Robert A Harris

List of Publications by Year in descending order

281 papers	16,745 citations	17405 63 h-index	21474 114 g-index
286 all docs	286 docs citations	286 times ranked	9522 citing authors

#	Article	IF	Citations
1	Sites of alcohol and volatile anaesthetic action on GABAA and glycine receptors. Nature, 1997, 389, 385-389.	13.7	1,201
2	The Anesthetic Mechanism of Urethane: The Effects on Neurotransmitter-Gated Ion Channels. Anesthesia and Analgesia, 2002, 94, 313-318.	1.1	388
3	Gene Coexpression Networks in Human Brain Identify Epigenetic Modifications in Alcohol Dependence. Journal of Neuroscience, 2012, 32, 1884-1897.	1.7	368
4	Gene Expression in Human Alcoholism: Microarray Analysis of Frontal Cortex. Alcoholism: Clinical and Experimental Research, 2000, 24, 1873-1882.	1.4	366
5	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, 6368-6373.	3.3	349
6	Nicotine addiction and comorbidity with alcohol abuse and mental illness. Nature Neuroscience, 2005, 8, 1465-1470.	7.1	342
7	Patterns of gene expression are altered in the frontal and motor cortices of human alcoholics. Journal of Neurochemistry, 2002, 81, 802-813.	2.1	292
8	The Anesthetic Mechanism of Urethane: The Effects on Neurotransmitter-Gated Ion Channels. Anesthesia and Analgesia, 2002, 94, 313-318.	1.1	291
9	Inhaled Anesthetics and Immobility: Mechanisms, Mysteries, and Minimum Alveolar Anesthetic Concentration. Anesthesia and Analgesia, 2003, 97, 718-740.	1.1	265
10	Patterns of Gene Expression in the Frontal Cortex Discriminate Alcoholic from Nonalcoholic Individuals. Neuropsychopharmacology, 2006, 31, 1574-1582.	2.8	253
11	ANESTHETICS ANDIONCHANNELS: Molecular Models and Sites of Action. Annual Review of Pharmacology and Toxicology, 2001, 41, 23-51.	4.2	231
12	Alcohol-related genes: contributions from studies with genetically engineered mice. Addiction Biology, 2006, 11, 195-269.	1.4	230
13	G-protein-coupled inwardly rectifying potassium channels are targets of alcohol action. Nature Neuroscience, 1999, 2, 1084-1090.	7.1	217
14	Neuroimmune regulation of alcohol consumption: behavioral validation of genes obtained from genomic studies. Addiction Biology, 2012, 17, 108-120.	1.4	212
15	Ethanolâ€™s Molecular Targets. Science Signaling, 2008, 1, re7.	1.6	209
16	Actions of anesthetics on ligandâ€gated ion channels: role of receptor subunit composition. FASEB Journal, 1995, 9, 1454-1462.	0.2	194
17	Enhancement of homomeric glycine receptor function by longchain alcohols and anaesthetics. British Journal of Pharmacology, 1996, 119, 1331-1336.	2.7	188
18	Localization of PPAR isotypes in the adult mouse and human brain. Scientific Reports, 2016, 6, 27618.	1.6	188

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19	Î³-Aminobutyric Acid Type A Receptors and Alcoholism. Archives of General Psychiatry, 2006, 63, 957.	13.8	181
20	Up-Regulation of MicroRNAs in Brain of Human Alcoholics. Alcoholism: Clinical and Experimental Research, 2011, 35, 1928-1937.	1.4	174
21	Preclinical studies of alcohol binge drinking. Annals of the New York Academy of Sciences, 2011, 1216, 24-40.	1.8	172
22	Neuroimmune signaling: a key component of alcohol abuse. Current Opinion in Neurobiology, 2013, 23, 513-520.	2.0	171
23	GABAA receptors and alcohol. Pharmacology Biochemistry and Behavior, 2008, 90, 90-94.	1.3	163
24	The Î´ Subunit of Î³-Aminobutyric Acid Type A Receptors Does Not Confer Sensitivity to Low Concentrations of Ethanol. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 1360-1368.	1.3	158
25	Ethanol Actions on Multiple Ion Channels: Which Are Important?. Alcoholism: Clinical and Experimental Research, 1999, 23, 1563-1570.	1.4	155
