Daniel K Leventhal

List of Publications by Year
in descending order

26 papers	1,463 citations	567281 15 h-index	642732 23 g-index
30 all docs	30 docs citations	30 times ranked	1928 citing authors

#	Article	IF	Citations
1	Canceling actions involves a race between basal ganglia pathways. Nature Neuroscience, 2013, 16, 1118-1124.	14.8	351
2	Basal Ganglia Beta Oscillations Accompany Cue Utilization. Neuron, 2012, 73, 523-536.	8.1	252
3	Arkypallidal Cells Send a Stop Signal to Striatum. Neuron, 2016, 89, 308-316.	8.1	186
4	Selective Inhibition of Striatal Fast-Spiking Interneurons Causes Dyskinesias. Journal of Neuroscience, 2011, 31, 15727-15731.	3.6	170
5	Subfascicle Stimulation Selectivity with the Flat Interface Nerve Electrode. Annals of Biomedical Engineering, 2003, 31, 643-652.	2.5	73
6	Review: Electrophysiology of Basal Ganglia and Cortex in Models of Parkinson Disease. Journal of Parkinson's Disease, 2013, 3, 241-254.	2.8	53
7	Chronic Measurement of the Stimulation Selectivity of the Flat Interface Nerve Electrode. IEEE Transactions on Biomedical Engineering, 2004, 51, 1649-1658.	4.2	48
8	Distinct Populations of Motor Thalamic Neurons Encode Action Initiation, Action Selection, and Movement Vigor. Journal of Neuroscience, 2018, 38, 6563-6573.	3.6	41
9	Chronic histological effects of the flat interface nerve electrode. Journal of Neural Engineering, 2006, 3, 102-113.	3.5	40
10	Sensorimotor Processing in the Basal Ganglia Leads to Transient Beta Oscillations during Behavior. Journal of Neuroscience, 2017, 37, 11220-11232.	3.6	40
11	Mouse Models of Neurodevelopmental Disease of the Basal Ganglia and Associated Circuits. Current Topics in Developmental Biology, 2014, 109, 97-169.	2.2	35
12	Precisely timed dopamine signals establish distinct kinematic representations of skilled movements. ELife, 2020, 9, .	6.0	34
13	An automated rat single pellet reaching system with high-speed video capture. Journal of Neuroscience Methods, 2016, 271, 119-127.	2.5	33
14	The missing, the short, and the long: Levodopa responses and dopamine actions. Annals of Neurology, 2017, 82, 4-19.	5.3	32
15	Dissociable effects of dopamine on learning and performance within sensorimotor striatum. Basal Ganglia, 2014, 4, 43-54.	0.3	30
16	Automated Rat Single-Pellet Reaching with 3-Dimensional Reconstruction of Paw and Digit Trajectories. Journal of Visualized Experiments, 2019, , .	0.3	16
17	A suggested minimum standard deep brain stimulation evaluation for essential tremor. Journal of the Neurological Sciences, 2016, 362, 165-168.	0.6	6
18	Interactions Between Motor Thalamic Field Potentials and Single-Unit Spiking Are Correlated With Behavior in Rats. Frontiers in Neural Circuits, 2020, 14, 52.	2.8	6

#	Article	IF	Citations
19	Revisiting the â€œParadox of Stereotaxic Surgeryâ€: Insights Into Basal Ganglia-Thalamic Interactions. Frontiers in Systems Neuroscience, 2021, 15, 725876.	2.5	5
20	Evolution of Gross Forelimb and Fine Digit Kinematics during Skilled Reaching Acquisition in Rats. ENeuro, 2021, 8, ENEURO.0153-21.2021.	1.9	5
21	Delayed Dopamine Agonist Withdrawal Syndrome After Deep Brain Stimulation for Parkinson Disease. Neurology: Clinical Practice, 2021, 11, e35-e36.	1.6	2
22	Dopamine neuron stimulation induces context-dependent abnormal involuntary movements in healthy rats. IScience, 2022, 25, 103974.	4.1	2
23	A dystonia mouse model with motor and sequencing deficits paralleling human disease. Behavioural Brain Research, 2022, 426, 113844.	2.2	2
24	Deep Brain Stimulation for Parkinson Disease. , 2017, , 107-136.		0
25	Reply to â€œthe missing, the short, and the long: Exploring the borderland between psychiatry and neurologyâ€: Annals of Neurology, 2017, 82, 493-494.	5.3	0
26	Interviewing Mice and the Functions of Striatal Dopamine. Movement Disorders, 2021, 36, 1330-1331.	3.9	0