

Fulton T Crews

List of Publications by Year in descending order

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Version: 2024-02-01

245
papers

20,425
citations

10351

72
h-index

11899

134
g-index

262
all docs

262
docs citations

262
times ranked

14126
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic LPS causes chronic neuroinflammation and progressive neurodegeneration. <i>Glia</i> , 2007, 55, 453-462.	2.5	1,778
2	Adolescent cortical development: A critical period of vulnerability for addiction. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 189-199.	1.3	894
3	Impulsivity, frontal lobes and risk for addiction. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 237-247.	1.3	539
4	Mechanisms of Neurodegeneration and Regeneration in Alcoholism. <i>Alcohol and Alcoholism</i> , 2009, 44, 115-127.	0.9	488
5	Increased systemic and brain cytokine production and neuroinflammation by endotoxin following ethanol treatment. <i>Journal of Neuroinflammation</i> , 2008, 5, 10.	3.1	437
6	Increased MCP-1 and microglia in various regions of the human alcoholic brain. <i>Experimental Neurology</i> , 2008, 210, 349-358.	2.0	428
7	Binge Ethanol Consumption Causes Differential Brain Damage in Young Adolescent Rats Compared With Adult Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1712-1723.	1.4	425
8	Binge ethanol exposure decreases neurogenesis in adult rat hippocampus. <i>Journal of Neurochemistry</i> , 2002, 83, 1087-1093.	2.1	403
9	Pharmacological Treatment of Alcohol Dependence. <i>JAMA - Journal of the American Medical Association</i> , 1999, 281, 1318.	3.8	401
10	TNF α potentiates glutamate neurotoxicity by inhibiting glutamate uptake in organotypic brain slice cultures: neuroprotection by NF κ B inhibition. <i>Brain Research</i> , 2005, 1034, 11-24.	1.1	361
11	Presynaptic alpha-receptor subsensitivity after long-term antidepressant treatment. <i>Science</i> , 1978, 202, 322-324.	6.0	326
12	Effects of Ethanol on Ion Channels. <i>International Review of Neurobiology</i> , 1996, 39, 283-367.	0.9	270
13	Induction of innate immune genes in brain create the neurobiology of addiction. <i>Brain, Behavior, and Immunity</i> , 2011, 25, S4-S12.	2.0	266
14	Adolescent Alcohol Exposure Persistently Impacts Adult Neurobiology and Behavior. <i>Pharmacological Reviews</i> , 2016, 68, 1074-1109.	7.1	258
15	Neurogenesis in adolescent brain is potently inhibited by ethanol. <i>Neuroscience</i> , 2006, 137, 437-445.	1.1	236
16	High Mobility Group Box 1/Toll-like Receptor Danger Signaling Increases Brain Neuroimmune Activation in Alcohol Dependence. <i>Biological Psychiatry</i> , 2013, 73, 602-612.	0.7	233
17	Cognitive deficits and CNS damage after a 4-day binge ethanol exposure in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 72, 521-532.	1.3	232
18	Binge Ethanol Exposure in Adult Rats Causes Necrotic Cell Death. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 547-557.	1.4	228

