# Brian A Mccool

List of Publications by Year
in descending order



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|---|---|---|---|
| 73 papers | 3,293 citations | 117619 34 h-index | 155644 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 |

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|---|---|---|---|
| 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 |

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| 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 |

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| 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 Ca<sup>2+</sup>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 |

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| 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 |