 125, 89-111	3	44
191	Sites of Excitatory and Inhibitory Actions of Alcohols on Neuronal 22 Nicotinic Acetylcholine Receptors. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 307, 42-52	4.7	44
190	Gamma-aminobutyric acidA receptors do not mediate the immobility produced by isoflurane. *Anesthesia and Analgesia*, **2004**, 99, 85-90	3.9	44
189	Benzodiazepine treatment causes uncoupling of recombinant GABAA receptors expressed in stably transfected cells. *Journal of Neurochemistry*, **1994**, 63, 2349-52	6	43
188	Minimum Alveolar Anesthetic Concentration of Fluorinated Alkanols in Rats. *Anesthesia and Analgesia*, **1999**, 88, 867-876	3.9	43

187	Sites of volatile anesthetic action on kainate (Glutamate receptor 6) receptors. *Journal of Biological Chemistry*, **1998**, 273, 8248-55	5.4	42
186	Epigenetic modulation of brain gene networks for cocaine and alcohol abuse. *Frontiers in Neuroscience*, **2015**, 9, 176	5.1	41
185	delta-Subunit containing GABAA receptor knockout mice are less sensitive to the actions of 4,5,6,7-tetrahydroisoxazolo-[5,4-c]pyridin-3-ol. *European Journal of Pharmacology*, **2006**, 541, 158-62	5.3	41
184	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
183	Mice lacking metabotropic glutamate receptor 4 do not show the motor stimulatory effect of ethanol. *Alcohol*, **2004**, 34, 251-9	2.7	41
182	Molecular determinants of general anesthetic action: role of GABAA receptor structure. *Journal of Neurochemistry*, **1993**, 60, 1548-53	6	41
181	GABAA receptors containing 1 subunits contribute to in vivo effects of ethanol in mice. *PLoS ONE*, **2014**, 9, e85525	3.7	41
180	Hypothesis: inhaled anesthetics produce immobility and amnesia by different mechanisms at different sites. *Anesthesia and Analgesia*, **1997**, 84, 915-8	3.9	40
179	Relevant concentrations of inhaled anesthetics for in vitro studies of anesthetic mechanisms. *Anesthesiology*, **2001**, 94, 915-21	4.3	40
178	Cerebellar GABAB receptors modulate function of GABAA receptors. *FASEB Journal*, **1991**, 5, 2466-72	0.9	40
177	Interacting amino acid replacements allow poison frogs to evolve epibatidine resistance. *Science*, **2017**, 357, 1261-1266	33.3	39
176	n-Alcohols inhibit voltage-gated Na+ channels expressed in Xenopus oocytes. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 326, 270-7	4.7	39
175	Hybrid C57BL/6J x FVB/NJ mice drink more alcohol than do C57BL/6J mice. *Alcoholism: Clinical and Experimental Research*, **2005**, 29, 1949-58	3.7	39
174	A transmembrane site determines sensitivity of neuronal nicotinic acetylcholine receptors to general anesthetics. *Journal of Biological Chemistry*, **2000**, 275, 40879-86	5.4	39
173	The cytoskeleton and neurotransmitter receptors. *International Review of Neurobiology*, **1996**, 39, 113-43	4.4	39
172	Enflurane inhibits NMDA, AMPA, and kainate-induced currents in Xenopus oocytes expressing mouse and human brain mRNA. *FASEB Journal*, **1993**, 7, 479-85	0.9	39
171	Genetic differences in coupling of benzodiazepine receptors to chloride channels. *Brain Research*, **1989**, 490, 26-32	3.7	39
170	Chronic ethanol consumption: role of TLR3/TRIF-dependent signaling. *Addiction Biology*, **2018**, 23, 889-903	4.6	38

169	Deletion of the fyn-kinase gene alters behavioral sensitivity to ethanol. *Alcoholism: Clinical and Experimental Research*, **2003**, 27, 1033-40	3.7	38
168	Effects of 5-HT3 receptor antagonists on binding and function of mouse and human GABAA receptors. *European Journal of Pharmacology*, **1994**, 268, 237-46		38