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19	The role of neuroimmune signaling in alcoholism. <i>Neuropharmacology</i> , 2017, 122, 56-73.	2.0	225
20	NADPH oxidase and aging drive microglial activation, oxidative stress, and dopaminergic neurodegeneration following systemic LPS administration. <i>Glia</i> , 2013, 61, 855-868.	2.5	219
21	NADPH oxidase and reactive oxygen species contribute to alcohol-induced microglial activation and neurodegeneration. <i>Journal of Neuroinflammation</i> , 2012, 9, 5.	3.1	216
22	Identification and Properties of Methyltransferases That Synthesize Phosphatidylcholine in Rat Brain Synaptosomes. <i>Journal of Neurochemistry</i> , 1980, 34, 1491-1498.	2.1	211
23	Temporally Specific Burst in Cell Proliferation Increases Hippocampal Neurogenesis in Protracted Abstinence from Alcohol. <i>Journal of Neuroscience</i> , 2004, 24, 9714-9722.	1.7	207
24	Chronic Ethanol Exposure Potentiates NMDA Excitotoxicity in Cerebral Cortical Neurons. <i>Journal of Neurochemistry</i> , 1993, 60, 1578-1581.	2.1	201
25	Mechanisms of neuroimmune gene induction in alcoholism. <i>Psychopharmacology</i> , 2016, 233, 1543-1557.	1.5	180
26	BHT Blocks NF- κ B activation and Ethanol-Induced Brain Damage. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1938-1949.	1.4	179
27	Adolescent Binge Drinking Alters Adult Brain Neurotransmitter Gene Expression, Behavior, Brain Regional Volumes, and Neurochemistry in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 671-688.	1.4	174
28	Microglial-derived miRNA let-7 and HMGB1 contribute to ethanol-induced neurotoxicity via TLR7. <i>Journal of Neuroinflammation</i> , 2017, 14, 22.	3.1	166
29	Chronic alcohol exposure reduces hippocampal neurogenesis and dendritic growth of newborn neurons. <i>European Journal of Neuroscience</i> , 2005, 21, 2711-2720.	1.2	162
30	Chronic ethanol increases systemic TLR3 agonist-induced neuroinflammation and neurodegeneration. <i>Journal of Neuroinflammation</i> , 2012, 9, 130.	3.1	160
31	Adolescent binge drinking increases expression of the danger signal receptor agonist HMGB1 and toll-like receptors in the adult prefrontal cortex. <i>Neuroscience</i> , 2012, 226, 475-488.	1.1	152
32	Neurogenesis decreases during brain maturation from adolescence to adulthood. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 327-333.	1.3	149
33	Adolescent binge ethanol treatment alters adult brain regional volumes, cortical extracellular matrix protein and behavioral flexibility. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 116, 142-151.	1.3	147
34	Induction of Innate Immune Gene Expression Cascades in Brain Slice Cultures by Ethanol: Key Role of NF- κ B and Proinflammatory Cytokines. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 777-789.	1.4	142
35	CREB and NF- κ B Transcription Factors Regulate Sensitivity to Excitotoxic and Oxidative Stress Induced Neuronal Cell Death. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 383-403.	1.7	141
36	Release of Neuronal HMGB1 by Ethanol through Decreased HDAC Activity Activates Brain Neuroimmune Signaling. <i>PLoS ONE</i> , 2014, 9, e87915.	1.1	137

