Fulton T Crews

List of Publications by Year in Descending Order

232 papers	16,840 citations	69 h-index	124 g-index
260 ext. papers	18,762 ext. citations	5.6 avg, IF	7 L-index

#	Paper	IF	Citations
232	Cholinergic and Neuroimmune Signaling Interact to Impact Adult Hippocampal Neurogenesis and Alcohol Pathology Across Development.. *Frontiers in Pharmacology*, **2022**, 13, 849997	5.6	1
231	Increased alcohol self-administration following repeated Toll-like receptor 3 agonist treatment in male and female rats.. *Pharmacology Biochemistry and Behavior*, **2022**, 173379	3.9	0
230	The Toll-like receptor 7 agonist imiquimod increases ethanol self-administration and induces expression of Toll-like receptor related genes.. *Addiction Biology*, **2022**, 27, e13176	4.6	0
229	Hippocampal TNF-death receptors, caspase cell death cascades, and IL-8 in alcohol use disorder. *Molecular Psychiatry*, **2021**, 26, 2254-2262	15.1	11
228	The role of sex in the persistent effects of adolescent alcohol exposure on behavior and neurobiology in rodents. *International Review of Neurobiology*, **2021**, 160, 305-340	4.4	3
227	The persistent impact of adolescent binge alcohol on adult brain structural, cellular, and behavioral pathology: A role for the neuroimmune system and epigenetics. *International Review of Neurobiology*, **2021**, 160, 1-44	4.4	1
226	TRAIL Mediates Neuronal Death in AUD: A Link between Neuroinflammation and Neurodegeneration. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	6
225	Expression of Oligodendrocyte and Oligoprogenitor Cell Proteins in Frontal Cortical White and Gray Matter: Impact of Adolescent Development and Ethanol Exposure. *Frontiers in Pharmacology*, **2021**, 12, 651418	5.6	1
224	Long-lasting microbial dysbiosis and altered enteric neurotransmitters in adult rats following adolescent binge ethanol exposure. *Addiction Biology*, **2021**, 26, e12869	4.6	2
223	Microglial depletion and repopulation: a new era of regenerative medicine?. *Neural Regeneration Research*, **2021**, 16, 1204-1205	4.5	3
222	Loss of Basal Forebrain Cholinergic Neurons Following Adolescent Binge Ethanol Exposure: Recovery With the Cholinesterase Inhibitor Galantamine. *Frontiers in Behavioral Neuroscience*, **2021**, 15, 652494	3.5	9
221	Extracellular microvesicles promote microglia-mediated pro-inflammatory responses to ethanol. *Journal of Neuroscience Research*, **2021**, 99, 1940-1956	4.4	13
220	Increased Toll-like Receptor-MyD88-NFB-Proinflammatory neuroimmune signaling in the orbitofrontal cortex of humans with alcohol use disorder. *Alcoholism: Clinical and Experimental Research*, **2021**, 45, 1747-1761	3.7	5
219	Galantamine prevents and reverses neuroimmune induction and loss of adult hippocampal neurogenesis following adolescent alcohol exposure. *Journal of Neuroinflammation*, **2021**, 18, 212	10.1	1
218	An isotropic EPI database and analytical pipelines for rat brain resting-state fMRI. *NeuroImage*, **2021**, 243, 118541	7.9	7
217	Adolescent Alcohol Exposure Produces Protracted Cognitive-Behavioral Impairments in Adult Male and Female Rats. *Brain Sciences*, **2020**, 10,	3.4	13
216	Adolescent alcohol exposure increases orexin-A/hypocretin-1 in the anterior hypothalamus. *Alcohol* , **2020**, 88, 65-72	2.7	2

215	Microglial depletion and repopulation in brain slice culture normalizes sensitized proinflammatory signaling. *Journal of Neuroinflammation*, **2020**, 17, 27	10.1	24
214	Neuroimmune and epigenetic mechanisms underlying persistent loss of hippocampal neurogenesis following adolescent intermittent ethanol exposure. *Current Opinion in Pharmacology*, **2020**, 50, 9-16	5.1	18