167	Genetic selection for benzodiazepine ataxia produces functional changes in the gamma-aminobutyric acid receptor chloride channel complex. *Brain Research*, **1988**, 452, 118-26	3.7	38
166	Enhancement of glycine receptor function by ethanol: role of phosphorylation. *British Journal of Pharmacology*, **1998**, 125, 263-70	8.6	37
165	Acute effects of ethanol on pharmacologically isolated kainate receptors in cerebellar granule neurons: comparison with NMDA and AMPA receptors. *Journal of Neurochemistry*, **1998**, 71, 1777-80	6	37
164	Functional and structural analysis of the GABAA receptor alpha 1 subunit during channel gating and alcohol modulation. *Journal of Biological Chemistry*, **2005**, 280, 308-16	5.4	37
163	Innate immune factors modulate ethanol interaction with GABAergic transmission in mouse central amygdala. *Brain, Behavior, and Immunity*, **2014**, 40, 191-202	16.6	36
162	Glycine Receptors Mediate Part of the Immobility Produced by Inhaled Anesthetics. *Anesthesia and Analgesia*, **2003**, 96, 97-101	3.9	36
161	Alcohol Actions on GABAA Receptors: From Protein Structure to Mouse Behavior. *Alcoholism: Clinical and Experimental Research*, **2001**, 25, 76S-81S	3.7	36
160	Alteration of alcohol effects by calcium and other inorganic cations. *Pharmacology Biochemistry and Behavior*, **1979**, 10, 527-34	3.9	36
159	Behavioral and Genetic Evidence for GIRK Channels in the CNS: Role in Physiology, Pathophysiology, and Drug Addiction. *International Review of Neurobiology*, **2015**, 123, 279-313	4.4	35
158	Alcohol-binding sites in distinct brain proteins: the quest for atomic level resolution. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 1561-73	3.7	35
157	Sites of alcohol and volatile anesthetic action on glycine receptors. *International Review of Neurobiology*, **2005**, 65, 53-87	4.4	35
156	Ethanol-induced changes in chloride flux are mediated by both GABA(A) and GABA(B) receptors. *Alcoholism: Clinical and Experimental Research*, **1991**, 15, 233-7	3.7	35
155	Possible substrates of ethanol reinforcement: GABA and dopamine. *Annals of the New York Academy of Sciences*, **1992**, 654, 61-9	6.5	35
154	Neuronal membrane lipid asymmetry. *Life Sciences*, **1979**, 24, 395-9	6.8	35
153	Molecular mechanism for the dual alcohol modulation of Cys-loop receptors. *PLoS Computational Biology*, **2012**, 8, e1002710	5	34
152	Behavioural changes produced by transgenic overexpression of gamma2L and gamma2S subunits of the GABAA receptor. *European Journal of Neuroscience*, **2000**, 12, 2634-8	3.5	34

151	Genes and Alcohol Consumption: Studies with Mutant Mice. *International Review of Neurobiology*, **2016**, 126, 293-355	4.4	34
150	Effects of Ethanol on Recombinant Glycine Receptors Expressed in Mammalian Cell Lines. *Alcoholism: Clinical and Experimental Research*, **1998**, 22, 1132-1136	3.7	33
149	Chemical kindling decreases GABA-activated chloride channels of mouse brain. *European Journal of Pharmacology*, **1989**, 160, 101-6	5.3	33
148	Dynamin-1 co-associates with native mouse brain BKCa channels: proteomics analysis of synaptic protein complexes. *FEBS Letters*, **2010**, 584, 845-51	3.8	32
147	Rescue of gamma2 subunit-deficient mice by transgenic overexpression of the GABAA receptor gamma2S or gamma2L subunit isoforms. *European Journal of Neuroscience*, **2000**, 12, 2639-43	3.5	32
146	Ethanol-sensitive sites on the human dopamine transporter. *Journal of Biological Chemistry*, **2002**, 277, 30724-9	5.4	31
