

Eugene A Kiyatkin

List of Publications by Citations

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141
papers

4,064
citations

34
h-index

57
g-index

143
ext. papers

4,396
ext. citations

4.1
avg, IF

6.12
L-index

#	Paper	IF	Citations
141	Dopaminergic modulation of glutamate-induced excitations of neurons in the neostriatum and nucleus accumbens of awake, unrestrained rats. <i>Journal of Neurophysiology</i> , 1996 , 75, 142-53	3.2	230
140	Electrochemical monitoring of extracellular dopamine in nucleus accumbens of rats lever-pressing for food. <i>Brain Research</i> , 1994 , 652, 225-34	3.7	170
139	Permeability of the blood-brain barrier depends on brain temperature. <i>Neuroscience</i> , 2009 , 161, 926-39	3.9	134
138	Brain temperature homeostasis: physiological fluctuations and pathological shifts. <i>Frontiers in Bioscience - Landmark</i> , 2010 , 15, 73-92	2.8	129
137	Brain temperature fluctuation: a reflection of functional neural activation. <i>European Journal of Neuroscience</i> , 2002 , 16, 164-8	3.5	129
136	Drug- and behavior-associated changes in dopamine-related electrochemical signals during intravenous heroin self-administration in rats. <i>Synapse</i> , 1993 , 14, 60-72	2.4	111
135	Functional significance of mesolimbic dopamine. <i>Neuroscience and Biobehavioral Reviews</i> , 1995 , 19, 573-98	3.9	104
134	Brain edema and breakdown of the blood-brain barrier during methamphetamine intoxication: critical role of brain hyperthermia. <i>European Journal of Neuroscience</i> , 2007 , 26, 1242-53	3.5	103
133	Rapid morphological brain abnormalities during acute methamphetamine intoxication in the rat: an experimental study using light and electron microscopy. <i>Journal of Chemical Neuroanatomy</i> , 2009 , 37, 18-32	3.2	96
132	Brain hyperthermia as physiological and pathological phenomena. <i>Brain Research Reviews</i> , 2005 , 50, 27-56	3.9	94
131	Heterogeneity of ventral tegmental area neurons: single-unit recording and iontophoresis in awake, unrestrained rats. <i>Neuroscience</i> , 1998 , 85, 1285-309	3.9	92
130	Striatal neuronal activity and responsiveness to dopamine and glutamate after selective blockade of D1 and D2 dopamine receptors in freely moving rats. <i>Journal of Neuroscience</i> , 1999 , 19, 3594-609	6.6	85
129	Brain hyperthermia induced by MDMA (ecstasy): modulation by environmental conditions. <i>European Journal of Neuroscience</i> , 2004 , 20, 51-8	3.5	82
128	Brain and body temperature homeostasis during sodium pentobarbital anesthesia with and without body warming in rats. <i>Physiology and Behavior</i> , 2005 , 84, 563-70	3.5	76
127	Brain temperature fluctuations during physiological and pathological conditions. <i>European Journal of Applied Physiology</i> , 2007 , 101, 3-17	3.4	75
126	Fluctuations in nucleus accumbens dopamine during cocaine self-administration behavior: an in vivo electrochemical study. <i>Neuroscience</i> , 1995 , 64, 599-617	3.9	69
125	Brain hyperthermia is induced by methamphetamine and exacerbated by social interaction. <i>Journal of Neuroscience</i> , 2003 , 23, 3924-9	6.6	65