213	Neuroimmune and epigenetic involvement in adolescent binge ethanol-induced loss of basal forebrain cholinergic neurons: Restoration with voluntary exercise. *Addiction Biology*, **2020**, 25, e12731	4.6	26
212	Ethanol Induction of Innate Immune Signals Across BV2 Microglia and SH-SY5Y Neuroblastoma Involves Induction of IL-4 and IL-13. *Brain Sciences*, **2019**, 9,	3.4	5
211	The Cortical Neuroimmune Regulator TANK Affects Emotional Processing and Enhances Alcohol Drinking: A Translational Study. *Cerebral Cortex*, **2019**, 29, 1736-1751	5.1	6
210	Changes in Neuroimmune and Neuronal Death Markers after Adolescent Alcohol Exposure in Rats are Reversed by Donepezil. *Scientific Reports*, **2019**, 9, 12110	4.9	18
209	Mechanisms of Persistent Neurobiological Changes Following Adolescent Alcohol Exposure: NADIA Consortium Findings. *Alcoholism: Clinical and Experimental Research*, **2019**, 43, 1806-1822	3.7	57
208	Ethanol induces interferon expression in neurons via TRAIL: role of astrocyte-to-neuron signaling. *Psychopharmacology*, **2019**, 236, 2881-2897	4.7	7
207	The Toll-Like Receptor 3 Agonist Poly(I:C) Induces Rapid and Lasting Changes in Gene Expression Related to Glutamatergic Function and Increases Ethanol Self-Administration in Rats. *Alcoholism: Clinical and Experimental Research*, **2019**, 43, 48-60	3.7	14
206	Acute Ethanol Inhibition of Adult Hippocampal Neurogenesis Involves CB1 Cannabinoid Receptor Signaling. *Alcoholism: Clinical and Experimental Research*, **2018**, 42, 718-726	3.7	10
205	Innate Immune Signaling and Alcohol Use Disorders. *Handbook of Experimental Pharmacology*, **2018** , 248, 369-396	3.2	42
204	Adolescent alcohol exposure decreases frontostriatal resting-state functional connectivity in adulthood. *Addiction Biology*, **2018**, 23, 810-823	4.6	39
203	Persistent Adult Neuroimmune Activation and Loss of Hippocampal Neurogenesis Following Adolescent Ethanol Exposure: Blockade by Exercise and the Anti-inflammatory Drug Indomethacin. *Frontiers in Neuroscience*, **2018**, 12, 200	5.1	45
202	TLR7-let-7 Signaling Contributes to Ethanol-Induced Hepatic Inflammatory Response in Mice and in Alcoholic Hepatitis. *Alcoholism: Clinical and Experimental Research*, **2018**, 42, 2107-2122	3.7	14
201	HMGB1/IL-1□complexes in plasma microvesicles modulate immune responses to burn injury. *PLoS ONE*, **2018**, 13, e0195335	3.7	17
200	HMGB1/IL-1□complexes regulate neuroimmune responses in alcoholism. *Brain, Behavior, and Immunity*, **2018**, 72, 61-77	16.6	38
199	Adolescent binge ethanol-induced loss of basal forebrain cholinergic neurons and neuroimmune activation are prevented by exercise and indomethacin. *PLoS ONE*, **2018**, 13, e0204500	3.7	35
198	Stress and Alcohol Priming of Brain Toll-Like Receptor Signaling in Alcohol Use Disorder. *Alcohol and Alcoholism*, **2018**, 53, 639-641	3.5	7

197	The role of neuroimmune signaling in alcoholism. *Neuropharmacology*, **2017**, 122, 56-73	5.5	147
196	Toll-like receptor signaling and stages of addiction. *Psychopharmacology*, **2017**, 234, 1483-1498	4.7	87
195	Ethanol, TLR3, and TLR4 Agonists Have Unique Innate Immune Responses in Neuron-Like SH-SY5Y and Microglia-Like BV2. *Alcoholism: Clinical and Experimental Research*, **2017**, 41, 939-954	3.7	49
194	Microglial-derived miRNA let-7 and HMGB1 contribute to ethanol-induced neurotoxicity via TLR7. *Journal of Neuroinflammation*, **2017**, 14, 22	10.1	104
193	Alcohol and Stress Activation of Microglia and Neurons: Brain Regional Effects. *Alcoholism: Clinical and Experimental Research*, **2017**, 41, 2066-2081	3.7	33