145	Glycine receptor β3 and α2 subunits mediate tonic and exogenous agonist-induced currents in forebrain. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E7179-E7186	11.5	30
144	Behavioral characterization of knockin mice with mutations M287L and Q266I in the glycine receptor β1 subunit. *Journal of Pharmacology and Experimental Therapeutics*, **2012**, 340, 317-29	4.7	30
143	Regulation of GABAA receptor structure and function by chronic drug treatments in vivo and with stably transfected cells. *The Japanese Journal of Pharmacology*, **1996**, 70, 1-15		30
142	Microglia Control Escalation of Drinking in Alcohol-Dependent Mice: Genomic and Synaptic Drivers. *Biological Psychiatry*, **2020**, 88, 910-921	7.9	29
141	Glycine receptors containing α2 or β3 subunits regulate specific ethanol-mediated behaviors. *Journal of Pharmacology and Experimental Therapeutics*, **2015**, 353, 181-91	4.7	29
140	From gene to behavior and back again: new perspectives on GABAA receptor subunit selectivity of alcohol actions. *Advances in Pharmacology*, **2006**, 54, 171-203	5.7	29
139	Cross-linking of glycine receptor transmembrane segments two and three alters coupling of ligand binding with channel opening. *Journal of Neurochemistry*, **2004**, 90, 962-9	6	29
138	Toll-like receptor 3 activation increases voluntary alcohol intake in C57BL/6J male mice. *Brain, Behavior, and Immunity*, **2019**, 77, 55-65	16.6	29
137	DNA modifications in models of alcohol use disorders. *Alcohol*, **2017**, 60, 19-30	2.7	28
136	Proteomic approaches and identification of novel therapeutic targets for alcoholism. *Neuropsychopharmacology*, **2014**, 39, 104-30	8.7	28
135	Minimum alveolar anesthetic concentration of fluorinated alkanols in rats: relevance to theories of narcosis. *Anesthesia and Analgesia*, **1999**, 88, 867-76	3.9	28
134	Differential effects of GABAergic ligands in mouse and rat hippocampal neurons. *Brain Research*, **1994**, 647, 97-105	3.7	28

133	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
132	Microglial-specific transcriptome changes following chronic alcohol consumption. *Neuropharmacology*, **2018**, 128, 416-424	5.5	27
131	The Neuroimmune Basis of Excessive Alcohol Consumption. *Neuropsychopharmacology*, **2017**, 42, 376	8.7	26
130	Synaptic adaptations by alcohol and drugs of abuse: changes in microRNA expression and mRNA regulation. *Frontiers in Molecular Neuroscience*, **2014**, 7, 85	6.1	26
129	Synaptic proteome changes in the superior frontal gyrus and occipital cortex of the alcoholic brain. *Proteomics - Clinical Applications*, **2009**, 3, 730-742	3.1	26
128	Accessibility to residues in transmembrane segment four of the glycine receptor. *Neuropharmacology*, **2006**, 50, 174-81	5.5	26
127	Blockade of the leptin-sensitive pathway markedly reduces alcohol consumption in mice. *Alcoholism: Clinical and Experimental Research*, **2004**, 28, 1683-92	3.7	26
126	PPAR Agonists: II. Fenofibrate and Tesaglitazar Alter Behaviors Related to Voluntary Alcohol Consumption. *Alcoholism: Clinical and Experimental Research*, **2016**, 40, 563-71	3.7	25
125	Deletion of the fyn-kinase gene alters sensitivity to GABAergic drugs: dependence on beta2/beta3 GABAA receptor subunits. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 309, 1154-9	4.7	25
124	Behavioral and biochemical effects of chronic consumption of ethanol by hamsters. *Pharmacology Biochemistry and Behavior*, **1979**, 10, 343-7	3.9	25
123	CNS cell-type localization and LPS response of TLR signaling pathways. *F1000Research*, **2017**, 6, 1144	3.6	25