124	Acute methamphetamine intoxication: brain hyperthermia, blood-brain barrier, brain edema, and morphological cell abnormalities. <i>International Review of Neurobiology</i> , 2009 , 88, 65-100	4.4	62
123	Impulse activity of ventral tegmental area neurons during heroin self-administration in rats. <i>Neuroscience</i> , 2001 , 102, 565-80	3.9	57
122	Modulation of striatal neuronal activity by glutamate and GABA: iontophoresis in awake, unrestrained rats. <i>Brain Research</i> , 1999 , 822, 88-106	3.7	56
121	Conditioned changes in nucleus accumbens dopamine signal established by intravenous cocaine in rats. <i>Neuroscience Letters</i> , 1996 , 211, 73-6	3.3	52
120	Phasic inhibition of dopamine uptake in nucleus accumbens induced by intravenous cocaine in freely behaving rats. <i>Neuroscience</i> , 2000 , 98, 729-41	3.9	50
119	Respiratory depression and brain hypoxia induced by opioid drugs: Morphine, oxycodone, heroin, and fentanyl. <i>Neuropharmacology</i> , 2019 , 151, 219-226	5.5	47
118	Activity of presumed dopamine neurons in the ventral tegmental area during heroin self-administration. <i>NeuroReport</i> , 1997 , 8, 2581-5	1.7	44
117	Rapid fluctuations in extracellular brain glucose levels induced by natural arousing stimuli and intravenous cocaine: fueling the brain during neural activation. <i>Journal of Neurophysiology</i> , 2012 , 108, 1669-84	3.2	43
116	Dopamine in the nucleus accumbens: cellular actions, drug- and behavior-associated fluctuations, and a possible role in an organism's adaptive activity. <i>Behavioural Brain Research</i> , 2002 , 137, 27-46	3.4	43
115	GABA, not glutamate, controls the activity of substantia nigra reticulata neurons in awake, unrestrained rats. <i>Journal of Neuroscience</i> , 2004 , 24, 6751-4	6.6	42
114	Fluctuations in brain temperature during sexual interaction in male rats: an approach for evaluating neural activity underlying motivated behavior. <i>Neuroscience</i> , 2003 , 119, 1169-83	3.9	42
113	Ascorbate modulates glutamate-induced excitations of striatal neurons. <i>Brain Research</i> , 1998 , 812, 14-23	3.7	40
112	Critical role of peripheral vasoconstriction in fatal brain hyperthermia induced by MDMA (Ecstasy) under conditions that mimic human drug use. <i>Journal of Neuroscience</i> , 2014 , 34, 7754-62	6.6	39
111	Physiological fluctuations in brain temperature as a factor affecting electrochemical evaluations of extracellular glutamate and glucose in behavioral experiments. <i>ACS Chemical Neuroscience</i> , 2013 , 4, 652-65	5.7	39
110	Severe brain hypothermia as a factor underlying behavioral immobility during cold-water forced swim. <i>Brain Research</i> , 2003 , 975, 244-7	3.7	38
109	Rapid changes in extracellular glutamate induced by natural arousing stimuli and intravenous cocaine in the nucleus accumbens shell and core. <i>Journal of Neurophysiology</i> , 2012 , 108, 285-99	3.2	37
108	Dopamine-independent action of cocaine on striatal and accumbal neurons. <i>European Journal of Neuroscience</i> , 2000 , 12, 1789-800	3.5	36
107	Differentiating the rapid actions of cocaine. <i>Nature Reviews Neuroscience</i> , 2011 , 12, 479-84	13.5	34

