

Mark O West

List of Publications by Year in descending order

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46
papers

1,692
citations

304743

22
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Representation of the body by single neurons in the dorsolateral striatum of the awake, unrestrained rat. <i>Journal of Comparative Neurology</i> , 1991, 309, 231-249.	1.6	193
2	Phasic Firing of Single Neurons in the Rat Nucleus Accumbens Correlated with the Timing of Intravenous Cocaine Self-Administration. <i>Journal of Neuroscience</i> , 1996, 16, 3459-3473.	3.6	138
3	Persistent Cue-Evoked Activity of Accumbens Neurons after Prolonged Abstinence from Self-Administered Cocaine. <i>Journal of Neuroscience</i> , 2003, 23, 7239-7245.	3.6	122
4	Changes in activity of the striatum during formation of a motor habit. <i>European Journal of Neuroscience</i> , 2007, 25, 1212-1227.	2.6	104
5	Loss of Lever Press-Related Firing of Rat Striatal Forelimb Neurons after Repeated Sessions in a Lever Pressing Task. <i>Journal of Neuroscience</i> , 1997, 17, 1804-1814.	3.6	101
6	Dose-dependent differences in short ultrasonic vocalizations emitted by rats during cocaine self-administration. <i>Psychopharmacology</i> , 2010, 211, 435-442.	3.1	74
7	Tonic firing of rat nucleus accumbens neurons: changes during the first 2 weeks of daily cocaine self-administration sessions. <i>Brain Research</i> , 1999, 822, 231-236.	2.2	70
8	Phasic Firing Time Locked to Cocaine Self-Infusion and Locomotion: Dissociable Firing Patterns of Single Nucleus Accumbens Neurons in the Rat. <i>Journal of Neuroscience</i> , 1998, 18, 7588-7598.	3.6	69
9	Operant behavior during sessions of intravenous cocaine infusion is necessary and sufficient for phasic firing of single nucleus accumbens neurons. <i>Brain Research</i> , 1997, 757, 280-284.	2.2	64
10	Anesthetics Eliminate Somatosensory-Evoked Discharges of Neurons in the Somatotopically Organized Sensorimotor Striatum of the Rat. <i>Journal of Neuroscience</i> , 1998, 18, 9055-9068.	3.6	63
11	Ultrasonic Vocalizations as a Measure of Affect in Preclinical Models of Drug Abuse: A Review of Current Findings. <i>Current Neuropharmacology</i> , 2015, 13, 193-210.	2.9	60
12	Distributions of single neurons related to body parts in the lateral striatum of the rat. <i>Brain Research</i> , 1997, 756, 241-246.	2.2	58
13	Differential roles of ventral pallidum subregions during cocaine self-administration behaviors. <i>Journal of Comparative Neurology</i> , 2013, 521, 558-588.	1.6	51
14	Differences Between Accumbens Core and Shell Neurons Exhibiting Phasic Firing Patterns Related to Drug-Seeking Behavior During a Discriminative-Stimulus Task. <i>Journal of Neurophysiology</i> , 2004, 92, 1608-1614.	1.8	43
15	Rapid phasic activity of ventral pallidal neurons during cocaine self-administration. <i>Synapse</i> , 2010, 64, 704-713.	1.2	36
16	Ultrasonic vocalizations: evidence for an affective opponent process during cocaine self-administration. <i>Psychopharmacology</i> , 2014, 231, 909-918.	3.1	35
17	Low-dose amphetamine elevates movement-related firing of rat striatal neurons. <i>Brain Research</i> , 1997, 745, 331-335.	2.2	33
18	Evidence for Habitual and Goal-Directed Behavior Following Devaluation of Cocaine: A Multifaceted Interpretation of Relapse. <i>PLoS ONE</i> , 2009, 4, e7170.	2.5	29