26	Î³-Aminobutyric acid A receptor subunit mutant mice: new perspectives on alcohol actions. Biochemical Pharmacology, 2004, 68, 1581-1602.	2.0	150
27	Perturbation of chemokine networks by gene deletion alters the reinforcing actions of ethanol. Behavioural Brain Research, 2005, 165, 110-125.	1.2	132
28	Neuroimmune Mechanisms of Alcohol and Drug Addiction. International Review of Neurobiology, 2014, 118, 1-12.	0.9	130
29	Role of Endocannabinoids in Alcohol Consumption and Intoxication: Studies of Mice Lacking Fatty Acid Amide Hydrolase. Neuropsychopharmacology, 2007, 32, 1570-1582.	2.8	126
30	Structural basis for potentiation by alcohols and anaesthetics in a ligand-gated ion channel. Nature Communications, 2013, 4, 1697.	5.8	126
31	Enhancement of Glycine Receptor Function by Ethanol Is Inversely Correlated with Molecular Volume at Position Î±267. Journal of Biological Chemistry, 1998, 273, 3314-3319.	1.6	123
32	Gene expression profiling of individual cases reveals consistent transcriptional changes in alcoholic human brain. Journal of Neurochemistry, 2004, 90, 1050-1058.	2.1	120
33	Alcohol intoxication: ion channels and genetics. FASEB Journal, 1989, 3, 1689-1695.	0.2	117
34	Aminophospholipid Asymmetry in Murine Synaptosomal Plasma Membrane. Journal of Neurochemistry, 1980, 34, 269-277.	2.1	114
35	Chronic Ethanol Treatment Alters Brain Levels of ?-Aminobutyric AcidAReceptor Subunit mRNAs: Relationship to Genetic Differences in Ethanol Withdrawal Seizure Severity. Journal of Neurochemistry, 1991, 57, 1452-1455.	2.1	112
36	Effects of Ethanol and Anesthetics on Type 1 and 5 Metabotropic Glutamate Receptors Expressed inXenopus laevisOocytes. Molecular Pharmacology, 1998, 53, 148-156.	1.0	112

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37	Amygdala Transcriptome and Cellular Mechanisms Underlying Stress-Enhanced Fear Learning in a Rat Model of Posttraumatic Stress Disorder. Neuropsychopharmacology, 2010, 35, 1402-1411.	2.8	112
38	Positively correlated miRNA-mRNA regulatory networks in mouse frontal cortex during early stages of alcohol dependence. BMC Genomics, 2013, 14, 725.	1.2	112
39	Deletion of the Î±1 or Î²2 Subunit of GABAAReceptors Reduces Actions of Alcohol and Other Drugs. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 30-36.	1.3	110
40	Ethanol Increases GABAA Responses in Cells Stably Transfected with Receptor Subunits. Alcoholism: Clinical and Experimental Research, 1995, 19, 226-232.	1.4	108
41	Metabotropic glutamate receptor 5 (mGluR5) regulation of ethanol sedation, dependence and consumption: relationship to acamprosate actions. International Journal of Neuropsychopharmacology, 2008, 11, 775-93.	1.0	108
42	Molecular Profiles of Drinking Alcohol to Intoxication in C57BL/6J Mice. Alcoholism: Clinical and Experimental Research, 2011, 35, 659-670.	1.4	106
43	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, 12149-12154.	3.3	102
44	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.	1.1	96
45	Discrete changes in brain calcium with morphine analgesia, tolerance-dependence, and abstinence. Life Sciences, 1977, 20, 501-505.	2.0	95
46	Chronic Ethanol Exposure Produces Time- and Brain Region-Dependent Changes in Gene Coexpression Networks. PLoS ONE, 2015, 10, e0121522.	1.1	92
47	Effects of Anesthetics on Mutant N-Methyl-d-Aspartate Receptors Expressed in Xenopus Oocytes. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 434-443.	1.3	89
48	Neuroimmune Pathways in Alcohol Consumption: Evidence from Behavioral and Genetic Studies in Rodents and Humans. International Review of Neurobiology, 2014, 118, 13-39.	0.9	88
49	Peroxisome Proliferatorâ€Activated Receptors Î± and Î³ are Linked with Alcohol Consumption in Mice and Withdrawal and Dependence in Humans. Alcoholism: Clinical and Experimental Research, 2015, 39, 136-145.	1.4	85