106	Brain hyperthermia during physiological and pathological conditions: causes, mechanisms, and functional implications. <i>Current Neurovascular Research</i> , 2004 , 1, 77-90	1.8	34
105	Fluctuations in neural activity during cocaine self-administration: clues provided by brain thermorecording. <i>Neuroscience</i> , 2003 , 116, 525-38	3.9	34
104	The hidden side of drug action: brain temperature changes induced by neuroactive drugs. <i>Psychopharmacology</i> , 2013 , 225, 765-80	4.7	33
103	Brain and body hyperthermia associated with heroin self-administration in rats. <i>Journal of Neuroscience</i> , 2002 , 22, 1072-80	6.6	33
102	Effects of social interaction and warm ambient temperature on brain hyperthermia induced by the designer drugs methylone and MDPV. <i>Neuropsychopharmacology</i> , 2015 , 40, 436-45	8.7	30
101	Behavioral and temperature effects of delta 9-tetrahydrocannabinol in human-relevant doses in rats. <i>Brain Research</i> , 2008 , 1228, 145-60	3.7	29
100	Procedure of rectal temperature measurement affects brain, muscle, skin, and body temperatures and modulates the effects of intravenous cocaine. <i>Brain Research</i> , 2007 , 1154, 61-70	3.7	29
99	Rapid EEG desynchronization and EMG activation induced by intravenous cocaine in freely moving rats: a peripheral, nondopamine neural triggering. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R285-300	3.2	27
98	Dopamine action in the substantia nigra pars reticulata: iontophoretic studies in awake, unrestrained rats. <i>European Journal of Neuroscience</i> , 2006 , 24, 1385-94	3.5	27
97	Dopamine-dependent and dopamine-independent actions of cocaine as revealed by brain thermorecording in freely moving rats. <i>European Journal of Neuroscience</i> , 2005 , 22, 930-8	3.5	27
96	Striatal hyperthermia associated with arousal: intracranial thermorecordings in behaving rats. <i>Brain Research</i> , 2001 , 918, 141-52	3.7	26
95	Behavioral and pharmacological modulation of ventral tegmental dendritic dopamine release. <i>Brain Research</i> , 1994 , 656, 59-70	3.7	26
94	Heroin Contaminated with Fentanyl Dramatically Enhances Brain Hypoxia and Induces Brain Hypothermia. <i>ENeuro</i> , 2017 , 4,	3.9	26
93	Iontophoresis of amphetamine in the neostriatum and nucleus accumbens of awake, unrestrained rats. <i>Brain Research</i> , 1997 , 771, 14-24	3.7	24
92	Brain temperature change and movement activation induced by intravenous cocaine delivered at various injection speeds in rats. <i>Psychopharmacology</i> , 2005 , 181, 299-308	4.7	24
91	Parsing glucose entry into the brain: novel findings obtained with enzyme-based glucose biosensors. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 108-16	5.7	23
90	General anesthesia as a factor affecting impulse activity and neuronal responses to putative neurotransmitters. <i>Brain Research</i> , 2006 , 1086, 104-16	3.7	23
89	I.v. cocaine induces rapid, transient excitation of striatal neurons via its action on peripheral neural elements: single-cell, iontophoretic study in awake and anesthetized rats. <i>Neuroscience</i> , 2007 , 148, 978-959	3.9	23

88	Brain temperature fluctuations during passive vs. active cocaine administration: clues for understanding the pharmacological determination of drug-taking behavior. <i>Brain Research</i> , 2004 , 1005, 101-16	3.7	23
87	Biphasic changes in mesolimbic dopamine signal during cocaine self-administration. <i>NeuroReport</i> , 1994 , 5, 1005-8	1.7	23
86	State-dependent peculiarities of cocaine-induced behavioral sensitization and their possible reasons. <i>International Journal of Neuroscience</i> , 1992 , 67, 93-103	2	23
85	Expression of heat shock protein (HSP 72kDa) during acute methamphetamine intoxication depends on brain hyperthermia: neurotoxicity or neuroprotection?. <i>Journal of Neural Transmission</i> , 2011 , 118, 47-60	4.3	22
84	Physiological and pathological brain hyperthermia. <i>Progress in Brain Research</i> , 2007 , 162, 219-43	2.9	22
83	Modulation of physiological brain hyperthermia by environmental temperature and impaired blood outflow in rats. <i>Physiology and Behavior</i> , 2004 , 83, 467-74	3.5	22
82	A subpopulation of neurochemically-identified ventral tegmental area dopamine neurons is excited by intravenous cocaine. <i>Journal of Neuroscience</i> , 2015 , 35, 1965-78	6.6	21
81	Rapid sensitization of physiological, neuronal, and locomotor effects of nicotine: critical role of peripheral drug actions. <i>Journal of Neuroscience</i> , 2013 , 33, 9937-49	6.6	21
80	Critical role of peripheral drug actions in experience-dependent changes in nucleus accumbens glutamate release induced by intravenous cocaine. <i>Journal of Neurochemistry</i> , 2014 , 128, 672-85	6	20
79	Intravenous Heroin Induces Rapid Brain Hypoxia and Hyperglycemia that Precede Brain Metabolic Response. <i>ENeuro</i> , 2017 , 4,	3.9	20
78	Intravenous nicotine injection induces rapid, experience-dependent sensitization of glutamate release in the ventral tegmental area and nucleus accumbens. <i>Journal of Neurochemistry</i> , 2013 , 127, 541-51	6	18
77	Naloxone depresses cocaine self-administration and delays its initiation on the following day. <i>NeuroReport</i> , 2003 , 14, 251-5	1.7	18
76	Cocaine enhances the changes in extracellular dopamine in nucleus accumbens associated with reinforcing stimuli: a high-speed chronoamperometric study in freely moving rats. <i>European Journal of Neuroscience</i> , 1993 , 5, 284-91	3.5	18
75	Brain temperature and its role in physiology and pathophysiology: Lessons from 20 years of thermorecording. <i>Temperature</i> , 2019 , 6, 271-333	5.2	18
74	Exacerbation of Methamphetamine Neurotoxicity in Cold and Hot Environments: Neuroprotective Effects of an Antioxidant Compound H-290/51. <i>Molecular Neurobiology</i> , 2015 , 52, 1023-33	6.2	17
73	Modulatory action of acetylcholine on striatal neurons: microiontophoretic study in awake, unrestrained rats. <i>European Journal of Neuroscience</i> , 2003 , 17, 613-22	3.5	17
72	Dopamine mechanisms of cocaine addiction. <i>International Journal of Neuroscience</i> , 1994 , 78, 75-101	2	17
71	Morphine-induced modification of the functional properties of ventral tegmental area neurons in conscious rat. <i>International Journal of Neuroscience</i> , 1988 , 41, 57-70	2	17

