

# Lyndsey E Collins-Praino

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,462  
citations

279798

23  
h-index

345221

36  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1757  
citing authors

#	ARTICLE	IF	CITATIONS
1	The adenosine A2A antagonist MSX-3 reverses the effects of the dopamine antagonist haloperidol on effort-related decision making in a T-maze cost/benefit procedure. <i>Psychopharmacology</i> , 2009, 204, 103-112.	3.1	105
2	Nucleus accumbens and effort-related functions: behavioral and neural markers of the interactions between adenosine A2A and dopamine D2 receptors. <i>Neuroscience</i> , 2010, 166, 1056-1067.	2.3	103
3	Differential actions of adenosine A1 and A2A antagonists on the effort-related effects of dopamine D2 antagonism. <i>Behavioural Brain Research</i> , 2009, 201, 216-222.	2.2	88
4	Conversion to MCI and dementia in Parkinson's disease: a systematic review and meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 20-31.	2.2	78
5	Potential anxiogenic effects of cannabinoid CB1 receptor antagonists/inverse agonists in rats: Comparisons between AM4113, AM251, and the benzodiazepine inverse agonist FG-7142. <i>European Neuropsychopharmacology</i> , 2010, 20, 112-122.	0.7	69
6	Does neuroinflammation drive the relationship between tau hyperphosphorylation and dementia development following traumatic brain injury?. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 369-382.	4.1	66
7	<i>APOE</i> $\epsilon$ 4 and risk for Alzheimer's disease: Do regionally distributed white matter hyperintensities play a role?. <i>Alzheimer's and Dementia</i> , 2014, 10, 619-629.	0.8	59
8	Neuroinflammation as a Key Driver of Secondary Neurodegeneration Following Stroke?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13101.	4.1	51
9	The CB1 inverse agonist AM251, but not the CB1 antagonist AM4113, enhances retention of contextual fear conditioning in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 479-484.	2.9	45
10	Interactions between adenosine and dopamine receptor antagonists with different selectivity profiles: Effects on locomotor activity. <i>Behavioural Brain Research</i> , 2010, 211, 148-155.	2.2	45
11	The novel adenosine A2A antagonist prodrug MSX-4 is effective in animal models related to motivational and motor functions. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 477-487.	2.9	44
12	Oral tremor induced by the muscarinic agonist pilocarpine is suppressed by the adenosine A2A antagonists MSX-3 and SCH58261, but not the adenosine A1 antagonist DPCPX. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 94, 561-569.	2.9	41
13	Soluble amyloid beta levels are elevated in the white matter of Alzheimer's patients, independent of cortical plaque severity. <i>Acta Neuropathologica Communications</i> , 2014, 2, 83.	5.2	39
14	The effect of an acute systemic inflammatory insult on the chronic effects of a single mild traumatic brain injury. <i>Behavioural Brain Research</i> , 2018, 336, 22-31.	2.2	37
15	The novel adenosine A2A antagonist Lu AA47070 reverses the motor and motivational effects produced by dopamine D2 receptor blockade. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 100, 498-505.	2.9	36
16	Role of dopamine-adenosine interactions in the brain circuitry regulating effort-related decision making: insights into pathological aspects of motivation. <i>Future Neurology</i> , 2010, 5, 377-392.	0.5	33
17	Pharmacological and Physiological Characterization of the Tremulous Jaw Movement Model of Parkinsonian Tremor: Potential Insights into the Pathophysiology of Tremor. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 49.	2.5	33
18	Toll like receptor 4 activation can be either detrimental or beneficial following mild repetitive traumatic brain injury depending on timing of activation. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 124-139.	4.1	33

