Mark O West

List of Publications by Year
in descending order

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	Reward versus motoric activations in nucleus accumbens core of rats during Pavlovian conditioning. European Journal of Neuroscience, 2022, 56, 3570-3590.	2.6	2
2	Chronic Fentanyl Self-Administration Generates a Shift toward Negative Affect in Rats during Drug Use. Brain Sciences, 2021, 11, 1064.	2.3	5
3	Lateral preoptic area neurons signal cocaine selfâ€administration behaviors. European Journal of Neuroscience, 2021, 54, 6397-6405.	2.6	0
4	Emergence of negative affect as motivation for drug taking in rats chronically self-administering cocaine. Psychopharmacology, 2020, 237, 1407-1420.	3.1	8
5	The role of the nucleus accumbens in learned approach behavior diminishes with training. European Journal of Neuroscience, 2019, 50, 3403-3415.	2.6	6
6	Ultrasonic Vocalizations Capture Opposing Affective States During Drug Self-Administration: Revisiting the Opponent-Process Model of Addiction. Handbook of Behavioral Neuroscience, 2018, 25, 389-399.	0.7	3
7	Representation of the body in the lateral striatum of the freely moving rat: Fast Spiking Interneurons respond to stimulation of individual body parts. Brain Research, 2017, 1657, 101-108.	2.2	9
8	Homogeneous processing in the striatal direct and indirect pathways: single body part sensitive type <scp>II</scp>b neurons may express either dopamine receptor D1 or D2. European Journal of Neuroscience, 2017, 46, 2380-2391.	2.6	10
9	Single body parts are processed by individual neurons in the mouse dorsolateral striatum. Brain Research, 2016, 1636, 200-207.	2.2	13
10	Electrophysiological evidence of alterations to the nucleus accumbens and dorsolateral striatum during chronic cocaine selfâ€administration. European Journal of Neuroscience, 2015, 41, 1538-1552.	2.6	18
11	Sensitivity to self-administered cocaine within the lateral preopticâ€“rostral lateral hypothalamic continuum. Brain Structure and Function, 2015, 220, 1841-1854.	2.3	6
12	Ultrasonic Vocalizations as a Measure of Affect in Preclinical Models of Drug Abuse: A Review of Current Findings. Current Neuropharmacology, 2015, 13, 193-210.	2.9	60
13	Automated detection of 50-kHz ultrasonic vocalizations using template matching in XBAT. Journal of Neuroscience Methods, 2014, 236, 68-75.	2.5	24
14	Olfactory tubercle neurons exhibit slow-phasic firing patterns during cocaine self-administration. Synapse, 2014, 68, n/a-n/a.	1.2	8
15	A Procedure for Implanting Organized Arrays of Microwires for Single-unit Recordings in Awake, Behaving Animals. Journal of Visualized Experiments, 2014, , e51004.	0.3	4
16	Ultrasonic vocalizations: evidence for an affective opponent process during cocaine self-administration. Psychopharmacology, 2014, 231, 909-918.	3.1	35
17	Rat ultrasonic vocalizations demonstrate that the motivation to contextually reinstate cocaineâ€seeking behavior does not necessarily involve a hedonic response. Addiction Biology, 2014, 19, 781-790.	2.6	23
18	Amphetamine's dose-dependent effects on dorsolateral striatum sensorimotor neuron firing. Behavioural Brain Research, 2013, 244, 152-161.	2.2	9