70	In a Rat Model of Opioid Maintenance, the G Protein-Biased Mu Opioid Receptor Agonist TRV130 Decreases Relapse to Oxycodone Seeking and Taking and Prevents Oxycodone-Induced Brain Hypoxia. <i>Biological Psychiatry</i> , 2020 , 88, 935-944	7.9	16
69	Methylenedioxypyrovalerone (MDPV) mimics cocaine in its physiological and behavioral effects but induces distinct changes in NAc glucose. <i>Frontiers in Neuroscience</i> , 2015 , 9, 324	5.1	16
68	Behavioral and brain temperature responses to salient environmental stimuli and intravenous cocaine in rats: effects of diazepam. <i>Psychopharmacology</i> , 2008 , 196, 343-56	4.7	16
67	Behavior-associated changes in blood pressure during heroin self-administration. <i>Pharmacology Biochemistry and Behavior</i> , 1993 , 46, 561-7	3.9	16
66	Breakdown of Blood-Brain and Blood-Spinal Cord Barriers During Acute Methamphetamine Intoxication: Role of Brain Temperature. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 1129-1138	2.6	16
65	Rapid Physiological Fluctuations in Nucleus Accumbens Oxygen Levels Induced by Arousing Stimuli: Relationships with Changes in Brain Glucose and Metabolic Neural Activation. <i>Frontiers in Integrative Neuroscience</i> , 2017 , 11, 9	3.2	15
64	Behavior-associated and post-consumption glucose entry into the nucleus accumbens extracellular space during glucose free-drinking in trained rats. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 173	3.5	15
63	Fluctuations in central and peripheral temperatures associated with feeding behavior in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 295, R1415-24	3.2	15
62	Brain temperature: from physiology and pharmacology to neuropathology. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 157, 483-504	3	15
61	Clinically Relevant Pharmacological Strategies That Reverse MDMA-Induced Brain Hyperthermia Potentiated by Social Interaction. <i>Neuropsychopharmacology</i> , 2016 , 41, 549-59	8.7	14
60	Fluctuations in nucleus accumbens extracellular glutamate and glucose during motivated glucose-drinking behavior: dissecting the neurochemistry of reward. <i>Journal of Neurochemistry</i> , 2015 , 132, 327-41	6	14
59	Environmental conditions modulate neurotoxic effects of psychomotor stimulant drugs of abuse. <i>International Review of Neurobiology</i> , 2012 , 102, 147-71	4.4	14
58	Fentanyl-Induced Brain Hypoxia Triggers Brain Hyperglycemia and Biphasic Changes in Brain Temperature. <i>Neuropsychopharmacology</i> , 2018 , 43, 810-819	8.7	13
57	Leakage of the blood-brain barrier followed by vasogenic edema as the ultimate cause of death induced by acute methamphetamine overdose. <i>International Review of Neurobiology</i> , 2019 , 146, 189-207	4.4	13
56	Central and peripheral contributions to dynamic changes in nucleus accumbens glucose induced by intravenous cocaine. <i>Frontiers in Neuroscience</i> , 2015 , 9, 42	5.1	13
55	Critical role of peripheral actions of intravenous nicotine in mediating its central effects. <i>Neuropsychopharmacology</i> , 2011 , 36, 2125-38	8.7	13
54	Sensory effects of intravenous cocaine on dopamine and non-dopamine ventral tegmental area neurons. <i>Brain Research</i> , 2008 , 1218, 230-49	3.7	13
53	Relationships between locomotor activation and alterations in brain temperature during selective blockade and stimulation of dopamine transmission. <i>Neuroscience</i> , 2007 , 145, 335-43	3.9	13