192	Microglial depletion alters the brain neuroimmune response to acute binge ethanol withdrawal. *Journal of Neuroinflammation*, **2017**, 14, 86	10.1	77
191	Adult rat cortical thickness changes across age and following adolescent intermittent ethanol treatment. *Addiction Biology*, **2017**, 22, 712-723	4.6	38
190	Adolescent intermittent ethanol reduces serotonin expression in the adult raphe nucleus and upregulates innate immune expression that is prevented by exercise. *Brain, Behavior, and Immunity*, **2017**, 60, 333-345	16.6	26
189	Binge-Like Alcohol Exposure During Adolescence Disrupts Dopaminergic Neurotransmission in the Adult Prelimbic Cortex. *Neuropsychopharmacology*, **2017**, 42, 1024-1036	8.7	61
188	Persistent Decreases in Adult Subventricular and Hippocampal Neurogenesis Following Adolescent Intermittent Ethanol Exposure. *Frontiers in Behavioral Neuroscience*, **2017**, 11, 151	3.5	22
187	Mechanisms of neuroimmune gene induction in alcoholism. *Psychopharmacology*, **2016**, 233, 1543-57	4.7	129
186	Diffusion tensor imaging reveals adolescent binge ethanol-induced brain structural integrity alterations in adult rats that correlate with behavioral dysfunction. *Addiction Biology*, **2016**, 21, 939-53	4.6	43
185	A role for histone acetylation mechanisms in adolescent alcohol exposure-induced deficits in hippocampal brain-derived neurotrophic factor expression and neurogenesis markers in adulthood. *Brain Structure and Function*, **2016**, 221, 4691-4703	4	79
184	LPS-TLR4 Pathway Mediates Ductular Cell Expansion in Alcoholic Hepatitis. *Scientific Reports*, **2016**, 6, 35610	4.9	19
183	Adolescent Alcohol Exposure Persistently Impacts Adult Neurobiology and Behavior. *Pharmacological Reviews*, **2016**, 68, 1074-1109	22.5	166
182	Adolescent intermittent ethanol exposure enhances ethanol activation of the nucleus accumbens while blunting the prefrontal cortex responses in adult rat. *Neuroscience*, **2015**, 293, 92-108	3.9	38
181	Binge ethanol exposure during adolescence leads to a persistent loss of neurogenesis in the dorsal and ventral hippocampus that is associated with impaired adult cognitive functioning. *Frontiers in Neuroscience*, **2015**, 9, 35	5.1	104
180	Adolescent Intermittent Alcohol Exposure: Deficits in Object Recognition Memory and Forebrain Cholinergic Markers. *PLoS ONE*, **2015**, 10, e0140042	3.7	30

179	Neuroimmune Function and the Consequences of Alcohol Exposure **2015**, 37, 331-41, 344-51		74
178	Glutamate/NMDA excitotoxicity and HMGB1/TLR4 neuroimmune toxicity converge as components of neurodegeneration. *AIMS Molecular Science*, **2015**, 2, 77-100	0.9	13
177	Adolescent intermittent ethanol exposure is associated with increased risky choice and decreased dopaminergic and cholinergic neuron markers in adult rats. *International Journal of Neuropsychopharmacology*, **2014**, 18,	5.8	49
176	Current hypotheses on the mechanisms of alcoholism. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2014**, 125, 477-97	3	46
175	Adolescent binge ethanol treatment alters adult brain regional volumes, cortical extracellular matrix protein and behavioral flexibility. *Pharmacology Biochemistry and Behavior*, **2014**, 116, 142-51	3.9	108
174	Adolescent, but not adult, binge ethanol exposure leads to persistent global reductions of choline acetyltransferase expressing neurons in brain. *PLoS ONE*, **2014**, 9, e113421	3.7	63
173	Release of neuronal HMGB1 by ethanol through decreased HDAC activity activates brain neuroimmune signaling. *PLoS ONE*, **2014**, 9, e87915	3.7	114
172	Neuroimmune basis of alcoholic brain damage. *International Review of Neurobiology*, **2014**, 118, 315-57	4.4	88