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19	Differential roles of ventral pallidum subregions during cocaine selfâ€administration behaviors. Journal of Comparative Neurology, 2013, 521, 558-588.	1.6	51
20	Effects of varying reinforcement probability on pavlovian approach behavior and ultrasonic vocalizations in rats. Behavioural Brain Research, 2013, 237, 256-262.	2.2	15
21	Building An Open-source Robotic Stereotaxic Instrument. Journal of Visualized Experiments, 2013, , e51006.	0.3	13
22	Slow phasic and tonic activity of ventral pallidal neurons during cocaine selfâ€administration. Synapse, 2012, 66, 106-127.	1.2	24
23	Evidence for learned skill during cocaine self-administration in rats. Psychopharmacology, 2011, 217, 91-100.	3.1	11
24	Dose-dependent differences in short ultrasonic vocalizations emitted by rats during cocaine self-administration. Psychopharmacology, 2010, 211, 435-442.	3.1	74
25	Rapid phasic activity of ventral pallidal neurons during cocaine selfâ€administration. Synapse, 2010, 64, 704-713.	1.2	36
26	Electrophysiological evidence of mediolateral functional dichotomy in the rat nucleus accumbens during cocaine selfâ€administration II: phasic firing patterns. European Journal of Neuroscience, 2010, 31, 1671-1682.	2.6	12
27	Acute Effects of Cocaine on Movement-Related Firing of Dorsolateral Striatal Neurons Depend on Predrug Firing Rate and Dose. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 667-683.	2.5	12
28	Absence of cue-evoked firing in rat dorsolateral striatum neurons. Behavioural Brain Research, 2010, 211, 23-32.	2.2	9
29	Evidence for Habitual and Goal-Directed Behavior Following Devaluation of Cocaine: A Multifaceted Interpretation of Relapse. PLoS ONE, 2009, 4, e7170.	2.5	29
30	Decreased Firing of Striatal Neurons Related to Licking during Acquisition and Overtraining of a Licking Task. Journal of Neuroscience, 2009, 29, 13952-13961.	3.6	28
31	Electrophysiological evidence of mediolateral functional dichotomy in the rat accumbens during cocaine selfâ€administration: tonic firing patterns. European Journal of Neuroscience, 2009, 30, 2387-2400.	2.6	20
32	Dose- and Rate-Dependent Effects of Cocaine on Striatal Firing Related to Licking. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 701-713.	2.5	13
33	Changes in activity of the striatum during formation of a motor habit. European Journal of Neuroscience, 2007, 25, 1212-1227.	2.6	104
34	Differences Between Accumbens Core and Shell Neurons Exhibiting Phasic Firing Patterns Related to Drug-Seeking Behavior During a Discriminative-Stimulus Task. Journal of Neurophysiology, 2004, 92, 1608-1614.	1.8	43
35	Persistent Cue-Evoked Activity of Accumbens Neurons after Prolonged Abstinence from Self-Administered Cocaine. Journal of Neuroscience, 2003, 23, 7239-7245.	3.6	122
36	Dopamine depletion causes fragmented clustering of neurons in the sensorimotor striatum: Evidence of lasting reorganization of corticostriatal input. Journal of Comparative Neurology, 2002, 452, 24-37.	1.6	21

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37	Tonic firing of rat nucleus accumbens neurons: changes during the first 2 weeks of daily cocaine self-administration sessions. Brain Research, 1999, 822, 231-236.	2.2	70
38	Anesthetics Eliminate Somatosensory-Evoked Discharges of Neurons in the Somatotopically Organized Sensorimotor Striatum of the Rat. Journal of Neuroscience, 1998, 18, 9055-9068.	3.6	63
39	Phasic Firing Time Locked to Cocaine Self-Infusion and Locomotion: Dissociable Firing Patterns of Single Nucleus Accumbens Neurons in the Rat. Journal of Neuroscience, 1998, 18, 7588-7598.	3.6	69
40	Loss of Lever Press-Related Firing of Rat Striatal Forelimb Neurons after Repeated Sessions in a Lever Pressing Task. Journal of Neuroscience, 1997, 17, 1804-1814.	3.6	101
41	Low-dose amphetamine elevates movement-related firing of rat striatal neurons. Brain Research, 1997, 745, 331-335.	2.2	33
42	Distributions of single neurons related to body parts in the lateral striatum of the rat. Brain Research, 1997, 756, 241-246.	2.2	58
43	Operant behavior during sessions of intravenous cocaine infusion is necessary and sufficient for phasic firing of single nucleus accumbens neurons. Brain Research, 1997, 757, 280-284.	2.2	64
44	Firing rate dependent effect of cocaine on single neurons of the rat lateral striatum. Brain Research, 1997, 760, 261-265.	2.2	23
45	Phasic Firing of Single Neurons in the Rat Nucleus Accumbens Correlated with the Timing of Intravenous Cocaine Self-Administration. Journal of Neuroscience, 1996, 16, 3459-3473.	3.6	138
46	Representation of the body by single neurons in the dorsolateral striatum of the awake, unrestrained rat. Journal of Comparative Neurology, 1991, 309, 231-249.	1.6	193