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37	Concanavalin A stimulates phospholipid methylation and phosphatidylserine decarboxylation in rat mast cells.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 4813-4816.	3.3	136
38	Alcoholic Neurobiology: Changes In Dependence and Recovery. Alcoholism: Clinical and Experimental Research, 2005, 29, 1504-1513.	1.4	135
39	Chronic Ethanol Increases <i>N</i> -Methyl-d-Aspartate-Stimulated Nitric Oxide Formation but Not Receptor Density in Cultured Cortical Neurons. Molecular Pharmacology, 1997, 51, 733-740.	1.0	130
40	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.	1.4	128
41	Guanine nucleotides stimulate production of inositol trisphosphate in rat cortical membranes. Biochemical Journal, 1985, 232, 799-804.	1.7	127
42	Abstinence following Alcohol Drinking Produces Depression-Like Behavior and Reduced Hippocampal Neurogenesis in Mice. Neuropsychopharmacology, 2009, 34, 1209-1222.	2.8	126
43	Toll-like receptor signaling and stages of addiction. Psychopharmacology, 2017, 234, 1483-1498.	1.5	124
44	Neuroimmune Basis of Alcoholic Brain Damage. International Review of Neurobiology, 2014, 118, 315-357.	0.9	123
45	Acceleration of $\hat{1}^2$ -receptor desensitization in combined administration of antidepressants and phenoxybenzamine. Nature, 1981, 290, 787-789.	13.7	122
46	Ethanol tolerance and synaptic plasticity. Trends in Pharmacological Sciences, 1998, 19, 491-495.	4.0	122
47	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.	2.1	117
48	Ethanol Inhibits NMDA Receptor-Mediated Excitotoxicity in Rat Primary Neuronal Cultures. Alcoholism: Clinical and Experimental Research, 1993, 17, 54-60.	1.4	114
49	Mechanisms of Persistent Neurobiological Changes Following Adolescent Alcohol Exposure: NADIA Consortium Findings. Alcoholism: Clinical and Experimental Research, 2019, 43, 1806-1822.	1.4	114
50	Microglial depletion alters the brain neuroimmune response to acute binge ethanol withdrawal. Journal of Neuroinflammation, 2017, 14, 86.	3.1	111
51	Phospholipid methylation affects immunoglobulin E-mediated histamine and arachidonic acid release in rat leukemic basophils. Biochemical and Biophysical Research Communications, 1980, 93, 42-49.	1.0	109
52	IgE-mediated histamine release in rat basophilic leukemia cells: Receptor activation, phospholipid methylation, Ca ²⁺ flux, and release of arachidonic acid. Archives of Biochemistry and Biophysics, 1981, 212, 561-571.	1.4	109
53	Inflammasome-IL-1 $\hat{2}$ Signaling Mediates Ethanol Inhibition of Hippocampal Neurogenesis. Frontiers in Neuroscience, 2012, 6, 77.	1.4	108
54	Induction of Cyclooxygenase-2 in Brain During Acute and Chronic Ethanol Treatment and Ethanol Withdrawal. Alcoholism: Clinical and Experimental Research, 1999, 23, 633-643.	1.4	106

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55	Distinct cell proliferation events during abstinence after alcohol dependence: Microglia proliferation precedes neurogenesis. <i>Neurobiology of Disease</i> , 2008, 31, 218-229.	2.1	102
56	Exercise reverses ethanol inhibition of neural stem cell proliferation. <i>Alcohol</i> , 2004, 33, 63-71.	0.8	101
57	Cholinergic- and Adrenergic-Stimulated Inositide Hydrolysis in Brain: Interaction, Regional Distribution, and Coupling Mechanisms. <i>Journal of Neurochemistry</i> , 1985, 45, 1076-1084.	2.1	100
58	A role for histone acetylation mechanisms in adolescent alcohol exposure-induced deficits in hippocampal brain-derived neurotrophic factor expression and neurogenesis markers in adulthood. <i>Brain Structure and Function</i> , 2016, 221, 4691-4703.	1.2	100
59	Effects of a Novel Compound (AL 721) on HTLV-III Infectivity in Vitro. <i>New England Journal of Medicine</i> , 1985, 313, 1289-1290.	13.9	97
60	Alcohol Withdrawal Increases Neuropeptide Y Immunoreactivity in Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 1173-1183.	1.4	88
61	Binge-Like Alcohol Exposure During Adolescence Disrupts Dopaminergic Neurotransmission in the Adult Prelimbic Cortex. <i>Neuropsychopharmacology</i> , 2017, 42, 1024-1036.	2.8	85
62	Persistent Loss of Hippocampal Neurogenesis and Increased Cell Death following Adolescent, but Not Adult, Chronic Ethanol Exposure. <i>Developmental Neuroscience</i> , 2014, 36, 297-305.	1.0	84
63	Ethanol enhances the endothelial nitric oxide synthase response to agonists.. <i>Hypertension</i> , 1993, 21, 939-943.	1.3	82
64	Adolescent, but Not Adult, Binge Ethanol Exposure Leads to Persistent Global Reductions of Choline Acetyltransferase Expressing Neurons in Brain. <i>PLoS ONE</i> , 2014, 9, e113421.	1.1	82
65	Neuroimmune Function and the Consequences of Alcohol Exposure. , 2015, 37, 331-41, 344-51.		82
66	Effects of aging on rat cortical presynaptic cholinergic processes. <i>Neurobiology of Aging</i> , 1984, 5, 315-317.	1.5	80
67	Phospholipase activation in the IgE-mediated and Ca ²⁺ ionophore A23187-induced release of histamine from rat basophilic leukemia cells. <i>Archives of Biochemistry and Biophysics</i> , 1981, 212, 572-580.	1.4	79
68	Periadolescent ethanol vapor exposure persistently reduces measures of hippocampal neurogenesis that are associated with behavioral outcomes in adulthood. <i>Neuroscience</i> , 2013, 244, 1-15.	1.1	79
69	Sweet Liking, Novelty Seeking, and Gender Predict Alcoholic Status. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 1291-1298.	1.4	77
70	Effects of nicotine on ethanol dependence and brain damage. <i>Alcohol</i> , 2001, 24, 45-54.	0.8	75
71	Periadolescent ethanol exposure reduces adult forebrain ChAT+IR neurons: correlation with behavioral pathology. <i>Neuroscience</i> , 2011, 199, 333-345.	1.1	75
72	Biochemical changes of rat brain membranes with aging. <i>Neurochemical Research</i> , 1983, 8, 483-492.	1.6	74