171	Focal thalamic degeneration from ethanol and thiamine deficiency is associated with neuroimmune gene induction, microglial activation, and lack of monocarboxylic acid transporters. *Alcoholism: Clinical and Experimental Research*, **2014**, 38, 657-71	3.7	26
170	Persistent loss of hippocampal neurogenesis and increased cell death following adolescent, but not adult, chronic ethanol exposure. *Developmental Neuroscience*, **2014**, 36, 297-305	2.2	67
169	Increased receptor for advanced glycation end product expression in the human alcoholic prefrontal cortex is linked to adolescent drinking. *Neurobiology of Disease*, **2013**, 59, 52-62	7.5	97
168	High mobility group box 1/Toll-like receptor danger signaling increases brain neuroimmune activation in alcohol dependence. *Biological Psychiatry*, **2013**, 73, 602-12	7.9	180
167	Periadolescent ethanol vapor exposure persistently reduces measures of hippocampal neurogenesis that are associated with behavioral outcomes in adulthood. *Neuroscience*, **2013**, 244, 1-15	3.9	63
166	NADPH oxidase and aging drive microglial activation, oxidative stress, and dopaminergic neurodegeneration following systemic LPS administration. *Glia*, **2013**, 61, 855-68	9	181
165	Peri-adolescent ethanol vapor exposure produces reductions in hippocampal volume that are correlated with deficits in prepulse inhibition of the startle. *Alcoholism: Clinical and Experimental Research*, **2013**, 37, 1466-75	3.7	33
164	The cytokine mRNA increase induced by withdrawal from chronic ethanol in the sterile environment of brain is mediated by CRF and HMGB1 release. *Alcoholism: Clinical and Experimental Research*, **2013**, 37, 2086-97	3.7	57
163	Comparison of magnetic resonance imaging in live vs. post mortem rat brains. *PLoS ONE*, **2013**, 8, e71027	3.7	30
162	Innate Immune Signaling and Alcoholism **2013**, 251-278		1

161	ATP-P2X7 receptor signaling controls basal and TNF-stimulated glial cell proliferation. *Glia*, **2012**, 60, 661-73	9	37
160	Chronic ethanol increases systemic TLR3 agonist-induced neuroinflammation and neurodegeneration. *Journal of Neuroinflammation*, **2012**, 9, 130	10.1	126
159	Postnatal day 7 ethanol treatment causes persistent reductions in adult mouse brain volume and cortical neurons with sex specific effects on neurogenesis. *Alcohol*, **2012**, 46, 603-12	2.7	44
158	Adolescent binge drinking increases expression of the danger signal receptor agonist HMGB1 and Toll-like receptors in the adult prefrontal cortex. *Neuroscience*, **2012**, 226, 475-88	3.9	125
157	NADPH oxidase and reactive oxygen species contribute to alcohol-induced microglial activation and neurodegeneration. *Journal of Neuroinflammation*, **2012**, 9, 5	10.1	177
156	Inflammasome-IL-1-Signaling Mediates Ethanol Inhibition of Hippocampal Neurogenesis. *Frontiers in Neuroscience*, **2012**, 6, 77	5.1	90
155	Induction of innate immune genes in brain create the neurobiology of addiction. *Brain, Behavior, and Immunity*, **2011**, 25 Suppl 1, S4-S12	16.6	226
154	Verapamil protects dopaminergic neuron damage through a novel anti-inflammatory mechanism by inhibition of microglial activation. *Neuropharmacology*, **2011**, 60, 373-80	5.5	44
153	Periadolescent ethanol exposure reduces adult forebrain ChAT+IR neurons: correlation with behavioral pathology. *Neuroscience*, **2011**, 199, 333-45	3.9	64
152	Addiction, adolescence, and innate immune gene induction. *Frontiers in Psychiatry*, **2011**, 2, 19	5	35
151	Associations between heavy drinking and changes in impulsive behavior among adolescent boys. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 295-303	3.7	64
