

Robert A Harris

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.

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	(+)-Catharanthine potentiates the GABA receptor by binding to a transmembrane site at the (+)/(-) interface near the TM2-TM3 loop.. <i>Biochemical Pharmacology</i> , 2022 , 114993	6	0
275	Microglia depletion and alcohol: Transcriptome and behavioral profiles. <i>Addiction Biology</i> , 2021 , 26, e12889	11.5	12
274	Deletion of Tlr3 reduces acute tolerance to alcohol and alcohol consumption in the intermittent access procedure in male mice. <i>Addiction Biology</i> , 2021 , 26, e12932	4.6	3
273	Modulation of $\beta\beta\beta$ 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> , 2021 , 118,	11.5	1
272	Alcohol Dependence in Rats Is Associated with Global Changes in Gene Expression in the Central Amygdala. <i>Brain Sciences</i> , 2021 , 11,	3.4	3
271	Microglia Control Escalation of Drinking in Alcohol-Dependent Mice: Genomic and Synaptic Drivers. <i>Biological Psychiatry</i> , 2020 , 88, 910-921	7.9	29
270	Inbred Substrain Differences Influence Neuroimmune Response and Drinking Behavior. <i>Alcoholism: Clinical and Experimental Research</i> , 2020 , 44, 1760-1768	3.7	4
269	Apremilast regulates acute effects of ethanol and other GABAergic drugs via protein kinase A-dependent signaling. <i>Neuropharmacology</i> , 2020 , 178, 108220	5.5	1
268	Scn4b regulates the hypnotic effects of ethanol and other sedative drugs. <i>Genes, Brain and Behavior</i> , 2019 , 18, e12562	3.6	1
267	Dissecting Brain Networks Underlying Alcohol Binge Drinking Using a Systems Genomics Approach. <i>Molecular Neurobiology</i> , 2019 , 56, 2791-2810	6.2	13
266	Glial gene networks associated with alcohol dependence. <i>Scientific Reports</i> , 2019 , 9, 10949	4.9	23
265	Cannabis and Alcohol: From Basic Science to Public Policy. <i>Alcoholism: Clinical and Experimental Research</i> , 2019 , 43, 1829-1833	3.7	3
264	A Pathway-Based Genomic Approach to Identify Medications: Application to Alcohol Use Disorder. <i>Brain Sciences</i> , 2019 , 9,	3.4	2
263	Toll-like receptor 3 activation increases voluntary alcohol intake in C57BL/6J male mice. <i>Brain, Behavior, and Immunity</i> , 2019 , 77, 55-65	16.6	29
262	Ethanol and a rapid-acting antidepressant produce overlapping changes in exon expression in the synaptic transcriptome. <i>Neuropharmacology</i> , 2019 , 146, 289-299	5.5	3
261	Toll-like receptor 3 dynamics in female C57BL/6J mice: Regulation of alcohol intake. <i>Brain, Behavior, and Immunity</i> , 2019 , 77, 66-76	16.6	16
260	Silencing synaptic MicroRNA-411 reduces voluntary alcohol consumption in mice. <i>Addiction Biology</i> , 2019 , 24, 604-616	4.6	9