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73	Induction of Fos-Like Proteins and Ultrasonic Vocalizations during Ethanol Withdrawal: Further Evidence for Withdrawal-Induced Anxiety. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 481-493.	1.4	74
74	Long-term suppression of forebrain neurogenesis and loss of neuronal progenitor cells following prolonged alcohol dependence in rats. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 583-593.	1.0	73
75	Associations Between Heavy Drinking and Changes in Impulsive Behavior Among Adolescent Boys. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 295-303.	1.4	71
76	Further selection of rat lines differing in 5-HT-1A receptor sensitivity. <i>Psychiatric Genetics</i> , 1996, 6, 107-118.	0.6	69
77	Endotoxin induces a delayed loss of TH-IR neurons in substantia nigra and motor behavioral deficits. <i>NeuroToxicology</i> , 2008, 29, 864-870.	1.4	69
78	Distinct angiotensin II receptor in primary cultures of glial cells from rat brain.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 4655-4659.	3.3	68
79	The Cytokine mRNA Increase Induced by Withdrawal from Chronic Ethanol in the Sterile Environment of Brain is Mediated by CRF and HMGB1 Release. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 2086-2097.	1.4	68
80	Innate Immune Signaling and Alcohol Use Disorders. <i>Handbook of Experimental Pharmacology</i> , 2018, 248, 369-396.	0.9	63
81	Persistent Adult Neuroimmune Activation and Loss of Hippocampal Neurogenesis Following Adolescent Ethanol Exposure: Blockade by Exercise and the Anti-inflammatory Drug Indomethacin. <i>Frontiers in Neuroscience</i> , 2018, 12, 200.	1.4	61
82	Changes in cortical synaptosomal plasma membrane fluidity and composition in ethanol-dependent rats. <i>Psychopharmacology</i> , 1983, 81, 208-213.	1.5	60
83	Effects of verapamil on platelet aggregation, ATP release and thromboxane generation. <i>Thrombosis Research</i> , 1983, 30, 469-475.	0.8	60
84	Receptor-mediated inositide hydrolysis is a neuronal response: comparison of primary neuronal and glial cultures. <i>Brain Research</i> , 1985, 345, 350-355.	1.1	59
85	Adolescent Intermittent Ethanol Exposure Is Associated with Increased Risky Choice and Decreased Dopaminergic and Cholinergic Neuron Markers in Adult Rats. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	1.0	59
86	Adolescent alcohol exposure decreases frontostriatal resting-state functional connectivity in adulthood. <i>Addiction Biology</i> , 2018, 23, 810-823.	1.4	58
87	Microglial depletion and repopulation in brain slice culture normalizes sensitized proinflammatory signaling. <i>Journal of Neuroinflammation</i> , 2020, 17, 27.	3.1	58
88	Chronically Implanted, Nafion-Coated Ag/AgCl Reference Electrodes for Neurochemical Applications. <i>ACS Chemical Neuroscience</i> , 2011, 2, 658-666.	1.7	57
89	Diffusion tensor imaging reveals adolescent binge ethanol-induced brain structural integrity alterations in adult rats that correlate with behavioral dysfunction. <i>Addiction Biology</i> , 2016, 21, 939-953.	1.4	57
90	Ethanol, TLR_3 , and TLR_4 Agonists Have Unique Innate Immune Responses in Neuron-Like SH-SY5Y and Microglia-Like BV-2. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 939-954.	1.4	57

