Brian A Mccool

List of Publications by Year
in descending order

73 papers	3,293 citations	117625 34 h-index	155660 55 g-index
79 all docs	79 docs citations	79 times ranked	2807 citing authors

#	Article	IF	Citations
1	Structural, functional, and behavioral significance of sex and gonadal hormones in the basolateral amygdala: A review of preclinical literature. Alcohol, 2022, 98, 25-41.	1.7	17
2	Chronic Alcohol Dysregulates Glutamatergic Function in the Basolateral Amygdala in a Projection-and Sex-Specific Manner. Frontiers in Cellular Neuroscience, 2022, 16, 857550.	3.7	9
3	Chronic Ethanol Exposure Potentiates Cholinergic Neurotransmission in the Basolateral Amygdala. Neuroscience, 2021, 455, 165-176.	2.3	8
4	Ethanol modulation of cortico-basolateral amygdala circuits: Neurophysiology and behavior. Neuropharmacology, 2021, 197, 108750.	4.1	8
5	Withdrawal from chronic ethanol exposure increases postsynaptic glutamate function of insular cortex projections to the rat basolateral amygdala. Neuropharmacology, 2020, 172, 108129.	4.1	31
6	Chronic Ethanol Differentially Modulates Glutamate Release from Dorsal and Ventral Prefrontal Cortical Inputs onto Rat Basolateral Amygdala Principal Neurons. ENeuro, 2020, 7, ENEURO.0132-19.2019.	1.9	32
7	RGS2 Modulates Cocaine Selfâ€administration by Controlling Dopamine D2 Autoreceptor Activity. FASEB Journal, 2020, 34, 1-1.	0.5	0
8	Acute ethanol exposure reduces serotonin receptor 1A internalization by increasing ubiquitination and degradation of Î²-arrestin2. Journal of Biological Chemistry, 2019, 294, 14068-14080.	3.4	7
9	Effects of Ethanol Exposure and Withdrawal on Neuronal Morphology in the Agranular Insular and Prelimbic Cortices: Relationship with Withdrawal-Related Structural Plasticity in the Nucleus Accumbens. Brain Sciences, 2019, 9, 180.	2.3	9
10	Adolescent Vulnerability to Alcohol Use Disorder: Neurophysiological Mechanisms from Preclinical Studies. Handbook of Experimental Pharmacology, 2019, 258, 421-442.	1.8	3
11	Chronic Social Isolation Stress during Peri-Adolescence Alters Presynaptic Dopamine Terminal Dynamics via Augmentation in Accumbal Dopamine Availability. ACS Chemical Neuroscience, 2019, 10, 2033-2044.	3.5	34
12	RGS2 Regulates Cocaine Selfâ€Administration through Midbrain Dopamine D2 Autoreceptors. FASEB Journal, 2019, 33, 805.14.	0.5	0
13	Chronic and Intermittent Ethanol Treatment Differentially Regulates Membrane Compartmentalization of Gâ€protein Subunits in Rat Brain. FASEB Journal, 2019, 33, 809.2.	0.5	0
14	Ethanol Doseâ€Dependently Changes 5HT 1 A Receptor Trafficking in Neuroblastoma 2A Cells. FASEB Journal, 2019, 33, 499.9.	0.5	0
15	Chronic Intermittent Ethanol Exposure Modulation of Glutamatergic Neurotransmission in Rat Lateral/Basolateral Amygdala is Duration-, Input-, and Sex-Dependent. Neuroscience, 2018, 371, 277-287.	2.3	44
16	SNARE Complexâ€Associated Proteins in the Lateral Amygdala of Macaca mulatta Following Longâ€Term Ethanol Drinking. Alcoholism: Clinical and Experimental Research, 2018, 42, 1661-1673.	2.4	4
17	Acute Ethanol Exposure Enhances Ubiquitination and Degradation of Î²â€arrestin. FASEB Journal, 2018, 32, 685.5.	0.5	0
18	Strainâ€Dependent Effects of Acute Alcohol on Synaptic Vesicle Recycling and Postâ€Tetanic Potentiation in Medial Glutamate Inputs to the Mouse Basolateral Amygdala. Alcoholism: Clinical and Experimental Research, 2017, 41, 735-746.	2.4	9