259	Apremilast Alters Behavioral Responses to Ethanol in Mice: II. Increased Sedation, Intoxication, and Reduced Acute Functional Tolerance. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 939-951	3.7	10
258	Apremilast Alters Behavioral Responses to Ethanol in Mice: I. Reduced Consumption and Preference. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 926-938	3.7	12
257	From gene networks to drugs: systems pharmacology approaches for AUD. <i>Psychopharmacology</i> , 2018 , 235, 1635-1662	4.7	11
256	Genome-Wide Expression Profiles Drive Discovery of Novel Compounds that Reduce Binge Drinking in Mice. <i>Neuropsychopharmacology</i> , 2018 , 43, 1257-1266	8.7	23
255	Astrocyte-specific transcriptome responses to chronic ethanol consumption. <i>Pharmacogenomics Journal</i> , 2018 , 18, 578-589	3.5	21
254	Chronic ethanol consumption: role of TLR3/TRIF-dependent signaling. <i>Addiction Biology</i> , 2018 , 23, 889-903	4.3	38
253	Long-term ethanol exposure: Temporal pattern of microRNA expression and associated mRNA gene networks in mouse brain. <i>PLoS ONE</i> , 2018 , 13, e0190841	3.7	20
252	Microglial-specific transcriptome changes following chronic alcohol consumption. <i>Neuropharmacology</i> , 2018 , 128, 416-424	5.5	27
251	Persistence of Drug Memories: Melting Transcriptomes. <i>Biological Psychiatry</i> , 2018 , 84, 860-861	7.9	
250	Peroxisome Proliferator Activated Receptor Agonists Modulate Transposable Element Expression in Brain and Liver. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 331	6.1	4
249	Ethanol Consumption in Mice Lacking CD14, TLR2, TLR4, or MyD88. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 516-530	3.7	44
248	Sedative and Motor Incoordination Effects of Ethanol in Mice Lacking CD14, TLR2, TLR4, or MyD88. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 531-540	3.7	19
247	The Neuroimmune Basis of Excessive Alcohol Consumption. <i>Neuropsychopharmacology</i> , 2017 , 42, 376	8.7	26
246	Mutation of the inhibitory ethanol site in GABA _A receptors promotes tolerance to ethanol-induced motor incoordination. <i>Neuropharmacology</i> , 2017 , 123, 201-209	5.5	19
245	Mechanistic insights into epigenetic modulation of ethanol consumption. <i>Alcohol</i> , 2017 , 60, 95-101	2.7	21
244	Genetic and Pharmacologic Manipulation of TLR4 Has Minimal Impact on Ethanol Consumption in Rodents. <i>Journal of Neuroscience</i> , 2017 , 37, 1139-1155	6.6	56
243	Interacting amino acid replacements allow poison frogs to evolve epibatidine resistance. <i>Science</i> , 2017 , 357, 1261-1266	33.3	39
242	Novel Molecule Exhibiting Selective Affinity for GABA Receptor Subtypes. <i>Scientific Reports</i> , 2017 , 7, 6230	4.9	6

241	Glycine receptor β and δ subunits mediate tonic and exogenous agonist-induced currents in forebrain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E7179-E7186	11.5	30
240	DNA modifications in models of alcohol use disorders. <i>Alcohol</i> , 2017 , 60, 19-30	2.7	28
239	CNS cell-type localization and LPS response of TLR signaling pathways. <i>F1000Research</i> , 2017 , 6, 1144	3.6	25
238	Synaptic microRNAs Coordinately Regulate Synaptic mRNAs: Perturbation by Chronic Alcohol Consumption. <i>Neuropsychopharmacology</i> , 2016 , 41, 538-48	8.7	19
237	Localization of PPAR isotypes in the adult mouse and human brain. <i>Scientific Reports</i> , 2016 , 6, 27618	4.9	129
236	FMRP regulates an ethanol-dependent shift in GABAR function and expression with rapid antidepressant properties. <i>Nature Communications</i> , 2016 , 7, 12867	17.4	22
235	PPAR Agonists: II. Fenofibrate and Tesaglitazar Alter Behaviors Related to Voluntary Alcohol Consumption. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 563-71	3.7	25
234	Identification of an Inhibitory Alcohol Binding Site in GABAA α Receptors. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 100-8	5.7	12
233	Inhibition of IKK β Reduces Ethanol Consumption in C57BL/6J Mice. <i>ENeuro</i> , 2016 , 3,	3.9	23
232	Inter- and Intra-Subunit Butanol/Isoflurane Sites of Action in the Human Glycine Receptor. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 45	6.1	5
231	PPAR Agonists: I. Role of Receptor Subunits in Alcohol Consumption in Male and Female Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 553-62	3.7	20
230	The neuroimmune transcriptome and alcohol dependence: potential for targeted therapies. <i>Pharmacogenomics</i> , 2016 , 17, 2081-2096	2.6	21
229	Genes and Alcohol Consumption: Studies with Mutant Mice. <i>International Review of Neurobiology</i> , 2016 , 126, 293-355	4.4	34
228	Behavioral and Genetic Evidence for GIRK Channels in the CNS: Role in Physiology, Pathophysiology, and Drug Addiction. <i>International Review of Neurobiology</i> , 2015 , 123, 279-313	4.4	35
227	Role of interleukin-1 receptor signaling in the behavioral effects of ethanol and benzodiazepines. <i>Neuropharmacology</i> , 2015 , 95, 309-20	5.5	20
226	Applying the new genomics to alcohol dependence. <i>Alcohol</i> , 2015 , 49, 825-36	2.7	12
225	Ethanol Modulation is Quantitatively Determined by the Transmembrane Domain of Human δ Glycine Receptors. <i>Alcoholism: Clinical and Experimental Research</i> , 2015 , 39, 962-8	3.7	4
224	Epigenetic modulation of brain gene networks for cocaine and alcohol abuse. <i>Frontiers in Neuroscience</i> , 2015 , 9, 176	5.1	41

