

Louise Parr-Brownlie

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Motor thalamus integration of cortical, cerebellar and basal ganglia information: implications for normal and parkinsonian conditions. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 163. | 2.1 | 217 |
| 2 | A central executive deficit in patients with Parkinson's disease.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994, 57, 360-367. | 1.9 | 150 |
| 3 | Beta frequency synchronization in basal ganglia output during rest and walk in a hemiparkinsonian rat. <i>Experimental Neurology</i> , 2010, 221, 307-319. | 4.1 | 138 |
| 4 | Phase relationships support a role for coordinated activity in the indirect pathway in organizing slow oscillations in basal ganglia output after loss of dopamine. <i>Neuroscience</i> , 2007, 144, 762-776. | 2.3 | 123 |
| 5 | Lentiviral vectors as tools to understand central nervous system biology in mammalian model organisms. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 14. | 2.9 | 88 |
| 6 | Bradykinesia Induced by Dopamine D2 Receptor Blockade Is Associated with Reduced Motor Cortex Activity in the Rat. <i>Journal of Neuroscience</i> , 2005, 25, 5700-5709. | 3.6 | 76 |
| 7 | Primary motor cortex in Parkinson's disease: Functional changes and opportunities for neurostimulation. <i>Neurobiology of Disease</i> , 2021, 147, 105159. | 4.4 | 48 |
| 8 | Parafascicular thalamic nucleus activity in a rat model of Parkinson's disease. <i>Experimental Neurology</i> , 2009, 217, 269-281. | 4.1 | 44 |
| 9 | Altered neuronal activity relationships between the pedunclopontine nucleus and motor cortex in a rodent model of Parkinson's disease. <i>Experimental Neurology</i> , 2008, 213, 268-280. | 4.1 | 43 |
| 10 | Reduced Reach-Related Modulation of Motor Thalamus Neural Activity in a Rat Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2014, 34, 15836-15850. | 3.6 | 43 |
| 11 | Dopamine lesion-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. <i>European Journal of Neuroscience</i> , 2007, 26, 1925-1939. | 2.6 | 32 |
| 12 | Patterned, But Not Tonic, Optogenetic Stimulation in Motor Thalamus Improves Reaching in Acute Drug-Induced Parkinsonian Rats. <i>Journal of Neuroscience</i> , 2015, 35, 1211-1216. | 3.6 | 31 |
| 13 | Reducing neuroinflammation via therapeutic compounds and lifestyle to prevent or delay progression of Parkinson's disease. <i>Ageing Research Reviews</i> , 2022, 78, 101618. | 10.9 | 28 |
| 14 | Effects of Selegiline (Deprenyl) on Cognition in Early Parkinson's Disease. <i>Clinical Neuropharmacology</i> , 1995, 18, 348-359. | 0.7 | 24 |
| 15 | Optogenetic stimulation: Understanding memory and treating deficits. <i>Hippocampus</i> , 2018, 28, 457-470. | 1.9 | 22 |
| 16 | Parkinson's in the oldest old: Impact on estimates of future disease burden. <i>Parkinsonism and Related Disorders</i> , 2017, 42, 78-84. | 2.2 | 21 |
| 17 | The effect of attentional set-shifting, working memory, and processing speed on pragmatic language functioning in Parkinson's disease. <i>European Journal of Cognitive Psychology</i> , 2009, 21, 330-346. | 1.3 | 18 |
| 18 | Role and Mechanism of Vitamin A Metabolism in the Pathophysiology of Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2021, 11, 949-970. | 2.8 | 18 |

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|----|---|-----|-----------|
| 19 | Behavioral effects of basal forebrain grafts after dorsal septo-hippocampal pathway lesions. <i>Brain Research</i> , 1994, 661, 243-258. | 2.2 | 17 |
| 20 | Viral vector-based tools advance knowledge of basal ganglia anatomy and physiology. <i>Journal of Neurophysiology</i> , 2016, 115, 2124-2146. | 1.8 | 17 |
| 21 | Altered Recruitment of Motor Cortex Neuronal Activity During the Grasping Phase of Skilled Reaching in a Chronic Rat Model of Unilateral Parkinsonism. <i>Journal of Neuroscience</i> , 2019, 39, 9660-9672. | 3.6 | 17 |
| 22 | Nanopore sequencing of the glucocerebrosidase (GBA) gene in a New Zealand Parkinson's disease cohort. <i>Parkinsonism and Related Disorders</i> , 2020, 70, 36-41. | 2.2 | 17 |
| 23 | A neuroscience perspective of the gut theory of Parkinson's disease. <i>European Journal of Neuroscience</i> , 2019, 49, 817-823. | 2.6 | 16 |
| 24 | Aging in New Zealand: Ka haere ki te ao pakeketanga. <i>Gerontologist, The</i> , 2020, 60, 812-820. | 3.9 | 12 |
| 25 | Anterior thalamic nuclei neurons sustain memory. <i>Current Research in Neurobiology</i> , 2021, 2, 100022. | 2.3 | 11 |
| 26 | Striatal mRNA expression patterns underlying peak dose l-DOPA-induced dyskinesia in the 6-OHDA hemiparkinsonian rat. <i>Neuroscience</i> , 2016, 324, 238-251. | 2.3 | 10 |
| 27 | 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. <i>Journal of Comparative Neurology</i> , 2016, 524, 1062-1080. | 1.6 | 8 |
| 28 | Do Local Field Potentials Reflect Synchronized Spiking Activity of Neuronal Populations in the Basal Ganglia?. , 2005, , 37-46. | | 8 |
| 29 | Throwing open the doors of perception: The role of dopamine in visual processing. <i>European Journal of Neuroscience</i> , 2021, 54, 6135-6146. | 2.6 | 6 |
| 30 | Effects of thalamic lesions on repeated relearning of a spatial working memory task. <i>Behavioural Brain Research</i> , 2014, 261, 56-59. | 2.2 | 5 |
| 31 | Oscillatory waveform sharpness asymmetry changes in motor thalamus and motor cortex in a rat model of Parkinson's disease. <i>Experimental Neurology</i> , 2022, 354, 114089. | 4.1 | 2 |
| 32 | Six things you need to know about pain. <i>New Zealand Medical Journal</i> , 2018, 131, 5-8. | 0.5 | 1 |
| 33 | Foreperiod Length, but Not Memory, Affects Human Reaction Time in a Precued, Delayed Response. <i>Motor Control</i> , 1998, 2, 133-141. | 0.6 | 0 |
| 34 | A schizophrenia risk factor induces marked anatomical deficits at GABAergic & dopamine synapses in the rat ventral tegmental area: Essential evidence for new targeted therapies. <i>Journal of Comparative Neurology</i> , 2021, 529, 3946-3973. | 1.6 | 0 |
| 35 | Corrigendum to: Aging in New Zealand: Ka haere ki te ao pakeketanga. <i>Gerontologist, The</i> , 2021, 61, 805-805. | 3.9 | 0 |