50	Membrane Disordering by Anesthetic Drugs: Relationship to Synaptosomal Sodium and Calcium Fluxes. Journal of Neurochemistry, 1985, 44, 1274-1281.	2.1	84
51	Alcohol dependence: molecular and behavioral evidence. Trends in Pharmacological Sciences, 2014, 35, 317-323.	4.0	84
52	Anaesthetic concentrations of alcohols potentiate GABAA receptor-mediated currents: lack of subunit specificity. European Journal of Pharmacology, 1994, 268, 209-214.	2.7	81
53	Reduced alcohol consumption in mice lacking preprodynorphin. Alcohol, 2006, 40, 73-86.	0.8	79
54	PPAR agonists regulate brain gene expression: Relationship to their effects on ethanol consumption. Neuropharmacology, 2014, 86, 397-407.	2.0	77

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55	Neuroadaptations in Human Chronic Alcoholics: Dysregulation of the NF-Î¹B System. PLoS ONE, 2007, 2, e930.	1.1	75
56	Ethanol, Flunitrazepam, and Pentobarbital Modulation of GABAAReceptors Expressed in Mammalian Cells andXenopusOocytes. Alcoholism: Clinical and Experimental Research, 1997, 21, 444-451.	1.4	72
57	Genetic and Pharmacologic Manipulation of TLR4 Has Minimal Impact on Ethanol Consumption in Rodents. Journal of Neuroscience, 2017, 37, 1139-1155.	1.7	72
58	Chronic ethanol increases liver plasma membrane fluidity. Biochemistry, 1985, 24, 3114-3120.	1.2	71
59	Effect of Isoflurane and Other Potent Inhaled Anesthetics on Minimum Alveolar Concentration, Learning, and the Righting Reflex in Mice Engineered to Express Î±1Î³-Aminobutyric Acid Type A Receptors Unresponsive to Isoflurane. Anesthesiology, 2007, 106, 107-113.	1.3	70
60	GIRK2 deficient mice. Physiology and Behavior, 2001, 74, 109-117.	1.0	69
61	Epigenetic modulation of brain gene networks for cocaine and alcohol abuse. Frontiers in Neuroscience, 2015, 9, 176.	1.4	69
62	Microglia Control Escalation of Drinking in Alcohol-Dependent Mice: Genomic and Synaptic Drivers. Biological Psychiatry, 2020, 88, 910-921.	0.7	68
63	Effects of Alcohols and Anesthetics on Recombinant Voltage-Gated Na+ Channels. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 987-994.	1.3	67
64	Tryptophan scanning mutagenesis in TM2 of the GABAA receptor Î± subunit: effects on channel gating and regulation by ethanol. British Journal of Pharmacology, 2000, 131, 296-302.	2.7	66
65	Interacting amino acid replacements allow poison frogs to evolve epibatidine resistance. Science, 2017, 357, 1261-1266.	6.0	65
66	Neuroadaptive Responses to Chronic Ethanol. Alcoholism: Clinical and Experimental Research, 1991, 15, 460-470.	1.4	63
67	Glycine Receptors Mediate Part of the Immobility Produced by Inhaled Anesthetics. Anesthesia and Analgesia, 2003, 96, 97-101.	1.1	63
68	Alcohol's effects on brain and behavior. Alcohol Research, 2010, 33, 127-43.	1.0	63
69	Studies of ethanol actions on recombinant Î´-containing Î³-aminobutyric acid type A receptors yield contradictory results. Alcohol, 2007, 41, 155-162.	0.8	62
70	Subunit mutations affect ethanol actions on GABAA receptors expressed in Xenopus oocytes. British Journal of Pharmacology, 1999, 127, 377-382.	2.7	61
71	Hypothesis. Anesthesia and Analgesia, 1997, 84, 915-918.	1.1	60
72	Altered Gene Expression Profiles in the Frontal Cortex of Cirrhotic Alcoholics. Alcoholism: Clinical and Experimental Research, 2007, 31, 1460-1466.	1.4	60

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73	Inhibition of phosphodiesterase 4 reduces ethanol intake and preference in C57BL/6J mice. Frontiers in Neuroscience, 2014, 8, 129.	1.4	59
74	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, 313-325.	0.4	58