223	Chronic ethanol exposure produces time- and brain region-dependent changes in gene coexpression networks. <i>PLoS ONE</i> , 2015 , 10, e0121522	3.7	58
222	Peroxisome proliferator-activated receptors α and β are linked with alcohol consumption in mice and withdrawal and dependence in humans. <i>Alcoholism: Clinical and Experimental Research</i> , 2015 , 39, 136-45	3.7	69
221	Glycine receptors containing α or β subunits regulate specific ethanol-mediated behaviors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 353, 181-91	4.7	29
220	Seeking structural specificity: direct modulation of pentameric ligand-gated ion channels by alcohols and general anesthetics. <i>Pharmacological Reviews</i> , 2014 , 66, 396-412	22.5	47
219	PPAR agonists regulate brain gene expression: relationship to their effects on ethanol consumption. <i>Neuropharmacology</i> , 2014 , 86, 397-407	5.5	66
218	Molecular basis of alcoholism. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2014 , 125, 89-111	3	44
217	Altered gamma-aminobutyric acid type B receptor subunit 1 splicing in alcoholics. <i>Biological Psychiatry</i> , 2014 , 75, 765-73	7.9	21
216	Innate immune factors modulate ethanol interaction with GABAergic transmission in mouse central amygdala. <i>Brain, Behavior, and Immunity</i> , 2014 , 40, 191-202	16.6	36
215	Alcohol dependence: molecular and behavioral evidence. <i>Trends in Pharmacological Sciences</i> , 2014 , 35, 317-23	13.2	64
214	Inhibition of phosphodiesterase 4 reduces ethanol intake and preference in C57BL/6J mice. <i>Frontiers in Neuroscience</i> , 2014 , 8, 129	5.1	45
213	Synaptic adaptations by alcohol and drugs of abuse: changes in microRNA expression and mRNA regulation. <i>Frontiers in Molecular Neuroscience</i> , 2014 , 7, 85	6.1	26
212	Proteomic approaches and identification of novel therapeutic targets for alcoholism. <i>Neuropsychopharmacology</i> , 2014 , 39, 104-30	8.7	28
211	Neuroimmune pathways in alcohol consumption: evidence from behavioral and genetic studies in rodents and humans. <i>International Review of Neurobiology</i> , 2014 , 118, 13-39	4.4	71
210	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> , 2014 , 128, 363-75	6	20
209	Alcohol and the Brain: An Epigenetic Viewpoint 2014 , 349-358		1
208	Neuroimmune mechanisms of alcohol and drug addiction. <i>International Review of Neurobiology</i> , 2014 , 118, 1-12	4.4	94
207	GABAA receptors containing α subunits contribute to in vivo effects of ethanol in mice. <i>PLoS ONE</i> , 2014 , 9, e85525	3.7	41
206	RNaseIII and T4 polynucleotide Kinase sequence biases and solutions during RNA-seq library construction. <i>Biology Direct</i> , 2013 , 8, 16	7.2	9