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91	NMDA Receptor Binding in Adult Rat Brain after Several Chronic Ethanol Treatment Protocols. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 1508-1519.	1.4	56
92	Neurotoxicity and Neurocognitive Impairments With Alcohol and Drug-Use Disorders: Potential Roles in Addiction and Recovery. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 317-321.	1.4	56
93	Verapamil protects dopaminergic neuron damage through a novel anti-inflammatory mechanism by inhibition of microglial activation. <i>Neuropharmacology</i> , 2011, 60, 373-380.	2.0	56
94	Current hypotheses on the mechanisms of alcoholism. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2014, 125, 477-497.	1.0	55
95	Regional Specificity Of Ethanol and NMDA Action in Brain Revealed With FOS-Like Immunohistochemistry and Differential Routes of Drug Administration. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 1662-1672.	1.4	54
96	Adolescent binge ethanol-induced loss of basal forebrain cholinergic neurons and neuroimmune activation are prevented by exercise and indomethacin. <i>PLoS ONE</i> , 2018, 13, e0204500.	1.1	53
97	Postnatal day 7 ethanol treatment causes persistent reductions in adult mouse brain volume and cortical neurons with sex specific effects on neurogenesis. <i>Alcohol</i> , 2012, 46, 603-612.	0.8	52
98	HMGB1/IL-1 β complexes regulate neuroimmune responses in alcoholism. <i>Brain, Behavior, and Immunity</i> , 2018, 72, 61-77.	2.0	51
99	The Verdict on Freud. <i>Psychological Science</i> , 1996, 7, 63-68.	1.8	50
100	Association Between Sweet Preference and Paternal History of Alcoholism in Psychiatric and Substance Abuse Patients. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 1929-1936.	1.4	50
101	Ethanol, Stroke, Brain Damage, and Excitotoxicity. <i>Pharmacology Biochemistry and Behavior</i> , 1998, 59, 981-991.	1.3	49
102	Neuroimmune and epigenetic involvement in adolescent binge ethanol-induced loss of basal forebrain cholinergic neurons: Restoration with voluntary exercise. <i>Addiction Biology</i> , 2020, 25, e12731.	1.4	49
103	Suppression of Alcohol Intake by Chronic Naloxone Treatment in P Rats: Tolerance Development and Elevation of Opiate Receptor Binding. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 1761-1771.	1.4	47
104	Alcohol and Stress Activation of Microglia and Neurons: Brain Regional Effects. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 2066-2081.	1.4	47
105	Adult rat cortical thickness changes across age and following adolescent intermittent ethanol treatment. <i>Addiction Biology</i> , 2017, 22, 712-723.	1.4	47
106	Calcium- Versus G Protein-Mediated Phosphoinositide Hydrolysis in Rat Cerebral Cortical Synaptoneurosome. <i>Journal of Neurochemistry</i> , 1990, 55, 1022-1030.	2.1	46
107	ATP γ receptor signaling controls basal and TNF α -stimulated glial cell proliferation. <i>Glia</i> , 2012, 60, 661-673.	2.5	46
108	Adolescent Intermittent ethanol exposure enhances ethanol activation of the nucleus accumbens while blunting the prefrontal cortex responses in adult rat. <i>Neuroscience</i> , 2015, 293, 92-108.	1.1	45