#	Article	IF	Citations
19	Chronic intermittent ethanol exposure selectively alters the expression of GÎ± subunit isoforms and RGS subtypes in rat prefrontal cortex. Brain Research, 2017, 1672, 106-112.	2.2	6
20	Ethanol Mediated Inhibition of Synaptic Vesicle Recycling at Amygdala Glutamate Synapses Is Dependent upon Munc13-2. Frontiers in Neuroscience, 2017, 11, 424.	2.8	13
21	RGS2 modulates the activity and internalization of dopamine D2 receptors in neuroblastoma N2A cells. Neuropharmacology, 2016, 110, 297-307.	4.1	14
22	Differential Expression of Munc13-2 Produces Unique Synaptic Phenotypes in the Basolateral Amygdala of C57BL/6J and DBA/2J Mice. Journal of Neuroscience, 2016, 36, 10964-10977.	3.6	17
23	Acute and chronic ethanol exposure differentially regulate CB1 receptor function at glutamatergic synapses in the rat basolateral amygdala. Neuropharmacology, 2016, 108, 474-484.	4.1	22
24	Supersensitive Kappa Opioid Receptors Promotes Ethanol Withdrawal-Related Behaviors and Reduce Dopamine Signaling in the Nucleus Accumbens. International Journal of Neuropsychopharmacology, 2016, 19, pyv127.	2.1	112
25	Chronic ethanol exposure increases voluntary home cage intake in adult male, but not female, Longâ€“Evans rats. Pharmacology Biochemistry and Behavior, 2015, 139, 67-76.	2.9	64
26	Chronic social isolation during adolescence augments catecholamine response to acute ethanol in the basolateral amygdala. Synapse, 2015, 69, 385-395.	1.2	42
27	Chronic intermittent ethanol inhalation increases ethanol self-administration in both C57BL/6J and DBA/2J mice. Alcohol, 2015, 49, 111-120.	1.7	36
28	Microstructural analysis of rat ethanol and water drinking patterns using a modified operant self-administration model. Physiology and Behavior, 2015, 149, 119-130.	2.1	24
29	Effects of ethanol exposure and withdrawal on dendritic morphology and spine density in the nucleus accumbens core and shell. Brain Research, 2015, 1594, 125-135.	2.2	20
30	Lateral/basolateral amygdala serotonin type-2 receptors modulate operant self-administration of a sweetened ethanol solution via inhibition of principal neuron activity. Frontiers in Integrative Neuroscience, 2014, 8, 5.	2.1	22
31	Social Isolation Rearing Increases Nucleus Accumbens Dopamine and Norepinephrine Responses to Acute Ethanol in Adulthood. Alcoholism: Clinical and Experimental Research, 2014, 38, 2770-2779.	2.4	64
32	Persistent enhancement of ethanol drinking following a monosodium glutamate-substitution procedure in C57BL6/J and DBA/2J mice. Alcohol, 2014, 48, 55-61.	1.7	11
33	Adolescent Rearing Conditions Influence the Relationship Between Initial Anxietyâ€Like Behavior and Ethanol Drinking in Male Long Evans Rats. Alcoholism: Clinical and Experimental Research, 2013, 37, E394-403.	2.4	98
34	Locomotor Sensitization to Ethanol Impairs NMDA Receptor-Dependent Synaptic Plasticity in the Nucleus Accumbens and Increases Ethanol Self-Administration. Journal of Neuroscience, 2013, 33, 4834-4842.	3.6	80
35	Thalamic glutamatergic afferents into the rat basolateral amygdala exhibit increased presynaptic glutamate function following withdrawal from chronic intermittent ethanol. Neuropharmacology, 2013, 65, 134-142.	4.1	47
36	Chronic intermittent ethanol and withdrawal differentially modulate basolateral amygdala AMPA-type glutamate receptor function and trafficking. Neuropharmacology, 2012, 62, 2430-2439.	4.1	68

#	Article	IF	Citations
37	Using monosodium glutamate to initiate ethanol selfâ€administration in inbred mouse strains. Addiction Biology, 2012, 17, 121-131.	2.6	15
38	Ethanol modulation of synaptic plasticity. Neuropharmacology, 2011, 61, 1097-1108.	4.1	96
39	Chronic Ethanol and Withdrawal Differentially Modulate Lateral/Basolateral Amygdala Paracapsular and Local GABAergic Synapses. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 162-170.	2.5	58
40	Dopamine D3-Like Receptors Modulate Anxiety-Like Behavior and Regulate GABAergic Transmission in the Rat Lateral/Basolateral Amygdala. Neuropsychopharmacology, 2011, 36, 1090-1103.	5.4	77
41	Glutamate Plasticity in the Drunken Amygdala. International Review of Neurobiology, 2010, 91, 205-233.	2.0	60
42	Early Social Isolation in Male Longâ€Evans Rats Alters Both Appetitive and Consummatory Behaviors Expressed During Operant Ethanol Selfâ€Administration. Alcoholism: Clinical and Experimental Research, 2009, 33, 273-282.	2.4	129
43	Chronic ethanol and withdrawal effects on kainate receptorâ€“mediated excitatory neurotransmission in the rat basolateral amygdala. Alcohol, 2009, 43, 25-33.	1.7	41
44	Neurobiological mechanisms contributing to alcoholâ€“stressâ€“anxiety interactions. Alcohol, 2009, 43, 509-519.	1.7	72
45	Ethanol inhibition of kainate receptor-mediated excitatory neurotransmission in the rat basolateral nucleus of the amygdala. Neuropharmacology, 2008, 55, 661-668.	4.1	50
46	Strychnine and taurine modulation of amygdala-associated anxiety-like behavior is â€˜stateâ€™ dependent. Behavioural Brain Research, 2007, 178, 70-81.	2.2	37
47	Chronic Ethanol and Withdrawal Differentially Modulate Pre- and Postsynaptic Function at Glutamatergic Synapses in Rat Basolateral Amygdala. Journal of Neurophysiology, 2007, 98, 3185-3196.	1.8	153
48	Long-Term Ethanol Self-Administration by the Nonhuman Primate, Macaca fascicularis, Decreases the Benzodiazepine Sensitivity of Amygdala GABAAReceptors. Alcoholism: Clinical and Experimental Research, 2007, 31, 1061-1070.	2.4	28
49	Effects of chronic alcohol exposure on dopamine uptake in rat nucleus accumbens and caudate putamen. Psychopharmacology, 2007, 193, 495-501.	3.1	78
50	Molecules and Membrane Activity: Single-Cell RT-PCR and Patch-Clamp Recording from Central Neurons. , 2006, , 142-174.		5
51	The native T-type calcium current in relay neurons of the primate thalamus. Neuroscience, 2006, 141, 453-461.	2.3	17
52	Ethanol-Induced Regulation of GABAA Subunit mRNAs in Prefrontal Fields of Cynomolgus Monkeys. Alcoholism: Clinical and Experimental Research, 2006, 30, 1978-1985.	2.4	34
53	Distinct Functional Characteristics of the Lateral/Basolateral Amygdala GABAergic System in C57BL/6J and DBA/2J Mice. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 629-640.	2.5	42
54	Chronic ethanol ingestion modulates proanxiety factors expressed in rat central amygdala. Alcohol, 2005, 36, 83-90.	1.7	58