52	Robust Brain Hyperglycemia during General Anesthesia: Relationships with Metabolic Brain Inhibition and Vasodilation. <i>Frontiers in Physiology</i> , 2016 , 7, 39	4.6	13
51	Brain temperature responses to salient stimuli persist during dopamine receptor blockade despite a blockade of locomotor responses. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 91, 233-42	3.9	12
50	The role of peripheral Na(+) channels in triggering the central excitatory effects of intravenous cocaine. <i>European Journal of Neuroscience</i> , 2006 , 24, 1182-92	3.5	12
49	Brain hyperthermia and temperature fluctuations during sexual interaction in female rats. <i>Brain Research</i> , 2004 , 1000, 110-22	3.7	12
48	Not just the brain: methamphetamine disrupts blood-spinal cord barrier and induces acute glial activation and structural damage of spinal cord cells. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 282-94	2.6	12
47	Brain temperature effects of intravenous heroin: State dependency, environmental modulation, and the effects of dose. <i>Neuropharmacology</i> , 2017 , 126, 271-280	5.5	11
46	Nociceptive sensitivity/behavioral reactivity regulation in rats during aversive states of different nature: its mediation by opioid peptides. <i>International Journal of Neuroscience</i> , 1989 , 44, 91-110	2	11
45	Morphine: some puzzles of well-known substance. <i>International Journal of Neuroscience</i> , 1989 , 45, 231-46		10
44	Experience-dependent escalation of glucose drinking and the development of glucose preference over fructose - association with glucose entry into the brain. <i>European Journal of Neuroscience</i> , 2016 , 43, 1422-30	3.5	9
43	Intravenous saline injection as an interoceptive signal in rats. <i>Psychopharmacology</i> , 2011 , 217, 387-96	4.7	9
42	The role of peripheral and central sodium channels in mediating brain temperature fluctuations induced by intravenous cocaine. <i>Brain Research</i> , 2006 , 1117, 38-53	3.7	9
41	State-dependent action of cocaine on brain temperature and movement activity: implications for movement sensitization. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 77, 823-37	3.9	9
40	Neurophysiology and neurochemistry of drug dependence: a review. <i>International Journal of Neuroscience</i> , 1989 , 44, 283-316	2	9
39	Enhanced locomotor reactivity to apomorphine following repeated cocaine treatment. <i>Pharmacology Biochemistry and Behavior</i> , 1994 , 49, 247-51	3.9	8
38	Changes in dopamine-dependent electrochemical signal in the nucleus accumbens associated with repeated cocaine injections in rats. <i>Brain Research</i> , 1994 , 642, 228-36	3.7	8
37	Neurobiological background of pain and analgesia: the attempt at reevaluation according to position of the organism's adaptive activity. <i>International Journal of Neuroscience</i> , 1990 , 52, 125-88	2	8
36	Interactions of benzodiazepines with heroin: Respiratory depression, temperature effects, and behavior. <i>Neuropharmacology</i> , 2019 , 158, 107677	5.5	7
35	6-Monoacetylmorphine (6-MAM), Not Morphine, Is Responsible for the Rapid Neural Effects Induced by Intravenous Heroin. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 3409-3414	5.7	7

