

Frances Corrigan

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,225
citations

279798
23
h-index

243625
44
g-index

60
all docs

60
docs citations

60
times ranked

3888
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic traumatic encephalopathy: genes load the gun and repeated concussion pulls the trigger. <i>Neural Regeneration Research</i> , 2022, 17, 1963.	3.0	1
2	Short-Term Environmental Enrichment is a Stronger Modulator of Brain Glial Cells and Cervical Lymph Node T Cell Subtypes than Exercise or Combined Exercise and Enrichment. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 469-486.	3.3	7
3	Injury during adolescence leads to sex-specific executive function deficits in adulthood in a pre-clinical model of mild traumatic brain injury. <i>Behavioural Brain Research</i> , 2021, 402, 113067.	2.2	7
4	NK1 antagonists attenuate tau phosphorylation after blast and repeated concussive injury. <i>Scientific Reports</i> , 2021, 11, 8861.	3.3	14
5	Effects of Remote Immune Activation on Performance in the 5-Choice Serial Reaction Time Task Following Mild Traumatic Brain Injury in Adolescence. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 659679.	2.0	2
6	TNF signaling via TNF receptors does not mediate the effects of short-term exercise on cognition, anxiety and depressive-like behaviors in middle-aged mice. <i>Behavioural Brain Research</i> , 2021, 408, 113269.	2.2	0
7	Further Characterization of Intrastriatal Lipopolysaccharide Model of Parkinson's Disease in C57BL/6 Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7380.	4.1	7
8	Fyn Kinase Activity and Its Role in Neurodegenerative Disease Pathology: a Potential Universal Target?. <i>Molecular Neurobiology</i> , 2021, 58, 5986-6005.	4.0	20
9	Clinical Relevance of Behavior Testing in Animal Models of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2381-2400.	3.4	36
10	Evaluating spatiotemporal microstructural alterations following diffuse traumatic brain injury. <i>NeuroImage: Clinical</i> , 2020, 25, 102136.	2.7	24
11	Lipopolysaccharide animal models of Parkinson's disease: Recent progress and relevance to clinical disease. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 4, 100060.	2.5	48
12	Beyond the Brain: Peripheral Interactions after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 770-781.	3.4	73
13	Effects of aging on the motor, cognitive and affective behaviors, neuroimmune responses and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2020, 383, 112501.	2.2	18
14	Duration of Environmental Enrichment Determines Astrocyte Number and Cervical Lymph Node T Lymphocyte Proportions but Not the Microglial Number in Middle-Aged C57BL/6 Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 57.	3.7	9
15	Short-term environmental enrichment, and not physical exercise, alleviate cognitive decline and anxiety from middle age onwards without affecting hippocampal gene expression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1143-1169.	2.0	17
16	The effects of short-term and long-term environmental enrichment on locomotion, mood-like behavior, cognition and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2019, 368, 111917.	2.2	26
17	Age, but not severity of injury, mediates decline in executive function: Validation of the rodent touchscreen paradigm for preclinical models of traumatic brain injury. <i>Behavioural Brain Research</i> , 2019, 368, 111912.	2.2	7
18	Ceasing exercise induces depression-like, anxiety-like, and impaired cognitive-like behaviours and altered hippocampal gene expression. <i>Brain Research Bulletin</i> , 2019, 148, 118-130.	3.0	19

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19	Cognitive and neuropsychiatric impairments vary as a function of injury severity at 12 months post-experimental diffuse traumatic brain injury: Implications for dementia development. Behavioural Brain Research, 2019, 365, 66-76.	2.2	15
20	Does ceasing exercise induce depressive symptoms? A systematic review of experimental trials including immunological and neurogenic markers. Journal of Affective Disorders, 2018, 234, 180-192.	4.1	23
21	Evaluation of early chronic functional outcomes and their relationship to pre-frontal cortex and hippocampal pathology following moderate-severe traumatic brain injury. Behavioural Brain Research, 2018, 348, 127-138.	2.2	20
22	The effect of an acute systemic inflammatory insult on the chronic effects of a single mild traumatic brain injury. Behavioural Brain Research, 2018, 336, 22-31.	2.2	37
23	The effects of aerobic exercise on depression-like, anxiety-like, and cognition-like behaviours over the healthy adult lifespan of C57BL/6 mice. Behavioural Brain Research, 2018, 337, 193-203.	2.2	61
24	Neuroimmunopharmacology at the Interface of Inflammation and Pharmacology Relevant to Depression. , 2018, , 223-240.		0
25	Exercise related anxiety-like behaviours are mediated by TNF receptor signaling, but not depression-like behaviours. Brain Research, 2018, 1695, 10-17.	2.2	13
26	TNF signalling via the TNF receptors mediates the effects of exercise on cognition-like behaviours.. Behavioural Brain Research, 2018, 353, 74-82.	2.2	19
27	The amyloid precursor protein derivative, APP96-110, is efficacious following intravenous administration after traumatic brain injury. PLoS ONE, 2018, 13, e0190449.	2.5	16
28	Cerebrovascular contribution to dementia development after traumatic brain injury: promises and problems. Annals of Translational Medicine, 2018, 6, S58-S58.	1.7	1
29	Toll like receptor 4 activation can be either detrimental or beneficial following mild repetitive traumatic brain injury depending on timing of activation. Brain, Behavior, and Immunity, 2017, 64, 124-139.	4.1	33
30	Animal models of chronic traumatic encephalopathy. Concussion, 2017, 2, CNC32.	1.0	16
31	Does neuroinflammation drive the relationship between tau hyperphosphorylation and dementia development following traumatic brain injury?. Brain, Behavior, and Immunity, 2017, 60, 369-382.	4.1	66
32	Pumping the Brakes: Neurotrophic Factors for the Prevention of Cognitive Impairment and Dementia after Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 971-986.	3.4	15
33	The Neuroprotective Properties of the Amyloid Precursor Protein Following Traumatic Brain Injury. , 2016, 7, 163.		84
34	Short and Long Term Behavioral and Pathological Changes in a Novel Rodent Model of Repetitive Mild Traumatic Brain Injury. PLoS ONE, 2016, 11, e0160220.	2.5	68
35	Neurogenic inflammation after traumatic brain injury and its potentiation of classical inflammation. Journal of Neuroinflammation, 2016, 13, 264.	7.2	235
36	Inflammation in acute <scp>CNS</scp> injury: a focus on the role of substance <scp>P</scp>. British Journal of Pharmacology, 2016, 173, 703-715.	5.4	59