75	Application of DNA microarrays to study human alcoholism. Journal of Biomedical Science, 2001, 8, 28-36.	2.6	57
76	Ethanol Consumption in Mice Lacking CD14, TLR2, TLR4, or MyD88. Alcoholism: Clinical and Experimental Research, 2017, 41, 516-530.	1.4	57
77	Chronic ethanol consumption: role of <scp>TLR3/TRIF</scp>â€dependent signaling. Addiction Biology, 2018, 23, 889-903.	1.4	57
78	The Application of Proteomics to the Human Alcoholic Brain. Annals of the New York Academy of Sciences, 2004, 1025, 14-26.	1.8	56
79	Genes and Alcohol Consumption. International Review of Neurobiology, 2016, 126, 293-355.	0.9	56
80	How Much Alcohol Should I Use in My Experiments?. Alcoholism: Clinical and Experimental Research, 1996, 20, 1-2.	1.4	55
81	Amino Acid Volume and Hydropathy of a Transmembrane Site Determine Glycine and Anesthetic Sensitivity of Glycine Receptors. Journal of Biological Chemistry, 1999, 274, 23006-23012.	1.6	54
82	Transcriptional Signatures of Cellular Plasticity in Mice Lacking the Â1 Subunit of GABAA Receptors. Journal of Neuroscience, 2006, 26, 5673-5683.	1.7	54
83	Activation of Calcium-Phospholipid-Dependent Protein Kinase Enhances Benzodiazepine and Barbiturate Potentiation of the GABAAReceptor. Journal of Neurochemistry, 1993, 60, 1972-1975.	2.1	53
84	Sites of Volatile Anesthetic Action on Kainate (Glutamate Receptor 6) Receptors. Journal of Biological Chemistry, 1998, 273, 8248-8255.	1.6	53
85	Sites of Excitatory and Inhibitory Actions of Alcohols on Neuronal Â2Â4 Nicotinic Acetylcholine Receptors. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 42-52.	1.3	53
86	Cyclic AMP-Dependent Protein Kinase Decreases ?-Aminobutyric AcidAReceptor-Mediated36Q1?Uptake by Brain Microsacs. Journal of Neurochemistry, 1991, 57, 722-725.	2.1	52
87	Channel Gating of the Glycine Receptor Changes Accessibility to Residues Implicated in Receptor Potentiation by Alcohols and Anesthetics. Journal of Biological Chemistry, 2004, 279, 33919-33927.	1.6	52
88	Molecular basis of alcoholism. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 125, 89-111.	1.0	52
89	Effects of Ethanol on Membrane Order: Fluorescence Studies. Annals of the New York Academy of Sciences, 1987, 492, 125-135.	1.8	51
90	Î²3-Containing Gamma-Aminobutyric AcidA Receptors Are Not Major Targets for the Amnesic and Immobilizing Actions of Isoflurane. Anesthesia and Analgesia, 2005, 101, 412-418.	1.1	50

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91	Seeking Structural Specificity: Direct Modulation of Pentameric Ligand-Gated Ion Channels by Alcohols and General Anesthetics. Pharmacological Reviews, 2014, 66, 396-412.	7.1	50
92	GABAA Receptors Containing Ï‚ Subunits Contribute to In Vivo Effects of Ethanol in Mice. PLoS ONE, 2014, 9, e85525.	1.1	50
93	Relevant Concentrations of Inhaled Anesthetics for In VitroÂ Studies of Anesthetic Mechanisms. Anesthesiology, 2001, 94, 915-921.	1.3	49
94	Glycine Receptor Knock-In Mice and Hyperekplexia-Like Phenotypes: Comparisons with the Null Mutant. Journal of Neuroscience, 2003, 23, 8051-8059.	1.7	49
95	Behavioral and Genetic Evidence for GIRK Channels in the CNS. International Review of Neurobiology, 2015, 123, 279-313.	0.9	49
96	Molecular Determinants of General Anesthetic Action: Role of GABAAReceptor Structure. Journal of Neurochemistry, 1993, 60, 1548-1553.	2.1	48
97	FMRP regulates an ethanol-dependent shift in GABABR function and expression with rapid antidepressant properties. Nature Communications, 2016, 7, 12867.	5.8	48
98	Enflurane inhibits NMDA, AMPA, and kainateâ€induced currents in Xenopus oocytes expressing mouse and human brain mRNA. FASEB Journal, 1993, 7, 479-485.	0.2	47
99	Minimum Alveolar Anesthetic Concentration of Fluorinated Alkanols in Rats. Anesthesia and Analgesia, 1999, 88, 867-876.	1.1	47
