

# Krystal L Parker

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,749  
citations

516710

16  
h-index

677142

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus Paper: The Cerebellum's Role in Movement and Cognition. <i>Cerebellum</i> , 2014, 13, 151-177.	2.5	815
2	Rodent Medial Frontal Control of Temporal Processing in the Dorsomedial Striatum. <i>Journal of Neuroscience</i> , 2017, 37, 8718-8733.	3.6	118
3	D <sub>1</sub> -Dependent 4 Hz Oscillations and Ramping Activity in Rodent Medial Frontal Cortex during Interval Timing. <i>Journal of Neuroscience</i> , 2014, 34, 16774-16783.	3.6	102
4	Delta-frequency stimulation of cerebellar projections can compensate for schizophrenia-related medial frontal dysfunction. <i>Molecular Psychiatry</i> , 2017, 22, 647-655.	7.9	99
5	Medial frontal 1/4-Hz activity in humans and rodents is attenuated in PD patients and in rodents with cortical dopamine depletion. <i>Journal of Neurophysiology</i> , 2015, 114, 1310-1320.	1.8	83
6	Executive dysfunction in Parkinson's disease and timing deficits. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 75.	2.1	80
7	The cerebellum and eye-blink conditioning: learning versus network performance hypotheses. <i>Neuroscience</i> , 2009, 162, 787-796.	2.3	74
8	The therapeutic potential of the cerebellum in schizophrenia. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 163.	2.5	66
9	Infusion of D1 Dopamine Receptor Agonist into Medial Frontal Cortex Disrupts Neural Correlates of Interval Timing. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 294.	2.0	47
10	Prefrontal D1 dopamine signaling is necessary for temporal expectation during reaction time performance. <i>Neuroscience</i> , 2013, 255, 246-254.	2.3	42
11	Corticostriatal Field Potentials Are Modulated at Delta and Theta Frequencies during Interval-Timing Task in Rodents. <i>Frontiers in Psychology</i> , 2016, 7, 459.	2.1	38
12	Autoantibodies to Collagen XVII Are Present in Parkinson's Disease and Localize to Tyrosine-Hydroxylase Positive Neurons. <i>Journal of Investigative Dermatology</i> , 2016, 136, 721-723.	0.7	31
13	Cerebellar Theta Frequency Transcranial Pulsed Stimulation Increases Frontal Theta Oscillations in Patients with Schizophrenia. <i>Cerebellum</i> , 2019, 18, 489-499.	2.5	28
14	Eyeblink conditioning in unmedicated schizophrenia patients: A positron emission tomography study. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 402-409.	1.8	25
15	Eyeblink Conditioning in Healthy Adults: A Positron Emission Tomography Study. <i>Cerebellum</i> , 2012, 11, 946-956.	2.5	23
16	Blocking GABAA neurotransmission in the interposed nuclei: Effects on conditioned and unconditioned eyeblinks. <i>Brain Research</i> , 2009, 1292, 25-37.	2.2	20
17	Timing Tasks Synchronize Cerebellar and Frontal Ramping Activity and Theta Oscillations: Implications for Cerebellar Stimulation in Diseases of Impaired Cognition. <i>Frontiers in Psychiatry</i> , 2015, 6, 190.	2.6	16
18	Optogenetic approaches to evaluate striatal function in animal models of Parkinson disease. <i>Dialogues in Clinical Neuroscience</i> , 2016, 18, 99-107.	3.7	15

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19	Virtual Brain Projection for Evaluating Trans-skull Beam Behavior of Transcranial Ultrasound Devices. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1850-1856.	1.5	11
20	Cerebellar D1DR-expressing neurons modulate the frontal cortex during timing tasks. <i>Neurobiology of Learning and Memory</i> , 2020, 170, 107067.	1.9	6
21	Deletion of the voltage-gated calcium channel, $Ca_v1.3$ , causes deficits in motor performance and associative learning. <i>Genes, Brain and Behavior</i> , 2022, 21, e12791.	2.2	5
22	The Role of the Cerebellum in Cognitive and Affective Processes. , 2018, , .		1
23	Posterior Fossa Sub-Arachnoid Cysts Observed in Patients with Bipolar Disorder: a Retrospective Cohort Study. <i>Cerebellum</i> , 2022, , .	2.5	1
24	Inactivating the middle cerebellar peduncle abolishes the expression of short-latency conditioned eyeblinks. <i>Brain Research</i> , 2009, 1303, 32-38.	2.2	0
25	Editorial: Cerebellar function. <i>Neurobiology of Learning and Memory</i> , 2020, 170, 107212.	1.9	0