205	Toll-like receptor 4 (Tlr4) knockout rats produced by transcriptional activator-like effector nuclease (TALEN)-mediated gene inactivation. <i>Alcohol</i> , 2013 , 47, 595-9	2.7	24
204	Functional validation of virtual screening for novel agents with general anesthetic action at ligand-gated ion channels. <i>Molecular Pharmacology</i> , 2013 , 84, 670-8	4.3	16
203	Positively correlated miRNA-mRNA regulatory networks in mouse frontal cortex during early stages of alcohol dependence. <i>BMC Genomics</i> , 2013 , 14, 725	4.5	92
202	Chronic voluntary alcohol consumption results in tolerance to sedative/hypnotic and hypothermic effects of alcohol in hybrid mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013 , 104, 33-9	3.9	11
201	Inhibition versus potentiation of ligand-gated ion channels can be altered by a single mutation that moves ligands between intra- and intersubunit sites. <i>Structure</i> , 2013 , 21, 1307-16	5.2	19
200	Neuroimmune signaling: a key component of alcohol abuse. <i>Current Opinion in Neurobiology</i> , 2013 , 23, 513-20	7.6	140
199	Structural basis for potentiation by alcohols and anaesthetics in a ligand-gated ion channel. <i>Nature Communications</i> , 2013 , 4, 1697	17.4	116
198	Zinc-dependent modulation of α - and β -glycine receptor subunits by ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2013 , 37, 2002-10	3.7	14
197	Mutation of a zinc-binding residue in the glycine receptor β subunit changes ethanol sensitivity in vitro and alcohol consumption in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 344, 489-500	4.7	20
196	Gene expression in brain and liver produced by three different regimens of alcohol consumption in mice: comparison with immune activation. <i>PLoS ONE</i> , 2013 , 8, e59870	3.7	66
195	Neuroimmune Genes and Alcohol Drinking Behavior 2013 , 425-440		9
194	Gene coexpression networks in human brain identify epigenetic modifications in alcohol dependence. <i>Journal of Neuroscience</i> , 2012 , 32, 1884-97	6.6	294
193	Dora B. Goldstein In Memoriam. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 2-3	3.7	
192	Neuroimmune regulation of alcohol consumption: behavioral validation of genes obtained from genomic studies. <i>Addiction Biology</i> , 2012 , 17, 108-20	4.6	187
191	Molecular mechanism for the dual alcohol modulation of Cys-loop receptors. <i>PLoS Computational Biology</i> , 2012 , 8, e1002710	5	34
190	Behavioral characterization of knockin mice with mutations M287L and Q266I in the glycine receptor β subunit. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 340, 317-29	4.7	30
189	The TM2 position of GABA(A) receptors mediates alcohol inhibition. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 340, 445-56	4.7	16
188	Characterization of two mutations, M287L and Q266I, in the β glycine receptor subunit that modify sensitivity to alcohols. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 340, 304-16	4.7	24

187	Mutations M287L and Q266I in the glycine receptor α subunit change sensitivity to volatile anesthetics in oocytes and neurons, but not the minimal alveolar concentration in knockin mice. <i>Anesthesiology</i> , 2012 , 117, 765-71	4.3	9
186	Using genetically engineered animal models in the postgenomic era to understand gene function in alcoholism 2012 , 34, 282-91		2
185	Small K channels: big targets for treating alcoholism?. <i>Biological Psychiatry</i> , 2011 , 69, 614-5	7.9	0
184	How Should Addiction-Related Research at the National Institutes of Health be Reorganized?. <i>Frontiers in Psychiatry</i> , 2011 , 2, 2	5	2
183	Molecular profiles of drinking alcohol to intoxication in C57BL/6J mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 659-70	3.7	80
182	Should the reorganization of addiction-related research across all the National Institutes of Health be structural?--The devil is truly in the details. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 572-80	3.7	7
181	Alcohol-binding sites in distinct brain proteins: the quest for atomic level resolution. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 1561-73	3.7	35
180	Up-regulation of microRNAs in brain of human alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 1928-37	3.7	147
179	Preclinical studies of alcohol binge drinking. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1216, 24-40	6.5	143
178	Structural basis for alcohol modulation of a pentameric ligand-gated ion channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 12149-54	11.5	92
177	A transmembrane amino acid in the GABAA receptor β subunit critical for the actions of alcohols and anesthetics. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 600-6	4.7	23
176	Amygdala transcriptome and cellular mechanisms underlying stress-enhanced fear learning in a rat model of posttraumatic stress disorder. <i>Neuropsychopharmacology</i> , 2010 , 35, 1402-11	8.7	83
175	Zinc enhances ethanol modulation of the alpha1 glycine receptor. <i>Neuropharmacology</i> , 2010 , 58, 676-81	5.5	23
174	Dynamin-1 co-associates with native mouse brain BKCa channels: proteomics analysis of synaptic protein complexes. <i>FEBS Letters</i> , 2010 , 584, 845-51	3.8	32
173	Intron 4 containing novel GABAB1 isoforms impair GABAB receptor function. <i>PLoS ONE</i> , 2010 , 5, e14044	3.7	17
172	Alcohol's effects on brain and behavior. <i>Alcohol Research</i> , 2010 , 33, 127-43		47
171	Gene expression profiling in blood: new diagnostics in alcoholism and addiction?. <i>Neuropsychopharmacology</i> , 2009 , 34, 250-1	8.7	8
170	Synaptic proteome changes in the superior frontal gyrus and occipital cortex of the alcoholic brain. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 730-742	3.1	26