100	Gamma-Aminobutyric AcidA Receptors Do Not Mediate the Immobility Produced by Isoflurane. Anesthesia and Analgesia, 2004, 99, 85-90.	1.1	47
101	Benzodiazepine Treatment Causes Uncoupling of Recombinant GABA_A Receptors Expressed in Stably Transfected Cells. Journal of Neurochemistry, 1994, 63, 2349-2352.	2.1	46
102	Sites of Excitatory and Inhibitory Actions of Alcohols on Neuronal Î±2Î²4 Nicotinic Acetylcholine Receptors. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 42-52.	1.3	46
103	Glycine Receptors Mediate Part of the Immobility Produced by Inhaled Anesthetics. Anesthesia and Analgesia, 2003, 96, 97-101.	1.1	45
104	Mice lacking metabotropic glutamate receptor 4 do not show the motor stimulatory effect of ethanol. Alcohol, 2004, 34, 251-259.	0.8	45
105	Hybrid C57BL/6J ?? FVB/NJ Mice Drink More Alcohol than Do C57BL/6J Mice. Alcoholism: Clinical and Experimental Research, 2005, 29, 1949-1958.	1.4	44
106	Î´-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, 158-162.	1.7	44
107	Knockin Mice with Ethanol-Insensitive Î±1-Containing Î³-Aminobutyric Acid Type A Receptors Display Selective Alterations in Behavioral Responses to Ethanol. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 219-227.	1.3	44
108	n-Alcohols Inhibit Voltage-Gated Na⁺ Channels Expressed in Xenopus Oocytes. Journal of Pharmacology and Experimental Therapeutics, 2008, 326, 270-277.	1.3	44

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109	Innate immune factors modulate ethanol interaction with GABAergic transmission in mouse central amygdala. Brain, Behavior, and Immunity, 2014, 40, 191-202.	2.0	44
110	Glial gene networks associated with alcohol dependence. Scientific Reports, 2019, 9, 10949.	1.6	44
111	Cerebellar GABA B receptors modulate function of GABA A receptors. FASEB Journal, 1991, 5, 2466-2472.	0.2	43
112	Deletion of the Fyn-Kinase Gene Alters Behavioral Sensitivity to Ethanol. Alcoholism: Clinical and Experimental Research, 2003, 27, 1033-1040.	1.4	43
113	Toll-like receptor 3 activation increases voluntary alcohol intake in C57BL/6J male mice. Brain, Behavior, and Immunity, 2019, 77, 55-65.	2.0	43
114	Alteration of alcohol effects by calcium and other inorganic cations. Pharmacology Biochemistry and Behavior, 1979, 10, 527-534.	1.3	42
115	Effects of 5-HT3 receptor antagonists on binding and function of mouse and human GABAA receptors. European Journal of Pharmacology, 1994, 268, 237-246.	2.7	42
116	The Cytoskeleton and Neurotransmitter Receptors. International Review of Neurobiology, 1996, 39, 113-143.	0.9	42
117	Glycine receptor Î±3 and Î±2 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.	3.3	42
118	Genetic differences in coupling of benzodiazepine receptors to chloride channels. Brain Research, 1989, 490, 26-32.	1.1	41
119	A Transmembrane Site Determines Sensitivity of Neuronal Nicotinic Acetylcholine Receptors to General Anesthetics. Journal of Biological Chemistry, 2000, 275, 40879-40886.	1.6	41
120	Alcohol-Binding Sites in Distinct Brain Proteins: The Quest for Atomic Level Resolution. Alcoholism: Clinical and Experimental Research, 2011, 35, no-no.	1.4	41
121	Genetic selection for benzodiazepine ataxia produces functional changes in the Î³-aminobutyric acid receptor chloride channel complex. Brain Research, 1988, 452, 118-126.	1.1	40
122	Ethanol-Induced Changes in Chloride Flux are Mediated by Both GABAA and GABAB Receptors. Alcoholism: Clinical and Experimental Research, 1991, 15, 233-237.	1.4	40
123	Proteomic Approaches and Identification of Novel Therapeutic Targets for Alcoholism. Neuropsychopharmacology, 2014, 39, 104-130.	2.8	40