150	Adolescent binge drinking alters adult brain neurotransmitter gene expression, behavior, brain regional volumes, and neurochemistry in mice. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 671-88	3.7	127
149	Chronically Implanted, Nafion-Coated Ag/AgCl Reference Electrodes for Neurochemical Applications. *ACS Chemical Neuroscience*, **2011**, 2, 658-666	5.7	48
148	Automatic Skull-stripping of Rat MRI/DTI Scans and Atlas Building. *Proceedings of SPIE*, **2011**, 7962, 7962251-7962257	2.7	17
147	Automatic cortical thickness analysis on rodent brain. *Proceedings of SPIE*, **2011**, 7962, 7962481-7962481-11	1.7	11
146	Long-term suppression of forebrain neurogenesis and loss of neuronal progenitor cells following prolonged alcohol dependence in rats. *International Journal of Neuropsychopharmacology*, **2010**, 13, 583-93	5.8	61
145	Induction of innate immune gene expression cascades in brain slice cultures by ethanol: key role of NF-B and proinflammatory cytokines. *Alcoholism: Clinical and Experimental Research*, **2010**, 34, 777-89	3.7	122
144	Abstinence following alcohol drinking produces depression-like behavior and reduced hippocampal neurogenesis in mice. *Neuropsychopharmacology*, **2009**, 34, 1209-22	8.7	108

143	Deficits in adult prefrontal cortex neurons and behavior following early post-natal NMDA antagonist treatment. *Pharmacology Biochemistry and Behavior*, **2009**, 93, 322-30	3.9	35
142	Impulsivity, frontal lobes and risk for addiction. *Pharmacology Biochemistry and Behavior*, **2009**, 93, 237-47	3.9	455
141	Abstinence from moderate alcohol self-administration alters progenitor cell proliferation and differentiation in multiple brain regions of male and female P rats. *Alcoholism: Clinical and Experimental Research*, **2009**, 33, 129-38	3.7	27
140	Mechanisms of neurodegeneration and regeneration in alcoholism. *Alcohol and Alcoholism*, **2009**, 44, 115-27	3.5	412
139	Distinct cell proliferation events during abstinence after alcohol dependence: microglia proliferation precedes neurogenesis. *Neurobiology of Disease*, **2008**, 31, 218-29	7.5	87
138	Increased systemic and brain cytokine production and neuroinflammation by endotoxin following ethanol treatment. *Journal of Neuroinflammation*, **2008**, 5, 10	10.1	369
137	1H NMR-based metabolomic analysis of liver, serum, and brain following ethanol administration in rats. *Chemical Research in Toxicology*, **2008**, 21, 408-20	4	42
136	Endotoxin induces a delayed loss of TH-IR neurons in substantia nigra and motor behavioral deficits. *NeuroToxicology*, **2008**, 29, 864-70	4.4	53
135	Increased MCP-1 and microglia in various regions of the human alcoholic brain. *Experimental Neurology*, **2008**, 210, 349-58	5.7	363
134	What is a Stem Cell?. *Novartis Foundation Symposium*, **2008**, 3-19		1
133	Alcohol-related neurodegeneration and recovery: mechanisms from animal models. *Alcohol Research*, **2008**, 31, 377-88		18
132	Systemic LPS causes chronic neuroinflammation and progressive neurodegeneration. *Glia*, **2007**, 55, 453-62	5	1449
131	Neurogenesis decreases during brain maturation from adolescence to adulthood. *Pharmacology Biochemistry and Behavior*, **2007**, 86, 327-33	3.9	123
130	Adolescent cortical development: a critical period of vulnerability for addiction. *Pharmacology Biochemistry and Behavior*, **2007**, 86, 189-99	3.9	756
129	Neurogenesis in adolescent brain is potently inhibited by ethanol. *Neuroscience*, **2006**, 137, 437-45	3.9	194
128	Alcohol and Neurodegeneration. *CNS Neuroscience & Therapeutics*, **2006**, 5, 379-394		32