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109	Rat basophilic leukemia cell lines defective in phospholipid methyltransferase enzymes, Ca ²⁺ influx, and histamine release: reconstitution by hybridization.. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 6176-6180.	3.3	44
110	¹ H NMR-Based Metabolomic Analysis of Liver, Serum, and Brain Following Ethanol Administration in Rats. Chemical Research in Toxicology, 2008, 21, 408-420.	1.7	44
111	Alcohol and Neurodegeneration. CNS Neuroscience & Therapeutics, 1999, 5, 379-394.	4.0	43
112	Addiction, Adolescence, and Innate Immune Gene Induction. Frontiers in Psychiatry, 2011, 2, 19.	1.3	42
113	Phorbol esters inhibit agonist-stimulated phosphoinositide hydrolysis in neuronal primary cultures. Developmental Brain Research, 1987, 37, 59-66.	2.1	41
114	Brain 5-HT _{1A} receptor autoradiography and hypothermic responses in rats bred for differences in 8-OH-DPAT sensitivity. Brain Research, 1998, 782, 1-10.	1.1	41
115	TLR ⁷ Signaling Contributes to Ethanol-Induced Hepatic Inflammatory Response in Mice and in Alcoholic Hepatitis. Alcoholism: Clinical and Experimental Research, 2018, 42, 2107-2122.	1.4	41
116	Insulin-Like Growth Factor I Receptor Binding in Brains of Alzheimer's and Alcoholic Patients. Journal of Neurochemistry, 1992, 58, 1205-1210.	2.1	40
117	Alcohol, neural stem cells, and adult neurogenesis. Alcohol Research, 2003, 27, 197-204.	1.0	40
118	Cholinergic and serotonergic stimulation of phosphoinositide hydrolysis is decreased in Alzheimer's disease. Life Sciences, 1994, 55, 1993-2002.	2.0	39
119	Down-regulation of serotonin ₂ but not of beta-adrenergic receptors during chronic treatment with amitriptyline is independent of stimulation of serotonin ₂ and beta-adrenergic receptors. Neuropharmacology, 1986, 25, 1301-1306.	2.0	38
120	Angiotensin II receptor subtypes play opposite roles in regulating phosphatidylinositol hydrolysis in rat skin slices. Biochemical and Biophysical Research Communications, 1992, 186, 285-292.	1.0	38
121	Adolescent Intermittent Alcohol Exposure: Deficits in Object Recognition Memory and Forebrain Cholinergic Markers. PLoS ONE, 2015, 10, e0140042.	1.1	38
122	Comparison of Magnetic Resonance Imaging in Live vs. Post Mortem Rat Brains. PLoS ONE, 2013, 8, e71027.	1.1	38
123	Comparison of umbilical vein models for measurement of relative prostacyclin and thromboxane production. Prostaglandins, 1982, 24, 743-749.	1.2	37
124	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, 1075-1082.	1.4	37
125	Persistent Decreases in Adult Subventricular and Hippocampal Neurogenesis Following Adolescent Intermittent Ethanol Exposure. Frontiers in Behavioral Neuroscience, 2017, 11, 151.	1.0	37
126	Adolescent Alcohol Exposure Produces Protracted Cognitive-Behavioral Impairments in Adult Male and Female Rats. Brain Sciences, 2020, 10, 785.	1.1	37

