Craig D C Bailey

List of Publications by Year
in descending order

42 papers	1,360 citations	304368 22 h-index	344852 36 g-index
42 all docs	42 docs citations	42 times ranked	1531 citing authors

#	Article	IF	Citations
1	Brain-Generated 17Î²-Estradiol Modulates Long-Term Synaptic Plasticity in the Primary Auditory Cortex of Adult Male Rats. Cerebral Cortex, 2022, 32, 2140-2155.	1.6	3
2	Developmental age and biological sex influence muscarinic receptor function and neuron morphology within layer VI of the medial prefrontal cortex. Cerebral Cortex, 2022, 32, 3137-3158.	1.6	5
3	The Dendrite Arbor of Purkinje Cells Is Altered Following to Tail Regeneration in the Leopard Gecko. Integrative and Comparative Biology, 2021, 61, 370-384.	0.9	2
4	Preclinical methodological approaches investigating of the effects of alcohol on perinatal and adolescent neurodevelopment. Neuroscience and Biobehavioral Reviews, 2020, 116, 436-451.	2.9	6
5	Sex differences in the nicotinic excitation of principal neurons within the developing hippocampal formation. Developmental Neurobiology, 2019, 79, 110-130.	1.5	2
6	Neurophysiological correlates of stereotypic behaviour in a model carnivore species. Behavioural Brain Research, 2019, 373, 112056.	1.2	9
7	The Clock Mechanism Influences Neurobiology and Adaptations to Heart Failure in Clockâˆ†19/âˆ†19 Mice With Implications for Circadian Medicine. Scientific Reports, 2019, 9, 4994.	1.6	18
8	Adolescent social instability stress alters markers of synaptic plasticity and dendritic structure in the medial amygdala and lateral septum in male rats. Brain Structure and Function, 2019, 224, 643-659.	1.2	13
9	Neurosteroid metabolites of testosterone and progesterone differentially inhibit ERK phosphorylation induced by amyloid Î² in SH-SY5Y cells and primary cortical neurons. Brain Research, 2018, 1686, 83-93.	1.1	16
10	Developmental ethanol exposure alters the morphology of mouse prefrontal neurons in a layer-specific manner. Brain Research, 2018, 1678, 94-105.	1.1	23
11	Implications of disturbances in circadian rhythms for cardiovascular health: A new frontier in free radical biology. Free Radical Biology and Medicine, 2018, 119, 85-92.	1.3	50
12	Similar nicotinic excitability responses across the developing hippocampal formation are regulated by small-conductance calcium-activated potassium channels. Journal of Neurophysiology, 2018, 119, 1707-1722.	0.9	5
13	Expansion of mossy fibers and CA3 apical dendritic length accompanies the fall in dendritic spine density after gonadectomy in male, but not female, rats. Brain Structure and Function, 2017, 222, 587-601.	1.2	26
14	Imaging Neurons within Thick Brain Sections Using the Golgi-Cox Method. Journal of Visualized Experiments, 2017, , .	0.2	5
15	A Novel Multisensory Integration Task Reveals Robust Deficits in Rodent Models of Schizophrenia: Converging Evidence for Remediation via Nicotinic Receptor Stimulation of Inhibitory Transmission in the Prefrontal Cortex. Journal of Neuroscience, 2016, 36, 12570-12585.	1.7	17
16	Postsynaptic nicotinic acetylcholine receptors facilitate excitation of developing CA1 pyramidal neurons. Journal of Neurophysiology, 2016, 116, 2043-2055.	0.9	8
17	Developmental Ethanol Exposure Leads to Long-Term Deficits in Attention and Its Underlying Prefrontal Circuitry. ENeuro, 2016, 3, ENEURO.0267-16.2016.	0.9	27
18	Dendritic spine density of prefrontal layer 6 pyramidal neurons in relation to apical dendrite sculpting by nicotinic acetylcholine receptors. Frontiers in Cellular Neuroscience, 2015, 9, 398.	1.8	10