127	BHT blocks NF-kappaB activation and ethanol-induced brain damage. *Alcoholism: Clinical and Experimental Research*, **2006**, 30, 1938-49	3.7	153
126	Proton nuclear magnetic resonance spectroscopic determination of ethanol-induced formation of ethyl glucuronide in liver. *Analytical Biochemistry*, **2006**, 358, 185-91	3.1	17

125	CREB and NF-kappaB transcription factors regulate sensitivity to excitotoxic and oxidative stress induced neuronal cell death. *Cellular and Molecular Neurobiology*, **2006**, 26, 385-405	4.6	128
124	Chronic alcohol exposure reduces hippocampal neurogenesis and dendritic growth of newborn neurons. *European Journal of Neuroscience*, **2005**, 21, 2711-20	3.5	140
123	Alcoholic neurobiology: changes in dependence and recovery. *Alcoholism: Clinical and Experimental Research*, **2005**, 29, 1504-13	3.7	99
122	TNF alpha potentiates glutamate neurotoxicity by inhibiting glutamate uptake in organotypic brain slice cultures: neuroprotection by NF kappa B inhibition. *Brain Research*, **2005**, 1034, 11-24	3.7	323
121	Temporally specific burst in cell proliferation increases hippocampal neurogenesis in protracted abstinence from alcohol. *Journal of Neuroscience*, **2004**, 24, 9714-22	6.6	184
120	Sweet liking, novelty seeking, and gender predict alcoholic status. *Alcoholism: Clinical and Experimental Research*, **2004**, 28, 1291-8	3.7	70
119	Exercise reverses ethanol inhibition of neural stem cell proliferation. *Alcohol*, **2004**, 33, 63-71	2.7	96
118	Binge ethanol treatment causes greater brain damage in alcohol-preferring P rats than in alcohol-nonpreferring NP rats. *Alcoholism: Clinical and Experimental Research*, **2003**, 27, 1075-82	3.7	31
117	Alcohol withdrawal increases neuropeptide Y immunoreactivity in rat brain. *Alcoholism: Clinical and Experimental Research*, **2003**, 27, 1173-83	3.7	70
116	Association between sweet preference and paternal history of alcoholism in psychiatric and substance abuse patients. *Alcoholism: Clinical and Experimental Research*, **2003**, 27, 1929-36	3.7	46
115	Alcohol, neural stem cells, and adult neurogenesis. *Alcohol Research*, **2003**, 27, 197-204		35
114	Cognitive deficits and CNS damage after a 4-day binge ethanol exposure in rats. *Pharmacology Biochemistry and Behavior*, **2002**, 72, 521-32	3.9	197
113	Binge ethanol exposure decreases neurogenesis in adult rat hippocampus. *Journal of Neurochemistry*, **2002**, 83, 1087-93	6	351
112	Binge Ethanol Exposure in Adult Rats Causes Necrotic Cell Death. *Alcoholism: Clinical and Experimental Research*, **2002**, 26, 547-557	3.7	185
111	Binge Ethanol Exposure in Adult Rats Causes Necrotic Cell Death **2002**, 26, 547		5
110	Interaction of nutrition and binge ethanol treatment on brain damage and withdrawal. *Journal of Biomedical Science*, **2001**, 8, 134-42	13.3	12
109	Deep-level transient spectroscopy studies of silicon detectors after 24GeV proton irradiation and 1MeV neutron irradiation. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2001**, 457, 588-594	1.2	30
108	Effects of nicotine on ethanol dependence and brain damage. *Alcohol*, **2001**, 24, 45-54	2.7	67

107	Regional Specificity Of Ethanol and NMDA Action in Brain Revealed With FOS-Like Immunohistochemistry and Differential Routes of Drug Administration. *Alcoholism: Clinical and Experimental Research*, **2001**, 25, 1662-1672	3.7	51
106	Summary Report of a Symposium: Genes and Gene Delivery for Diseases of Alcoholism. *Alcoholism: Clinical and Experimental Research*, **2001**, 25, 1778-1800	3.7	6
105	Neurotoxicity and Neurocognitive Impairments With Alcohol and Drug-Use Disorders: Potential Roles in Addiction and Recovery. *Alcoholism: Clinical and Experimental Research*, **2001**, 25, 317-321	3.7	47