#	ARTICLE	IF	CITATIONS
19	Decreased Firing of Striatal Neurons Related to Licking during Acquisition and Overtraining of a Licking Task. <i>Journal of Neuroscience</i> , 2009, 29, 13952-13961.	3.6	28
20	Slow phasic and tonic activity of ventral pallidal neurons during cocaine self-administration. <i>Synapse</i> , 2012, 66, 106-127.	1.2	24
21	Automated detection of 50-kHz ultrasonic vocalizations using template matching in XBAT. <i>Journal of Neuroscience Methods</i> , 2014, 236, 68-75.	2.5	24
22	Firing rate dependent effect of cocaine on single neurons of the rat lateral striatum. <i>Brain Research</i> , 1997, 760, 261-265.	2.2	23
23	Rat ultrasonic vocalizations demonstrate that the motivation to contextually reinstate cocaine-seeking behavior does not necessarily involve a hedonic response. <i>Addiction Biology</i> , 2014, 19, 781-790.	2.6	23
24	Dopamine depletion causes fragmented clustering of neurons in the sensorimotor striatum: Evidence of lasting reorganization of corticostriatal input. <i>Journal of Comparative Neurology</i> , 2002, 452, 24-37.	1.6	21
25	Electrophysiological evidence of mediolateral functional dichotomy in the rat accumbens during cocaine self-administration: tonic firing patterns. <i>European Journal of Neuroscience</i> , 2009, 30, 2387-2400.	2.6	20
26	Electrophysiological evidence of alterations to the nucleus accumbens and dorsolateral striatum during chronic cocaine self-administration. <i>European Journal of Neuroscience</i> , 2015, 41, 1538-1552.	2.6	18
27	Effects of varying reinforcement probability on pavlovian approach behavior and ultrasonic vocalizations in rats. <i>Behavioural Brain Research</i> , 2013, 237, 256-262.	2.2	15
28	Dose- and Rate-Dependent Effects of Cocaine on Striatal Firing Related to Licking. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 701-713.	2.5	13
29	Building An Open-source Robotic Stereotaxic Instrument. <i>Journal of Visualized Experiments</i> , 2013, , e51006.	0.3	13
30	Single body parts are processed by individual neurons in the mouse dorsolateral striatum. <i>Brain Research</i> , 2016, 1636, 200-207.	2.2	13
31	Electrophysiological evidence of mediolateral functional dichotomy in the rat nucleus accumbens during cocaine self-administration II: phasic firing patterns. <i>European Journal of Neuroscience</i> , 2010, 31, 1671-1682.	2.6	12
32	Acute Effects of Cocaine on Movement-Related Firing of Dorsolateral Striatal Neurons Depend on Pre-drug Firing Rate and Dose. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 667-683.	2.5	12
33	Evidence for learned skill during cocaine self-administration in rats. <i>Psychopharmacology</i> , 2011, 217, 91-100.	3.1	11
34	Homogeneous processing in the striatal direct and indirect pathways: single body part sensitive type b neurons may express either dopamine receptor D1 or D2. <i>European Journal of Neuroscience</i> , 2017, 46, 2380-2391.	2.6	10
35	Absence of cue-evoked firing in rat dorsolateral striatum neurons. <i>Behavioural Brain Research</i> , 2010, 211, 23-32.	2.2	9
36	Amphetamine's dose-dependent effects on dorsolateral striatum sensorimotor neuron firing. <i>Behavioural Brain Research</i> , 2013, 244, 152-161.	2.2	9

#	ARTICLE	IF	CITATIONS
37	Representation of the body in the lateral striatum of the freely moving rat: Fast Spiking Interneurons respond to stimulation of individual body parts. <i>Brain Research</i> , 2017, 1657, 101-108.	2.2	9
38	Olfactory tubercle neurons exhibit slow-phasic firing patterns during cocaine self-administration. <i>Synapse</i> , 2014, 68, n/a-n/a.	1.2	8
39	Emergence of negative affect as motivation for drug taking in rats chronically self-administering cocaine. <i>Psychopharmacology</i> , 2020, 237, 1407-1420.	3.1	8
40	Sensitivity to self-administered cocaine within the lateral preoptic-rostral lateral hypothalamic continuum. <i>Brain Structure and Function</i> , 2015, 220, 1841-1854.	2.3	6
41	The role of the nucleus accumbens in learned approach behavior diminishes with training. <i>European Journal of Neuroscience</i> , 2019, 50, 3403-3415.	2.6	6
42	Chronic Fentanyl Self-Administration Generates a Shift toward Negative Affect in Rats during Drug Use. <i>Brain Sciences</i> , 2021, 11, 1064.	2.3	5
43	A Procedure for Implanting Organized Arrays of Microwires for Single-unit Recordings in Awake, Behaving Animals. <i>Journal of Visualized Experiments</i> , 2014, , e51004.	0.3	4
44	Ultrasonic Vocalizations Capture Opposing Affective States During Drug Self-Administration: Revisiting the Opponent-Process Model of Addiction. <i>Handbook of Behavioral Neuroscience</i> , 2018, 25, 389-399.	0.7	3
45	Reward versus motoric activations in nucleus accumbens core of rats during Pavlovian conditioning. <i>European Journal of Neuroscience</i> , 2022, 56, 3570-3590.	2.6	2
46	Lateral preoptic area neurons signal cocaine self-administration behaviors. <i>European Journal of Neuroscience</i> , 2021, 54, 6397-6405.	2.6	0