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19	The need to incorporate aged animals into the preclinical modeling of neurological conditions. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 109, 114-128.	6.1	33
20	Oral tremor induced by galantamine in rats: A model of the parkinsonian side effects of cholinomimetics used to treat Alzheimer's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 414-422.	2.9	31
21	Tremorolytic effects of safinamide in animal models of drug-induced parkinsonian tremor. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 105, 105-111.	2.9	31
22	Conditional neural knockout of the adenosine A2A receptor and pharmacological A2A antagonism reduce pilocarpine-induced tremulous jaw movements: Studies with a mouse model of parkinsonian tremor. <i>European Neuropsychopharmacology</i> , 2013, 23, 972-977.	0.7	25
23	Evolution and significance of the triple risk model in sudden infant death syndrome. <i>Journal of Paediatrics and Child Health</i> , 2017, 53, 112-115.	0.8	25
24	Evaluating spatiotemporal microstructural alterations following diffuse traumatic brain injury. <i>NeuroImage: Clinical</i> , 2020, 25, 102136.	2.7	24
25	Intracerebroventricular administration of cannabinoid CB1 receptor antagonists AM251 and AM4113 fails to alter food-reinforced behavior in rats. <i>Psychopharmacology</i> , 2009, 206, 223-232.	3.1	21
26	More than motor impairment: A spatiotemporal analysis of cognitive impairment and associated neuropathological changes following cortical photothrombotic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2439-2455.	4.3	21
27	Neurotoxin-Induced Rodent Models of Parkinson's Disease: Benefits and Drawbacks. <i>Neurotoxicity Research</i> , 2021, 39, 897-923.	2.7	21
28	Evaluation of early chronic functional outcomes and their relationship to pre-frontal cortex and hippocampal pathology following moderate-severe traumatic brain injury. <i>Behavioural Brain Research</i> , 2018, 348, 127-138.	2.2	20
29	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
30	Deep brain stimulation of the subthalamic nucleus reverses oral tremor in pharmacological models of parkinsonism: interaction with the effects of adenosine A <sub>2A</sub> antagonism. <i>European Journal of Neuroscience</i> , 2013, 38, 2183-2191.	2.6	18
31	Pumping the Brakes: Neurotrophic Factors for the Prevention of Cognitive Impairment and Dementia after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 971-986.	3.4	15
32	Cognitive and neuropsychiatric impairments vary as a function of injury severity at 12 months post-experimental diffuse traumatic brain injury: Implications for dementia development. <i>Behavioural Brain Research</i> , 2019, 365, 66-76.	2.2	15
33	Are the protective benefits of vitamin D in neurodegenerative disease dependent on route of administration? A systematic review. <i>Nutritional Neuroscience</i> , 2020, 23, 251-280.	3.1	15
34	Extracellular GABA in globus pallidus increases during the induction of oral tremor by haloperidol but not by muscarinic receptor stimulation. <i>Behavioural Brain Research</i> , 2012, 234, 129-135.	2.2	14
35	The potential role of glial cells in driving the prion-like transcellular propagation of tau in tauopathies. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 14, 100242.	2.5	14
36	Infants who die in shared sleeping situations differ from those who die while sleeping alone. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 611-614.	1.5	13

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37	Characterizing the Dynamic Disassembly/Reassembly Mechanisms of Encapsulin Protein Nanocages. ACS Omega, 2022, 7, 823-836.	3.5	11
38	Medullary Astrogliosis in Sudden Infant Death Syndrome Varies With Sleeping Environment: Evidence for Different Mechanisms of Death in Alone Versus Co-sleepers?. Journal of Child Neurology, 2018, 33, 269-274.	1.4	9
39	Cerebrovascular function during cognition in Parkinson's disease: A functional transcranial Doppler sonography study. Journal of the Neurological Sciences, 2020, 408, 116578.	0.6	9
40	The non-selective adenosine antagonist theophylline reverses the effects of dopamine antagonism on tremor, motor activity and effort-based decision-making. Pharmacology Biochemistry and Behavior, 2020, 198, 173035.	2.9	8
41	Age, but not severity of injury, mediates decline in executive function: Validation of the rodent touchscreen paradigm for preclinical models of traumatic brain injury. Behavioural Brain Research, 2019, 368, 111912.	2.2	7
42	Injury during adolescence leads to sex-specific executive function deficits in adulthood in a pre-clinical model of mild traumatic brain injury. Behavioural Brain Research, 2021, 402, 113067.	2.2	7
43	Loss of park7 activity has differential effects on expression of iron responsive element (IRE) gene sets in the brain transcriptome in a zebrafish model of Parkinson's disease. Molecular Brain, 2021, 14, 83.	2.6	7
44	Optimizing Cognitive Training for the Treatment of Cognitive Dysfunction in Parkinson's Disease: Current Limitations and Future Directions. Frontiers in Aging Neuroscience, 2021, 13, 709484.	3.4	7
45	Telencephalic ablation results in decreased startle response in goldfish. Brain Research, 2006, 1111, 162-165.	2.2	4
46	Can neuroimmune mechanisms explain the link between ultraviolet light (UV) exposure and addictive behavior?. Brain, Behavior, and Immunity, 2018, 73, 125-132.	4.1	3
47	Maladaptive avoidance patterns in Parkinson's disease are exacerbated by symptoms of depression. Behavioural Brain Research, 2020, 382, 112473.	2.2	2
48	Effects of Remote Immune Activation on Performance in the 5-Choice Serial Reaction Time Task Following Mild Traumatic Brain Injury in Adolescence. Frontiers in Behavioral Neuroscience, 2021, 15, 659679.	2.0	2
49	Physiological and Behavioral Assessment of Tremor in Rodents. , 2015, , 631-640.		1
50	Impact of "chemobrain" in childhood cancer survivors on social, academic, and daily living skills: a qualitative systematic review protocol. JBI Evidence Synthesis, 2022, 20, 222-228.	1.3	1
51	Cerebrovascular contribution to dementia development after traumatic brain injury: promises and problems. Annals of Translational Medicine, 2018, 6, S58-S58.	1.7	1
52	Development and Co-design of NeuroOrb: A Novel "Serious Gaming" System Targeting Cognitive Impairment in Parkinson's Disease. Frontiers in Aging Neuroscience, 2022, 14, 728212.	3.4	1
53	Traumatic axonal injury as a key driver of the relationship between traumatic brain injury, cognitive dysfunction, and dementia. , 2022, , 475-486.		0