104	Interaction of nutrition and binge ethanol treatment on brain damage and withdrawal **2001**, 8, 134		0
103	Binge Ethanol Consumption Causes Differential Brain Damage in Young Adolescent Rats Compared With Adult Rats. *Alcoholism: Clinical and Experimental Research*, **2000**, 24, 1712-1723	3.7	358
102	Effects of NMDA and ferrous sulfate on oxidation and cell death in primary neuronal cultures. *Neurochemistry International*, **2000**, 37, 497-507	4.4	7
101	Binge Ethanol Consumption Causes Differential Brain Damage in Young Adolescent Rats Compared With Adult Rats **2000**, 24, 1712		5
100	Pharmacological treatment of alcohol dependence: a review of the evidence. *JAMA - Journal of the American Medical Association*, **1999**, 281, 1318-25	27.4	346
99	Suppression of Alcohol Intake by Chronic Naloxone Treatment in P Rats: Tolerance Development and Elevation of Opiate Receptor Binding. *Alcoholism: Clinical and Experimental Research*, **1999**, 23, 1761-1771	3.7	41
98	Ethanol Pretreatment Enhances NMDA Excitotoxicity in Biogenic Amine Neurons: Protection by Brain Derived Neurotrophic Factor. *Alcoholism: Clinical and Experimental Research*, **1999**, 23, 1834-1842	3.7	16
97	Induction of Cyclooxygenase-2 in Brain During Acute and Chronic Ethanol Treatment and Ethanol Withdrawal. *Alcoholism: Clinical and Experimental Research*, **1999**, 23, 633-643	3.7	95
96	Induction of Cyclooxygenase-2 in Brain During Acute and Chronic Ethanol Treatment and Ethanol Withdrawal. *Alcoholism: Clinical and Experimental Research*, **1999**, 23, 633	3.7	27
95	Ethanol Pretreatment Enhances NMDA Excitotoxicity in Biogenic Amine Neurons. *Alcoholism: Clinical and Experimental Research*, **1999**, 23, 1834	3.7	2
94	Induction of Fos-Like Proteins and Ultrasonic Vocalizations during Ethanol Withdrawal: Further Evidence for Withdrawal-Induced Anxiety. *Alcoholism: Clinical and Experimental Research*, **1998**, 22, 481-493	3.7	55
93	Effects of Chronic Ethanol Exposure on Oxidation and NMDA-Stimulated Neuronal Death in Primary Cortical Neuronal Cultures. *Alcoholism: Clinical and Experimental Research*, **1998**, 22, 2080-2085	3.7	12
92	Brain 5-HT1A receptor autoradiography and hypothermic responses in rats bred for differences in 8-OH-DPAT sensitivity. *Brain Research*, **1998**, 782, 1-10	3.7	39
91	Ethanol, stroke, brain damage, and excitotoxicity. *Pharmacology Biochemistry and Behavior*, **1998**, 59, 981-91	3.9	43
90	Species differences in regional patterns of 3H-8-OH-DPAT and 3H-zolpidem binding in the rat and human brain. *Pharmacology Biochemistry and Behavior*, **1998**, 60, 439-48	3.9	28

89	Ethanol tolerance and synaptic plasticity. *Trends in Pharmacological Sciences*, **1998**, 19, 491-5	13.2	112
88	Uncoupling of muscarinic cholinergic phosphoinositide signals in senescent cerebral cortical and hippocampal membranes. *Neurochemistry International*, **1998**, 32, 107-15	4.4	20
87	Use of a multiwell fluorescence scanner with propidium iodide to assess NMDA mediated excitotoxicity in rat cortical neuronal cultures. *Neuroscience Letters*, **1997**, 221, 149-52	3.3	19
86	Chronic ethanol increases N-methyl-D-aspartate-stimulated nitric oxide formation but not receptor density in cultured cortical neurons. *Molecular Pharmacology*, **1997**, 51, 733-40	4.3	117
85	NMDA Receptor Binding in Adult Rat Brain after Several Chronic Ethanol Treatment Protocols. *Alcoholism: Clinical and Experimental Research*, **1997**, 21, 1508-1519	3.7	51
84	Inferior collicular seizure generalization produces site-selective cortical induction of cyclooxygenase 2 (COX-2). *Brain Research*, **1997**, 767, 370-4	3.7	16
