

François Windels

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,564
citations

430874

18
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1844
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in pallidal neural activity following long-term symptom improvement from botulinum toxin treatment in DYT6 dystonia: a case report. <i>Journal of Medical Case Reports</i> , 2022, 16, 15.	0.8	1
2	A randomised, double-blind, sham-controlled trial of deep brain stimulation of the bed nucleus of the stria terminalis for treatment-resistant obsessive-compulsive disorder. <i>Translational Psychiatry</i> , 2021, 11, 190.	4.8	55
3	Saturated free fatty acids and association with memory formation. <i>Nature Communications</i> , 2021, 12, 3443.	12.8	22
4	Light Detection in Open-Circuit Voltage Mode of Organic Photodetectors. <i>Advanced Functional Materials</i> , 2020, 30, 1907964.	14.9	37
5	Organic Optoelectronic Diodes as Tactile Sensors for Soft-Touch Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21775-21783.	8.0	19
6	Single-unit activity of the anterior Globus pallidus internus in Tourette patients and posterior Globus pallidus internus in dystonic patients. <i>Clinical Neurophysiology</i> , 2017, 128, 2510-2518.	1.5	14
7	Auditory Tones and Foot-Shock Recapitulate Spontaneous Sub-Threshold Activity in Basolateral Amygdala Principal Neurons and Interneurons. <i>PLoS ONE</i> , 2016, 11, e0155192.	2.5	9
8	Where and what is the PPN and what is its role in locomotion?. <i>Brain</i> , 2015, 138, 1133-1134.	7.6	13
9	Rodent Scope: A User-Configurable Digital Wireless Telemetry System for Freely Behaving Animals. <i>PLoS ONE</i> , 2014, 9, e89949.	2.5	11
10	The Role of p75 ^{NTR} in Cholinergic Basal Forebrain Structure and Function. <i>Journal of Neuroscience</i> , 2014, 34, 13033-13038.	3.6	44
11	Imagined gait modulates neuronal network dynamics in the human pedunculo-pontine nucleus. <i>Nature Neuroscience</i> , 2014, 17, 449-454.	14.8	99
12	Lesions of the Basal Forebrain Cholinergic System in Mice Disrupt Idiopathic Navigation. <i>PLoS ONE</i> , 2013, 8, e53472.	2.5	36
13	Targeted Ablation of Oligodendrocytes Induces Axonal Pathology Independent of Overt Demyelination. <i>Journal of Neuroscience</i> , 2012, 32, 8317-8330.	3.6	97
14	Action Potential Waveform Variability Limits Multi-Unit Separation in Freely Behaving Rats. <i>PLoS ONE</i> , 2012, 7, e38482.	2.5	42
15	Inhibition Dominates the Early Phase of Up-States in the Basolateral Amygdala. <i>Journal of Neurophysiology</i> , 2010, 104, 3433-3438.	1.8	15
16	Oscillations in the Basolateral Amygdala: Aversive Stimulation Is State Dependent and Resets the Oscillatory Phase. <i>Journal of Neurophysiology</i> , 2009, 102, 1379-1387.	1.8	10
17	GABAergic mechanisms in regulating the activity state of substantia nigra pars reticulata neurons. <i>Neuroscience</i> , 2006, 140, 1289-1299.	2.3	27
18	Stability of substantia nigra pars reticulata neuronal discharge rates during dopamine receptor blockade and its possible mechanisms. <i>NeuroReport</i> , 2006, 17, 1071-1075.	1.2	3

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19	Dopamine action in the substantia nigra pars reticulata: iontophoretic studies in awake, unrestrained rats. <i>European Journal of Neuroscience</i> , 2006, 24, 1385-1394.	2.6	33
20	Neuronal Activity: From In Vitro Preparation to Behaving Animals. <i>Molecular Neurobiology</i> , 2006, 34, 1-26.	4.0	10
21	General anesthesia as a factor affecting impulse activity and neuronal responses to putative neurotransmitters. <i>Brain Research</i> , 2006, 1086, 104-116.	2.2	25
22	Pallidal Origin of GABA Release within the Substantia Nigra Pars Reticulata during High-Frequency Stimulation of the Subthalamic Nucleus. <i>Journal of Neuroscience</i> , 2005, 25, 5079-5086.	3.6	120
23	High Frequency Stimulation of the Subthalamic Nucleus. , 2005, , 243-253.		7
24	GABA, Not Glutamate, Controls the Activity of Substantia Nigra Reticulata Neurons in Awake, Unrestrained Rats. <i>Journal of Neuroscience</i> , 2004, 24, 6751-6754.	3.6	43
25	Influence of the frequency parameter on extracellular glutamate and γ -aminobutyric acid in substantia nigra and globus pallidus during electrical stimulation of subthalamic nucleus in rats. <i>Journal of Neuroscience Research</i> , 2003, 72, 259-267.	2.9	156
26	Modulatory action of acetylcholine on striatal neurons: microiontophoretic study in awake, unrestrained rats. <i>European Journal of Neuroscience</i> , 2003, 17, 613-622.	2.6	21
27	Neurochemical Mechanisms Induced by High Frequency Stimulation of the Subthalamic Nucleus: Increase of Extracellular Striatal Glutamate and GABA in Normal and Hemiparkinsonian Rats. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 1228-1240.	1.7	68
28	Neurochemical Modifications Induced By High Frequency Stimulation of the Subthalamic Nucleus in Rats. <i>Advances in Behavioral Biology</i> , 2002, , 581-590.	0.2	9
29	High Frequency Stimulation of the Subthalamic Nucleus Increases the Extracellular Contents of Striatal Dopamine in Normal and Partially Dopaminergic Denervated Rats. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001, 60, 15-24.	1.7	126
30	Unrelated course of subthalamic nucleus and globus pallidus neuronal activities across vigilance states in the rat. <i>European Journal of Neuroscience</i> , 2000, 12, 3361-3374.	2.6	94
31	Effects of high frequency stimulation of subthalamic nucleus on extracellular glutamate and GABA in substantia nigra and globus pallidus in the normal rat. <i>European Journal of Neuroscience</i> , 2000, 12, 4141-4146.	2.6	297