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19	Rapid increases in immature synapses parallel estrogen-induced hippocampal learning enhancements. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 16018-16023.	3.3	92
20	Nicotinic acetylcholine receptors in attention circuitry: the role of layer VI neurons of prefrontal cortex. Cellular and Molecular Life Sciences, 2014, 71, 1225-1244.	2.4	46
21	Cholinergic excitation in mouse primary vs. associative cortex: regionâ€specific magnitude and receptor balance. European Journal of Neuroscience, 2014, 40, 2608-2618.	1.2	29
22	Chrna5 genotype determines the long-lasting effects of developmental inÂvivo nicotine exposure on prefrontal attention circuitry. Neuropharmacology, 2014, 77, 145-155.	2.0	21
23	The Native Serotonin 5-HT_{5A}Receptor: Electrophysiological Characterization in Rodent Cortex and 5-HT_{1A}-Mediated Compensatory Plasticity in the Knock-Out Mouse. Journal of Neuroscience, 2012, 32, 5804-5809.	1.7	30
24	Nicotinic Î±5 Subunits Drive Developmental Changes in the Activation and Morphology of Prefrontal Cortex Layer VI Neurons. Biological Psychiatry, 2012, 71, 120-128.	0.7	55
25	Plasticity of Prefrontal Attention Circuitry: Upregulated Muscarinic Excitability in Response to Decreased Nicotinic Signaling Following Deletion of Î±5 or Î²2 Subunits. Journal of Neuroscience, 2011, 31, 16458-16463.	1.7	30
26	The Nicotinic Acetylcholine Receptor Â5 Subunit Plays a Key Role in Attention Circuitry and Accuracy. Journal of Neuroscience, 2010, 30, 9241-9252.	1.7	132
27	Developmental Sex Differences in Nicotinic Currents of Prefrontal Layer VI Neurons in Mice and Rats. PLoS ONE, 2010, 5, e9261.	1.1	28
28	Transglutaminase 2 protects against ischemic insult, interacts with HIF1Î², and attenuates HIF1 signaling. FASEB Journal, 2008, 22, 2662-2675.	0.2	71
29	The protective effects of cystamine in the R6/2 Huntington's disease mouse involve mechanisms other than the inhibition of tissue transglutaminase. Neurobiology of Aging, 2006, 27, 871-879.	1.5	70
30	Transglutaminases in Neurodegenerative Disorders. , 2005, 38, 139-157.		18
31	Tissue transglutaminase contributes to disease progression in the R6/2 Huntington's disease mouse model via aggregate-independent mechanisms. Journal of Neurochemistry, 2005, 92, 83-92.	2.1	79
32	Cystamine treatment is neuroprotective in the YAC128 mouse model of Huntington disease. Journal of Neurochemistry, 2005, 95, 210-220.	2.1	96
33	Developmental regulation of tissue transglutaminase in the mouse forebrain. Journal of Neurochemistry, 2004, 91, 1369-1379.	2.1	36
34	Chronic prenatal ethanol exposure alters the proportion of GABAergic neurons in layers II/III of the adult guinea pig somatosensory cortex. Neurotoxicology and Teratology, 2004, 26, 59-63.	1.2	33
35	Validity of mouse models for the study of tissue transglutaminase in neurodegenerative diseases. Molecular and Cellular Neurosciences, 2004, 25, 493-503.	1.0	28
36	Chronic Prenatal Ethanol Exposure Alters Ionotropic Glutamate Receptor Subunit Protein Levels in the Adult Guinea Pig Cerebral Cortex. Alcoholism: Clinical and Experimental Research, 2003, 27, 677-681.	1.4	23

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37	Chronic prenatal ethanol exposure alters ionotropic glutamate receptor subunit protein levels in the adult guinea pig cerebral cortex. Alcoholism: Clinical and Experimental Research, 2003, 27, 677-81.	1.4	14
38	Tau, where are we now?. Journal of Alzheimer's Disease, 2002, 4, 375-398.	1.2	83
39	Axin negatively affects tau phosphorylation by glycogen synthase kinase 3Î². Journal of Neurochemistry, 2002, 83, 904-913.	2.1	22
40	Chronic Prenatal Ethanol Exposure Increases GABA_AReceptor Subunit Protein Expression in the Adult Guinea Pig Cerebral Cortex. Journal of Neuroscience, 2001, 21, 4381-4389.	1.7	46
41	Altered GABAA-Benzodiazepine Receptor Number and Pharmacology in the Adult Guinea Pig Cerebral Cortex After Chronic Prenatal Ethanol Exposure. Alcoholism: Clinical and Experimental Research, 1999, 23, 1816-1824.	1.4	22
42	Neurosteroid modulation of the GABAA receptor in the developing guinea pig cerebral cortex. Developmental Brain Research, 1999, 113, 21-28.	2.1	11