169	Effects of acamprosate on neuronal receptors and ion channels expressed in <i>Xenopus</i> oocytes. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 188-96	3.7	27
168	Cross-linking of sites involved with alcohol action between transmembrane segments 1 and 3 of the glycine receptor following activation. <i>Journal of Neurochemistry</i> , 2008 , 104, 1649-62	6	24
167	GABA(A) receptors and alcohol. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 90, 90-4	3.9	134
166	Ethanol's molecular targets. <i>Science Signaling</i> , 2008 , 1, re7	8.8	183
165	n-Alcohols inhibit voltage-gated Na ⁺ channels expressed in <i>Xenopus</i> oocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 326, 270-7	4.7	39
164	General anesthetics have additive actions on three ligand gated ion channels. <i>Anesthesia and Analgesia</i> , 2008 , 107, 486-93	3.9	19
163	Metabotropic glutamate receptor 5 (mGluR5) regulation of ethanol sedation, dependence and consumption: relationship to acamprosate actions. <i>International Journal of Neuropsychopharmacology</i> , 2008 , 11, 775-93	5.8	93
162	The effects of volatile aromatic anesthetics on voltage-gated Na ⁺ channels expressed in <i>Xenopus</i> oocytes. <i>Anesthesia and Analgesia</i> , 2008 , 107, 1579-86	3.9	17
161	Neuroadaptations in human chronic alcoholics: dysregulation of the NF-kappaB system. <i>PLoS ONE</i> , 2007 , 2, e930	3.7	67
160	Studies of ethanol actions on recombinant delta-containing gamma-aminobutyric acid type A receptors yield contradictory results. <i>Alcohol</i> , 2007 , 41, 155-62	2.7	59
159	Altered gene expression profiles in the frontal cortex of cirrhotic alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 1460-6	3.7	55
158	Role of endocannabinoids in alcohol consumption and intoxication: studies of mice lacking fatty acid amide hydrolase. <i>Neuropsychopharmacology</i> , 2007 , 32, 1570-82	8.7	107
157	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. <i>Anesthesiology</i> , 2007 , 106, 107-13	4.3	60
156	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. <i>European Journal of Pharmacology</i> , 2006 , 541, 158-62	5.3	41
155	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> , 2006 , 319, 219-27	4.7	41
154	Patterns of gene expression in the frontal cortex discriminate alcoholic from nonalcoholic individuals. <i>Neuropsychopharmacology</i> , 2006 , 31, 1574-82	8.7	201
153	Effects of anesthetics on mutant N-methyl-D-aspartate receptors expressed in <i>Xenopus</i> oocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 318, 434-43	4.7	77
152	Toward understanding the genetics of alcohol drinking through transcriptome meta-analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 6368-73	11.5	298

151	Gamma-aminobutyric acid type A receptors and alcoholism: intoxication, dependence, vulnerability, and treatment. <i>Archives of General Psychiatry</i> , 2006 , 63, 957-68		156
150	From gene to behavior and back again: new perspectives on GABAA receptor subunit selectivity of alcohol actions. <i>Advances in Pharmacology</i> , 2006 , 54, 171-203	5.7	29
149	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> , 2006 , 316, 1360-8	4.7	141
148	Transcriptional signatures of cellular plasticity in mice lacking the alpha1 subunit of GABAA receptors. <i>Journal of Neuroscience</i> , 2006 , 26, 5673-83	6.6	53
147	Accessibility to residues in transmembrane segment four of the glycine receptor. <i>Neuropharmacology</i> , 2006 , 50, 174-81	5.5	26
146	The minimum alveolar anesthetic concentration of 2-, 3-, and 4-alcohols and ketones in rats: relevance to anesthetic mechanisms. <i>Anesthesia and Analgesia</i> , 2006 , 102, 1419-26	3.9	5
145	Alcohol-related genes: contributions from studies with genetically engineered mice. <i>Addiction Biology</i> , 2006 , 11, 195-269	4.6	180
144	Sites in TM2 and 3 are critical for alcohol-induced conformational changes in GABA receptors. <i>Journal of Neurochemistry</i> , 2006 , 96, 885-92	6	20
143	Reduced alcohol consumption in mice lacking preprodynorphin. <i>Alcohol</i> , 2006 , 40, 73-86	2.7	67
142	Perturbation of chemokine networks by gene deletion alters the reinforcing actions of ethanol. <i>Behavioural Brain Research</i> , 2005 , 165, 110-25	3.4	116
141	The effects of anesthetics and ethanol on alpha2 adrenoceptor subtypes expressed with G protein-coupled inwardly rectifying potassium channels in <i>Xenopus</i> oocytes. <i>Anesthesia and Analgesia</i> , 2005 , 101, 1381-1388	3.9	7
140	Beta3-containing gamma-aminobutyric acidA receptors are not major targets for the amnesic and immobilizing actions of isoflurane. <i>Anesthesia and Analgesia</i> , 2005 , 101, 412-418	3.9	47
139	Nicotine addiction and comorbidity with alcohol abuse and mental illness. <i>Nature Neuroscience</i> , 2005 , 8, 1465-70	25.5	291
138	Hybrid C57BL/6J x FVB/NJ mice drink more alcohol than do C57BL/6J mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 1949-58	3.7	39
137	Functional and structural analysis of the GABAA receptor alpha 1 subunit during channel gating and alcohol modulation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 308-16	5.4	37
136	Sites of alcohol and volatile anesthetic action on glycine receptors. <i>International Review of Neurobiology</i> , 2005 , 65, 53-87	4.4	35
135	Deletion of the fyn-kinase gene alters sensitivity to GABAergic drugs: dependence on beta2/beta3 GABAA receptor subunits. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 309, 1154-9	4.7	25
134	Channel gating of the glycine receptor changes accessibility to residues implicated in receptor potentiation by alcohols and anesthetics. <i>Journal of Biological Chemistry</i> , 2004 , 279, 33919-27	5.4	48