#	Article	IF	Citations
55	Long-Term Ethanol Self-Administration by Cynomolgus Macaques Alters the Pharmacology and Expression of GABAA Receptors in Basolateral Amygdala. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 1071-1079.	2.5	53
56	Extrinsic factors regulate partial agonist efficacy of strychnine-sensitive glycine receptors. BMC Pharmacology, 2004, 4, 16.	0.4	8
57	Effects of chronic ethanol consumption on rat GABAA and strychnine-sensitive glycine receptors expressed by lateral/basolateral amygdala neurons. Brain Research, 2003, 963, 165-177.	2.2	56
58	Chronic Ethanol Ingestion Facilitates N-Methyl-d-aspartate Receptor Function and Expression in Rat Lateral/Basolateral Amygdala Neurons. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 1020-1029.	2.5	98
59	Nonhuman primate parthenogenetic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11911-11916.	7.1	176
60	Effects of Chronic Alcohol Ingestion on Rat Lateral/Basolateral Amygdala Ligandâ€Gated Chloride Channels. Annals of the New York Academy of Sciences, 2003, 985, 479-480.	3.8	3
61	Single-cell RT-PCR detects shifts in mRNA expression profiles of basal forebrain neurons during aging. Molecular Brain Research, 2002, 98, 67-80.	2.3	21
62	Effects of early postnatal ethanol intubation on GABAergic synaptic proteins. Developmental Brain Research, 2002, 138, 177-185.	1.7	30
63	Cadmium- and Mercury-Induced Intercellular Adhesion Molecule-1 Expression in Immortalized Proximal Tubule Cells: Evidence for a Role of Decreased Transforming Growth Factor-Î²1. Toxicology and Applied Pharmacology, 2002, 179, 13-20.	2.8	18
64	Subunit composition of strychnine-sensitive glycine receptors expressed by adult rat basolateral amygdala neurons. European Journal of Neuroscience, 2001, 14, 1082-1090.	2.6	42
65	A1 adenosine receptors inhibit multiple voltage-gated Ca2+ channel subtypes in acutely isolated rat basolateral amygdala neurons. British Journal of Pharmacology, 2001, 132, 879-888.	5.4	19
66	Characterization of strychnine-sensitive glycine receptors in acutely isolated adult rat basolateral amygdala neurons. Brain Research, 2000, 859, 341-351.	2.2	63
67	Rat group I Metabotropic Glutamate Receptors Inhibit Neuronal Ca²⁺Channels via Multiple Signal Transduction Pathways in HEK 293 Cells. Journal of Neurophysiology, 1998, 79, 379-391.	1.8	62
68	Substitution of a mutant Â2a-adrenergic receptor via "hit and run" gene targeting reveals the role of this subtype in sedative, analgesic, and anesthetic-sparing responses in vivo. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 9950-9955.	7.1	319
69	Relative contributions of G protein, channel, and receptor to voltage-dependent inhibition of neuronal N-type and P/Q-type calcium channels in HEK 293 cell lines. Neuroscience Letters, 1997, 239, 89-92.	2.1	4
70	Molecular genetics of transketolase in the pathogenesis of the Wernicke-Korsakoff syndrome. Metabolic Brain Disease, 1995, 10, 45-55.	2.9	35
71	Heterologous expression of metabotropic glutamate receptors in adult rat sympathetic neurons: Subtype-specific coupling to ion channels. Neuron, 1995, 14, 1029-1038.	8.1	125
72	Ifenprodil inhibition of the 5-Hydroxytryptamine3 receptor. Neuropharmacology, 1995, 34, 621-629.	4.1	76

#	Article	IF	Citations
73	Genetic Sensitivity to Thiamine Deficiency and Development of Alcoholic Organic Brain Disease. Alcoholism: Clinical and Experimental Research, 1993, 17, 31-37.	2.4	53