124	Possible Substrates of Ethanol Reinforcement: GABA and Dopamine. Annals of the New York Academy of Sciences, 1992, 654, 61-69.	1.8	39
125	Enhancement of glycine receptor function by ethanol: role of phosphorylation. British Journal of Pharmacology, 1998, 125, 263-270.	2.7	39
126	Behavioural changes produced by transgenic overexpression of Î³2L and Î³2S subunits of the GABAAreceptor. European Journal of Neuroscience, 2000, 12, 2634-2638.	1.2	39

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127	Alcohol Actions on GABAA Receptors: From Protein Structure to Mouse Behavior. Alcoholism: Clinical and Experimental Research, 2001, 25, 76S-81S.	1.4	39
128	Functional and Structural Analysis of the GABAA Receptor Î±1 Subunit during Channel Gating and Alcohol Modulation. Journal of Biological Chemistry, 2005, 280, 308-316.	1.6	39
129	Genome-Wide Expression Profiles Drive Discovery of Novel Compounds that Reduce Binge Drinking in Mice. Neuropsychopharmacology, 2018, 43, 1257-1266.	2.8	39
130	Neuronal membrane lipid asymmetry. Life Sciences, 1979, 24, 395-399.	2.0	38
131	Acute Effects of Ethanol on Pharmacologically Isolated Kainate Receptors in Cerebellar Granule Neurons: Comparison with NMDA and AMPA Receptors. Journal of Neurochemistry, 1998, 71, 1777-1780.	2.1	38
132	Minimum Alveolar Anesthetic Concentration of Fluorinated Alkanols in Rats. Anesthesia and Analgesia, 1999, 88, 867-876.	1.1	37
133	Microglial-specific transcriptome changes following chronic alcohol consumption. Neuropharmacology, 2018, 128, 416-424.	2.0	37
134	Effects of Ethanol on Recombinant Glycine Receptors Expressed in Mammalian Cell Lines. Alcoholism: Clinical and Experimental Research, 1998, 22, 1132-1136.	1.4	36
135	Rescue of Î²2 subunit-deficient mice by transgenic overexpression of the GABAAreceptor Î²2S or Î²2L subunit isoforms. European Journal of Neuroscience, 2000, 12, 2639-2643.	1.2	36
136	Ethanol-sensitive Sites on the Human Dopamine Transporter. Journal of Biological Chemistry, 2002, 277, 30724-30729.	1.6	36
137	Sites of Alcohol and Volatile Anesthetic Action on Glycine Receptors. International Review of Neurobiology, 2005, 65, 53-87.	0.9	36
138	DNA modifications in models of alcohol use disorders. Alcohol, 2017, 60, 19-30.	0.8	36
139	Molecular Mechanism for the Dual Alcohol Modulation of Cys-loop Receptors. PLoS Computational Biology, 2012, 8, e1002710.	1.5	35
140	Behavioral Characterization of Knockin Mice with Mutations M287L and Q266I in the Glycine Receptor Î±1 Subunit. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 317-329.	1.3	35
141	The Neuroimmune Basis of Excessive Alcohol Consumption. Neuropsychopharmacology, 2017, 42, 376-376.	2.8	35
142	Astrocyte-specific transcriptome responses to chronic ethanol consumption. Pharmacogenomics Journal, 2018, 18, 578-589.	0.9	35
143	Differential effects of GABAergic ligands in mouse and rat hippocampal neurons. Brain Research, 1994, 647, 97-105.	1.1	34
144	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, 1-14.	1.2	34

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145	Mutation of the inhibitory ethanol site in GABA A Ï1 receptors promotes tolerance to ethanol-induced motor incoordination. Neuropharmacology, 2017, 123, 201-209.	2.0	34
146	CNS cell-type localization and LPS response of TLR signaling pathways. F1000Research, 2017, 6, 1144.	0.8	34
147	Chemical kindling decreases GABA-activated chloride channels of mouse brain. European Journal of Pharmacology, 1989, 160, 101-106.	1.7	33
148	Dynaminâ€1 coâ€associates with native mouse brain BK_{Ca} channels: Proteomics analysis of synaptic protein complexes. FEBS Letters, 2010, 584, 845-851.	1.3	33
149	Toll-like receptor 4 (Tlr4) knockout rats produced by transcriptional activator-like effector nuclease (TALEN)-mediated gene inactivation. Alcohol, 2013, 47, 595-599.	0.8	33
