Louise Parr-Brownlie

List of Publications by Year
in descending order

35 papers	1,312 citations	471509 17 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	1727 citing authors

#	Article	IF	Citations
1	Reducing neuroinflammation via therapeutic compounds and lifestyle to prevent or delay progression of Parkinsonâ€™s disease. Ageing Research Reviews, 2022, 78, 101618.	10.9	28
2	Oscillatory waveform sharpness asymmetry changes in motor thalamus and motor cortex in a rat model of Parkinson's disease. Experimental Neurology, 2022, 354, 114089.	4.1	2
3	Primary motor cortex in Parkinsonâ€™s disease: Functional changes and opportunities for neurostimulation. Neurobiology of Disease, 2021, 147, 105159.	4.4	48
4	Throwing open the doors of perception: The role of dopamine in visual processing. European Journal of Neuroscience, 2021, 54, 6135-6146.	2.6	6
5	Role and Mechanism of Vitamin A Metabolism in the Pathophysiology of Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2021, 11, 949-970.	2.8	18
6	A schizophrenia risk factor induces marked anatomical deficits at GABAergic â€dopaminergic synapses in the rat ventral tegmental area: Essential evidence for new targeted therapies. Journal of Comparative Neurology, 2021, 529, 3946-3973.	1.6	0
7	Anterior thalamic nuclei neurons sustain memory. Current Research in Neurobiology, 2021, 2, 100022.	2.3	11
8	Corrigendum to: Aging in New Zealand: Ka haere ki te ao pakeketanga. Gerontologist, The, 2021, 61, 805-805.	3.9	0
9	Nanopore sequencing of the glucocerebrosidase (GBA) gene in a New Zealand Parkinson's disease cohort. Parkinsonism and Related Disorders, 2020, 70, 36-41.	2.2	17
10	Aging in New Zealand: Ka haere ki te ao pakeketanga. Gerontologist, The, 2020, 60, 812-820.	3.9	12
11	Altered Recruitment of Motor Cortex Neuronal Activity During the Grasping Phase of Skilled Reaching in a Chronic Rat Model of Unilateral Parkinsonism. Journal of Neuroscience, 2019, 39, 9660-9672.	3.6	17
12	A neuroscience perspective of the gut theory of Parkinson's disease. European Journal of Neuroscience, 2019, 49, 817-823.	2.6	16
13	Optogenetic stimulation: Understanding memory and treating deficits. Hippocampus, 2018, 28, 457-470.	1.9	22
14	Six things you need to know about pain. New Zealand Medical Journal, 2018, 131, 5-8.	0.5	1
15	Parkinsonâ€™s in the oldest old: Impact on estimates of future disease burden. Parkinsonism and Related Disorders, 2017, 42, 78-84.	2.2	21
16	Marked differences in the number and type of synapses innervating the somata and primary dendrites of midbrain dopaminergic neurons, striatal cholinergic interneurons, and striatal spiny projection neurons in the rat. Journal of Comparative Neurology, 2016, 524, 1062-1080.	1.6	8
17	Viral vector-based tools advance knowledge of basal ganglia anatomy and physiology. Journal of Neurophysiology, 2016, 115, 2124-2146.	1.8	17
18	Striatal mRNA expression patterns underlying peak dose l-DOPA-induced dyskinesia in the 6-OHDA hemiparkinsonian rat. Neuroscience, 2016, 324, 238-251.	2.3	10

#	Article	IF	Citations
19	Lentiviral vectors as tools to understand central nervous system biology in mammalian model organisms. Frontiers in Molecular Neuroscience, 2015, 8, 14.	2.9	88
20	Patterned, But Not Tonic, Optogenetic Stimulation in Motor Thalamus Improves Reaching in Acute Drug-Induced Parkinsonian Rats. Journal of Neuroscience, 2015, 35, 1211-1216.	3.6	31
21	Reduced Reach-Related Modulation of Motor Thalamus Neural Activity in a Rat Model of Parkinson's Disease. Journal of Neuroscience, 2014, 34, 15836-15850.	3.6	43
22	Effects of thalamic lesions on repeated relearning of a spatial working memory task. Behavioural Brain Research, 2014, 261, 56-59.	2.2	5
23	Motor thalamus integration of cortical, cerebellar and basal ganglia information: implications for normal and parkinsonian conditions. Frontiers in Computational Neuroscience, 2013, 7, 163.	2.1	217
24	Beta frequency synchronization in basal ganglia output during rest and walk in a hemiparkinsonian rat. Experimental Neurology, 2010, 221, 307-319.	4.1	138
25	The effect of attentional set-shifting, working memory, and processing speed on pragmatic language functioning in Parkinson's disease. European Journal of Cognitive Psychology, 2009, 21, 330-346.	1.3	18
26	Parafascicular thalamic nucleus activity in a rat model of Parkinson's disease. Experimental Neurology, 2009, 217, 269-281.	4.1	44
27	Altered neuronal activity relationships between the pedunculopontine nucleus and motor cortex in a rodent model of Parkinson's disease. Experimental Neurology, 2008, 213, 268-280.	4.1	43
28	Phase relationships support a role for coordinated activity in the indirect pathway in organizing slow oscillations in basal ganglia output after loss of dopamine. Neuroscience, 2007, 144, 762-776.	2.3	123
29	Dopamine lesionâ€induced changes in subthalamic nucleus activity are not associated with alterations in firing rate or pattern in layer V neurons of the anterior cingulate cortex in anesthetized rats. European Journal of Neuroscience, 2007, 26, 1925-1939.	2.6	32
30	Bradykinesia Induced by Dopamine D2 Receptor Blockade Is Associated with Reduced Motor Cortex Activity in the Rat. Journal of Neuroscience, 2005, 25, 5700-5709.	3.6	76
31	Do Local Field Potentials Reflect Synchronized Spiking Activity of Neuronal Populations in the Basal Ganglia?. , 2005, , 37-46.		8
32	Foreperiod Length, but Not Memory, Affects Human Reaction Time in a Precued, Delayed Response. Motor Control, 1998, 2, 133-141.	0.6	0
33	Effects of Selegiline (Deprenyl) on Cognition in Early ParkinsonÊ¼s Disease. Clinical Neuropharmacology, 1995, 18, 348-359.	0.7	24
34	A central executive deficit in patients with Parkinson's disease.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 360-367.	1.9	150
35	Behavioral effects of basal forebrain grafts after dorsal septo-hippocampal pathway lesions. Brain Research, 1994, 661, 243-258.	2.2	17