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37	The effect of the antipsychotic drug quetiapine and its metabolite norquetiapine on acute inflammation, memory and anhedonia. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 135, 136-144.	2.9	29
38	Alcohol-induced sedation and synergistic interactions between alcohol and morphine: A key mechanistic role for Toll-like receptors and MyD88-dependent signaling. <i>Brain, Behavior, and Immunity</i> , 2015, 45, 245-252.	4.1	21
39	Tumor necrosis factor alpha and its receptors in behaviour and neurobiology of adult mice, in the absence of an immune challenge. <i>Behavioural Brain Research</i> , 2015, 290, 51-60.	2.2	18
40	Effects of physical exercise on central nervous system functions: a review of brain region specific adaptations. <i>Journal of Molecular Psychiatry</i> , 2015, 3, 3.	2.0	84
41	Effects of Centrally Administered Etanercept on Behavior, Microglia, and Astrocytes in Mice Following a Peripheral Immune Challenge. <i>Neuropsychopharmacology</i> , 2015, 40, 502-512.	5.4	72
42	Cellular and molecular mechanisms of immunomodulation in the brain through environmental enrichment. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 97.	3.7	146
43	Long-term omega-3 supplementation modulates behavior, hippocampal fatty acid concentration, neuronal progenitor proliferation and central TNF- α expression in 7 month old unchallenged mice. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 399.	3.7	18
44	Maternal separation modifies behavioural and neuroendocrine responses to stress in CCR7 deficient mice. <i>Behavioural Brain Research</i> , 2014, 263, 169-175.	2.2	25
45	The neuroprotective activity of the amyloid precursor protein against traumatic brain injury is mediated via the heparin binding site in residues 96-110. <i>Journal of Neurochemistry</i> , 2014, 128, 196-204.	3.9	46
46	Knockout of CXCR5 increases the population of immature neural cells and decreases proliferation in the hippocampal dentate gyrus. <i>Journal of Neuroinflammation</i> , 2014, 11, 31.	7.2	25
47	The NK1 receptor antagonist N-acetyl-L-tryptophan reduces dyskinesia in a hemi-parkinsonian rodent model. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 508-513.	2.2	24
48	Inflammasomes in neuroinflammation and changes in brain function: a focused review. <i>Frontiers in Neuroscience</i> , 2014, 8, 315.	2.8	288
49	TNF- α and its receptors modulate complex behaviours and neurotrophins in transgenic mice. <i>Psychoneuroendocrinology</i> , 2013, 38, 3102-3114.	2.7	67
50	Are the effects of alcohol on the CNS influenced by Toll-like receptor signaling?. <i>Expert Review of Clinical Immunology</i> , 2012, 8, 201-203.	3.0	6
51	sAPP Δ rescues deficits in amyloid precursor protein knockout mice following focal traumatic brain injury. <i>Journal of Neurochemistry</i> , 2012, 122, 208-220.	3.9	60
52	Evaluation of the effects of treatment with sAPP Δ on functional and histological outcome following controlled cortical impact injury in mice. <i>Neuroscience Letters</i> , 2012, 515, 50-54.	2.1	18
53	New therapeutic approaches to subarachnoid hemorrhage. <i>Expert Opinion on Investigational Drugs</i> , 2012, 21, 845-859.	4.1	20
54	Characterisation of the effect of knockout of the amyloid precursor protein on outcome following mild traumatic brain injury. <i>Brain Research</i> , 2012, 1451, 87-99.	2.2	38

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55	A Substance P Antagonist Improves Outcome in Female Sprague Dawley Rats Following Diffuse Traumatic Brain Injury. CNS Neuroscience and Therapeutics, 2012, 18, 513-515.	3.9	25
56	Magnesium in Acute Brain Injury. , 2012, , 445-460.		1
57	The neuroprotective domains of the amyloid precursor protein, in traumatic brain injury, are located in the two growth factor domains. Brain Research, 2011, 1378, 137-143.	2.2	69
58	Models of Rodent Cortical Traumatic Brain Injury. Neuromethods, 2011, , 193-209.	0.3	4
59	The role of magnesium in traumatic CNS injury. , 2011, , 167-180.		5