133	Effects of alcohols and anesthetics on recombinant voltage-gated Na ⁺ channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 309, 987-94	4.7	64
132	Cross-linking of glycine receptor transmembrane segments two and three alters coupling of ligand binding with channel opening. <i>Journal of Neurochemistry</i> , 2004 , 90, 962-9	6	29
131	Are sobriety and consciousness determined by water in protein cavities?. <i>Alcoholism: Clinical and Experimental Research</i> , 2004 , 28, 1-3	3.7	15
130	Blockade of the leptin-sensitive pathway markedly reduces alcohol consumption in mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2004 , 28, 1683-92	3.7	26
129	gamma-Aminobutyric acid A receptor subunit mutant mice: new perspectives on alcohol actions. <i>Biochemical Pharmacology</i> , 2004 , 68, 1581-602	6	127
128	Gene expression profiling of individual cases reveals consistent transcriptional changes in alcoholic human brain. <i>Journal of Neurochemistry</i> , 2004 , 90, 1050-8	6	109
127	The application of proteomics to the human alcoholic brain. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1025, 14-26	6.5	55
126	Mice lacking metabotropic glutamate receptor 4 do not show the motor stimulatory effect of ethanol. <i>Alcohol</i> , 2004 , 34, 251-9	2.7	41
125	Over-expression of the fyn-kinase gene reduces hypnotic sensitivity to ethanol in mice. <i>Neuroscience Letters</i> , 2004 , 372, 6-11	3.3	18
124	Gamma-aminobutyric acidA receptors do not mediate the immobility produced by isoflurane. <i>Anesthesia and Analgesia</i> , 2004 , 99, 85-90	3.9	44
123	Inhaled anesthetics and immobility: mechanisms, mysteries, and minimum alveolar anesthetic concentration. <i>Anesthesia and Analgesia</i> , 2003 , 97, 718-740	3.9	213
122	Glycine Receptors Mediate Part of the Immobility Produced by Inhaled Anesthetics. <i>Anesthesia and Analgesia</i> , 2003 , 96, 97-101	3.9	36
121	Glycine receptors mediate part of the immobility produced by inhaled anesthetics. <i>Anesthesia and Analgesia</i> , 2003 , 96, 97-101, table of contents	3.9	56
120	Sites of Excitatory and Inhibitory Actions of Alcohols on Neuronal $\alpha 4$ Nicotinic Acetylcholine Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 307, 42-52	4.7	44
119	Glycine receptor knock-in mice and hyperekplexia-like phenotypes: comparisons with the null mutant. <i>Journal of Neuroscience</i> , 2003 , 23, 8051-9	6.6	45
118	Mutation in neuronal nicotinic acetylcholine receptors expressed in <i>Xenopus</i> oocytes blocks ethanol action. <i>Addiction Biology</i> , 2003 , 8, 313-8	4.6	8
117	Deletion of the fyn-kinase gene alters behavioral sensitivity to ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2003 , 27, 1033-40	3.7	38
116	Methods for the identification of differentially expressed genes in human post-mortem brain. <i>Methods</i> , 2003 , 31, 301-5	4.6	6

115	Deletion of the alpha1 or beta2 subunit of GABAA receptors reduces actions of alcohol and other drugs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 304, 30-6	4.7	102
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