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127	Deficits in adult prefrontal cortex neurons and behavior following early post-natal NMDA antagonist treatment. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 322-330.	1.3	36
128	Peri-Adolescent Ethanol Vapor Exposure Produces Reductions in Hippocampal Volume that are Correlated with Deficits in Prepulse Inhibition of the Startle. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1466-1475.	1.4	36
129	Adolescent intermittent ethanol reduces serotonin expression in the adult raphe nucleus and upregulates innate immune expression that is prevented by exercise. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 333-345.	2.0	36
130	Deep-level transient spectroscopy studies of silicon detectors after 24GeV proton irradiation and 1MeV neutron irradiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 457, 588-594.	0.7	35
131	Age dependent changes in the methylation of rat brain phospholipids. <i>Brain Research</i> , 1981, 229, 256-259.	1.1	33
132	Rapid down-regulation of serotonin ₂ receptor binding during combined administration of tricyclic antidepressant drugs and 5-HT ₂ antagonists. <i>Neuropharmacology</i> , 1983, 22, 1203-1209.	2.0	33
133	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. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 48-60.	1.4	33
134	HMGB1/IL-1 ^β complexes in plasma microvesicles modulate immune responses to burn injury. <i>PLoS ONE</i> , 2018, 13, e0195335.	1.1	33
135	Species Differences in Regional Patterns of 3H-8-OH-DPAT and 3H-Zolpidem Binding in the Rat and Human Brain. <i>Pharmacology Biochemistry and Behavior</i> , 1998, 60, 439-448.	1.3	32
136	Changes in Neuroimmune and Neuronal Death Markers after Adolescent Alcohol Exposure in Rats are Reversed by Donepezil. <i>Scientific Reports</i> , 2019, 9, 12110.	1.6	32
137	Induction of Cyclooxygenase-2 in Brain During Acute and Chronic Ethanol Treatment and Ethanol Withdrawal. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 633.	1.4	32
138	Phospholipid methyltransferase asymmetry in synaptosomal membranes. <i>Neurochemical Research</i> , 1980, 5, 983-991.	1.6	31
139	Neuroimmune and epigenetic mechanisms underlying persistent loss of hippocampal neurogenesis following adolescent intermittent ethanol exposure. <i>Current Opinion in Pharmacology</i> , 2020, 50, 9-16.	1.7	31
140	Extracellular microvesicles promote microglia-mediated pro-inflammatory responses to ethanol. <i>Journal of Neuroscience Research</i> , 2021, 99, 1940-1956.	1.3	31
141	Rapid desensitization of cerebral cortical β -adrenergic receptors induced by desmethylimipramine and phenoxybenzamine. <i>European Journal of Pharmacology</i> , 1980, 62, 349-350.	1.7	30
142	Abstinence From Moderate Alcohol Self-Administration Alters Progenitor Cell Proliferation and Differentiation in Multiple Brain Regions of Male and Female P Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 129-138.	1.4	30
143	TRAIL Mediates Neuronal Death in AUD: A Link between Neuroinflammation and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2547.	1.8	30
144	Regulation of inositol transport by glucose and protein kinase C in mesangial cells. <i>Kidney International</i> , 1992, 42, 33-40.	2.6	29

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145	Receptors for phorbol esters are primarily localized in neurons: Comparison of neuronal and glial cultures. <i>Neurochemical Research</i> , 1988, 13, 51-56.	1.6	28
146	Differential Regulation of Phosphoinositide Phosphodiesterase Activity in Brain Membranes by Guanine Nucleotides and Calcium. <i>Journal of Neurochemistry</i> , 1988, 50, 1522-1528.	2.1	28
147	Effects of Ethanol in Vivo and in Vitro on Stimulated Phosphoinositide Hydrolysis in Rat Cortex and Cerebellum. <i>Alcoholism: Clinical and Experimental Research</i> , 1988, 12, 94-98.	1.4	28
148	Focal Thalamic Degeneration from Ethanol and Thiamine Deficiency is Associated with Neuroimmune Gene Induction, Microglial Activation, and Lack of Monocarboxylic Acid Transporters. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 657-671.	1.4	28
149	Hippocampal TNF-death receptors, caspase cell death cascades, and IL-8 in alcohol use disorder. <i>Molecular Psychiatry</i> , 2021, 26, 2254-2262.	4.1	28
150	Loss of Basal Forebrain Cholinergic Neurons Following Adolescent Binge Ethanol Exposure: Recovery With the Cholinesterase Inhibitor Galantamine. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 652494.	1.0	27
151	Immune function genes, genetics, and the neurobiology of addiction. , 2012, 34, 355-61.		26
152	Cholinergic stimulation of hippocampal pyramidal cells is inhibited by increasing membrane cholesterol. <i>Brain Research</i> , 1983, 261, 155-158.	1.1	25
153	LPS-TLR4 Pathway Mediates Ductular Cell Expansion in Alcoholic Hepatitis. <i>Scientific Reports</i> , 2016, 6, 35610.	1.6	25
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