83	Freudian suspicion versus suspicion of Freud. *Annals of the New York Academy of Sciences*, **1996**, 775, 470-82	6.5	1
82	The Verdict on Freud. *Psychological Science*, **1996**, 7, 63-68	7.9	39
81	Effects of ethanol on ion channels. *International Review of Neurobiology*, **1996**, 39, 283-367	4.4	226
80	□amyloid amplifies PLC activity and Ca2+ signalling in fully differentiated brain cells of adult mice. *Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis*, **1996**, 3, 234-241	2.7	4
79	Further selection of rat lines differing in 5-HT-1A receptor sensitivity: behavioral and functional correlates. *Psychiatric Genetics*, **1996**, 6, 107-17	2.9	62
78	Age-related loss of cholinergic-muscarinic coupling to PLC: comparison with changes in brain regional PLC subtypes mRNA distribution. *Brain Research*, **1996**, 708, 143-52	3.7	19
77	Age does not alter Protein kinase C isozymes mRNA expression in rat brain. *Neurochemical Research* , **1995**, 20, 1119-26	4.6	5
76	Amyloid beta protein disruption of cholinergic and growth factor phospholipase C signals could underlie cognitive and neurodegerative aspects of Alzheimer‡s disease. *Neurobiology of Aging*, **1994** , 15 Suppl 2, S95-6	5.6	3
75	Cholinergic and serotonergic stimulation of phosphoinositide hydrolysis is decreased in Alzheimer‡s disease. *Life Sciences*, **1994**, 55, 1993-2002	6.8	33
74	Ethanol enhances the endothelial nitric oxide synthase response to agonists. *Hypertension*, **1993**, 21, 939-43	8.5	75
73	Activation of phosphatidylinositol 3-kinase and phosphatidylinositol 4-kinase during rat parotid acinar cell proliferation. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1993**, 1178, 40-8	4.9	9
72	Ethanol inhibits NMDA receptor-mediated excitotoxicity in rat primary neuronal cultures. *Alcoholism: Clinical and Experimental Research*, **1993**, 17, 54-60	3.7	105

71	Synthesis and binding studies of an optically pure hexadeoxy-1,4,5-tris(methylenesulfonic acid) analogue of IP3. *Tetrahedron Letters*, **1993**, 34, 219-222	2	9
70	Radio-label and mass determinations of inositol 1,3,4,5-tetrakisphosphate formation in rat cerebral cortical slices: differential effects of myo-inositol. *Neurochemical Research*, **1993**, 18, 639-45	4.6	
69	Chronic ethanol exposure potentiates NMDA excitotoxicity in cerebral cortical neurons. *Journal of Neurochemistry*, **1993**, 60, 1578-81	6	176
68	Insulin stimulates phosphatidylinositol 3-kinase activity in rat neuronal primary cultures. *Journal of Neurochemistry*, **1993**, 61, 360-3	6	11
67	Epstein-Barr virus infectivity of Raji and Molt 4 cells: differences in cellular membrane lipids and apparent microviscosity. *Virology*, **1993**, 195, 121-31	3.6	7
66	Actions and Interactions of Cholinergic and Excitatory Aminoacid Receptors on Phosphoinositide Signals, Excitotoxicity and Neuroplasticity **1993**, 115-121		
65	Molecular Mechanisms of Alcohol Neurotoxicity **1993**, 123-138		1
64	Expedient synthetic routes to [3H]-D-3-azido-3-deoxy-myo-inositol and D-3-azido-3-deoxy-myo-inositol 2,4,5-trisphosphate. *Journal of the Chemical Society Chemical Communications*, **1992**, 362		10
63	Angiotensin II receptor subtypes play opposite roles in regulating phosphatidylinositol hydrolysis in rat skin slices. *Biochemical and Biophysical Research Communications*, **1992**, 186, 285-92	3.4	36
62	Decreased carbachol-stimulated inositol 1,3,4,5-tetrakisphosphate formation in senescent rat cerebral cortical slices. *Neurobiology of Aging*, **1992**, 13, 521-6	5.6	17
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