122	Toll-like receptor 4 (Tlr4) knockout rats produced by transcriptional activator-like effector nuclease (TALEN)-mediated gene inactivation. *Alcohol*, **2013**, 47, 595-9	2.7	24
121	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
120	Cross-linking of sites involved with alcohol action between transmembrane segments 1 and 3 of the glycine receptor following activation. *Journal of Neurochemistry*, **2008**, 104, 1649-62	6	24
119	Actions of Fluorinated Alkanols on GABAA Receptors. *Anesthesia and Analgesia*, **1999**, 88, 877-883	3.9	24
118	Genome-Wide Expression Profiles Drive Discovery of Novel Compounds that Reduce Binge Drinking in Mice. *Neuropsychopharmacology*, **2018**, 43, 1257-1266	8.7	23
117	Glial gene networks associated with alcohol dependence. *Scientific Reports*, **2019**, 9, 10949	4.9	23
116	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

115	Zinc enhances ethanol modulation of the alpha1 glycine receptor. *Neuropharmacology*, **2010**, 58, 676-81	5.5	23
114	Nonhalogenated alkanes cyclopropane and butane affect neurotransmitter-gated ion channel and G-protein-coupled receptors: differential actions on GABAA and glycine receptors. *Anesthesiology*, **2002**, 97, 1512-20	4.3	23
113	Effects of a sedative and a convulsant barbiturate on synaptosomal calcium transport. *Brain Research*, **1982**, 242, 157-63	3.7	23
112	Analgetic effects of lanthanum: cross-tolerance with morphine. *Brain Research*, **1975**, 100, 221-5	3.7	23
111	Inhibition of IKK Reduces Ethanol Consumption in C57BL/6J Mice. *ENeuro*, **2016**, 3,	3.9	23
110	FMRP regulates an ethanol-dependent shift in GABAR function and expression with rapid antidepressant properties. *Nature Communications*, **2016**, 7, 12867	17.4	22
109	Mechanistic insights into epigenetic modulation of ethanol consumption. *Alcohol*, **2017**, 60, 95-101	2.7	21
108	Astrocyte-specific transcriptome responses to chronic ethanol consumption. *Pharmacogenomics Journal*, **2018**, 18, 578-589	3.5	21
107	Altered gamma-aminobutyric acid type B receptor subunit 1 splicing in alcoholics. *Biological Psychiatry*, **2014**, 75, 765-73	7.9	21
106	Effects of ethanol on structural parameters of rat brain membranes: relationship to genetic differences in ethanol sensitivity. *Alcoholism: Clinical and Experimental Research*, **1994**, 18, 53-9	3.7	21
105	Modulation of gamma-aminobutyric acidA receptor-operated chloride channels by benzodiazepine inverse agonists is related to genetic differences in ethanol withdrawal seizure severity. *Journal of Neurochemistry*, **1991**, 57, 2100-5	6	21
104	Effects of ethanol and calcium on lipid order of membranes from mice selected for genetic differences in ethanol intoxication. *Alcohol*, **1988**, 5, 251-7	2.7	21
103	The neuroimmune transcriptome and alcohol dependence: potential for targeted therapies. *Pharmacogenomics*, **2016**, 17, 2081-2096	2.6	21
102	Role of interleukin-1 receptor signaling in the behavioral effects of ethanol and benzodiazepines. *Neuropharmacology*, **2015**, 95, 309-20	5.5	20
101	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
100	Mutation of a zinc-binding residue in the glycine receptor 4 subunit changes ethanol sensitivity in vitro and alcohol consumption in vivo. *Journal of Pharmacology and Experimental Therapeutics*, **2013**, 344, 489-500	4.7	20
99	Sites in TM2 and 3 are critical for alcohol-induced conformational changes in GABA receptors. *Journal of Neurochemistry*, **2006**, 96, 885-92	6	20
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