150	Glycine Receptors ContainingÎ±2 orÎ±3 Subunits Regulate Specific Ethanol-Mediated Behaviors. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 181-191.	1.3	33
151	Long-term ethanol exposure: Temporal pattern of microRNA expression and associated mRNA gene networks in mouse brain. PLoS ONE, 2018, 13, e0190841.	1.1	32
152	Synaptic adaptations by alcohol and drugs of abuse: changes in microRNA expression and mRNA regulation. Frontiers in Molecular Neuroscience, 2014, 7, 85.	1.4	31
153	Inhibition of IKKÎ² Reduces Ethanol Consumption in C57BL/6J Mice. ENeuro, 2016, 3, ENEURO.0256-16.2016.	0.9	31
154	From Gene to Behavior and Back Again: New Perspectives on GABAA Receptor Subunit Selectivity of Alcohol Actions1. Advances in Pharmacology, 2006, 54, 171-203.	1.2	30
155	Effects of Acamprosate on Neuronal Receptors and Ion Channels Expressed in Xenopus Oocytes. Alcoholism: Clinical and Experimental Research, 2008, 32, 188-196.	1.4	30
156	Altered Gamma-Aminobutyric Acid Type B Receptor Subunit 1 Splicing In Alcoholics. Biological Psychiatry, 2014, 75, 765-773.	0.7	30
157	Cross-linking of glycine receptor transmembrane segments two and three alters coupling of ligand binding with channel opening. Journal of Neurochemistry, 2004, 90, 962-969.	2.1	29
158	The neuroimmune transcriptome and alcohol dependence: potential for targeted therapies. Pharmacogenomics, 2016, 17, 2081-2096.	0.6	29
159	Sedative and Motor Incoordination Effects of Ethanol in Mice Lacking CD14, TLR2, TLR4, or MyD88. Alcoholism: Clinical and Experimental Research, 2017, 41, 531-540.	1.4	29
160	Toll-like receptor 3 dynamics in female C57BL/6J mice: Regulation of alcohol intake. Brain, Behavior, and Immunity, 2019, 77, 66-76.	2.0	29
161	Behavioral and biochemical effects of chronic consumption of ethanol by hamsters. Pharmacology Biochemistry and Behavior, 1979, 10, 343-347.	1.3	28
162	Accessibility to residues in transmembrane segment four of the glycine receptor. Neuropharmacology, 2006, 50, 174-181.	2.0	28

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163	PPAR Agonists: II. Fenofibrate and Tesaglitazar Alter Behaviors Related to Voluntary Alcohol Consumption. Alcoholism: Clinical and Experimental Research, 2016, 40, 563-571.	1.4	28
164	Dissecting Brain Networks Underlying Alcohol Binge Drinking Using a Systems Genomics Approach. Molecular Neurobiology, 2019, 56, 2791-2810.	1.9	28
165	Actions of Fluorinated Alkanols on GABAA Receptors. Anesthesia and Analgesia, 1999, 88, 877-883.	1.1	27
166	Deletion of the fyn-Kinase Gene Alters Sensitivity to GABAergic Drugs: Dependence on Î²2/Î²3 GABAA Receptor Subunits. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 1154-1159.	1.3	27
167	Blockade of the Leptin-Sensitive Pathway Markedly Reduces Alcohol Consumption in Mice. Alcoholism: Clinical and Experimental Research, 2004, 28, 1683-1692.	1.4	27
168	Synaptic proteome changes in the superior frontal gyrus and occipital cortex of the alcoholic brain. Proteomics - Clinical Applications, 2009, 3, 730-742.	0.8	27
169	Mechanistic insights into epigenetic modulation of ethanol consumption. Alcohol, 2017, 60, 95-101.	0.8	27
170	Modulation of ?-Aminobutyric AcidAReceptor-Operated Chloride Channels by Benzodiazepine Inverse Agonists Is Related to Genetic Differences in Ethanol Withdrawal Seizure Severity. Journal of Neurochemistry, 1991, 57, 2100-2105.	2.1	26
171	Crossâ€linking of sites involved with alcohol action between transmembrane segments 1 and 3 of the glycine receptor following activation. Journal of Neurochemistry, 2008, 104, 1649-1662.	2.1	26
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