34	Fluctuations in brain temperature induced by lipopolysaccharides: central and peripheral contributions. <i>Oxidative Medicine and Cellular Longevity</i> , 2010 , 3, 332-41	6.7	7
33	Phasic and tonic fluctuations in brain, muscle, and skin temperatures during motivated drinking behavior in rats: physiological correlates of motivation and reward. <i>Brain Research</i> , 2010 , 1310, 87-102	3.7	7
32	Electrophysiological evaluation of the time-course of dopamine uptake inhibition induced by intravenous cocaine at a reinforcing dose. <i>Neuroscience</i> , 2008 , 151, 824-35	3.9	7
31	Reinforcing properties of morphine chronically used in aversive life conditions: place-preference paradigm, long-term changes in behavioral reactivity. <i>International Journal of Neuroscience</i> , 1991 , 57, 193-203	2	7
30	Dopaminergic involvement in nociceptive sensitivity/behavioral reactivity regulation during aversive states of different nature in the rat. <i>International Journal of Neuroscience</i> , 1989 , 44, 111-33	2	7
29	Changes in brain oxygen and glucose induced by oxycodone: Relationships with brain temperature and peripheral vascular tone. <i>Neuropharmacology</i> , 2018 , 133, 481-490	5.5	6
28	MDMA, Methylone, and MDPV: Drug-Induced Brain Hyperthermia and Its Modulation by Activity State and Environment. <i>Current Topics in Behavioral Neurosciences</i> , 2017 , 32, 183-207	3.4	6
27	Inflow of oxygen and glucose in brain tissue induced by intravenous norepinephrine: relationships with central metabolic and peripheral vascular responses. <i>Journal of Neurophysiology</i> , 2018 , 119, 499-508 ²	3.2	6
26	Opposing mechanisms underlying differential changes in brain oxygen and temperature induced by intravenous morphine. <i>Journal of Neurophysiology</i> , 2018 , 120, 2513-2521	3.2	6
25	Intravenous Cocaine Increases Oxygen Entry into Brain Tissue: Critical Role of Peripheral Drug Actions. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 1923-1928	5.7	5
24	Brain Hyperglycemia Induced by Heroin: Association with Metabolic Neural Activation. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 265-271	5.7	5
23	State-dependent and environmental modulation of brain hyperthermic effects of psychoactive drugs of abuse. <i>Temperature</i> , 2014 , 1, 201-13	5.2	5
22	Fluctuations in central and peripheral temperatures induced by intravenous nicotine: central and peripheral contributions. <i>Brain Research</i> , 2011 , 1383, 141-53	3.7	5
21	Activation-induced changes in evoked and slow brain potentials: effects of cocaine in awake rabbit. <i>International Journal of Neuroscience</i> , 1991 , 56, 151-9	2	5
20	Central and Peripheral Mechanisms Underlying Physiological and Drug-Induced Fluctuations in Brain Oxygen in Freely-Moving Rats. <i>Frontiers in Integrative Neuroscience</i> , 2018 , 12, 44	3.2	5
19	Cocaine action on peripheral, non-monoamine neural substrates as a trigger of electroencephalographic desynchronization and electromyographic activation following i.v. administration in freely moving rats. <i>Neuroscience</i> , 2010 , 165, 500-14	3.9	4
18	Differential effects of dopamine and opioid receptor blockade on motivated Coca-Cola drinking behavior and associated changes in brain, skin and muscle temperatures. <i>Neuroscience</i> , 2010 , 167, 439-55 ⁹	3.9	4
17	On the speed of cocaine. <i>Nature Reviews Neuroscience</i> , 2011 , 12, 700-700	13.5	4

16	Cocaine added to heroin fails to affect heroin-induced brain hypoxia. <i>Brain Research</i> , 2020 , 1746, 1470083-7	3.7	4
15	Clubbing with ecstasy. <i>Temperature</i> , 2014 , 1, 160-1	5.2	3
14	Critical role of peripheral sensory systems in mediating the neural effects of nicotine following its acute and repeated exposure. <i>Reviews in the Neurosciences</i> , 2014 , 25, 207-21	4.7	3
13	Stability of substantia nigra pars reticulata neuronal discharge rates during dopamine receptor blockade and its possible mechanisms. <i>NeuroReport</i> , 2006 , 17, 1071-5	1.7	3
12	Modulatory action of dopamine on acetylcholine-responsive striatal and accumbal neurons in awake, unrestrained rats. <i>Brain Research</i> , 1996 , 713, 70-8	3.7	3
11	The Role of Peripheral Opioid Receptors in Triggering Heroin-induced Brain Hypoxia. <i>Scientific Reports</i> , 2020 , 10, 833	4.9	2
10	Brain temperature could affect neurochemical evaluations. <i>Temperature</i> , 2014 , 1, 12-3	5.2	2
9	Long-term changes of striatal D-2 receptors in rats chronically exposed to morphine under aversive life conditions. <i>International Journal of Neuroscience</i> , 1991 , 58, 55-61	2	2
8	The Critical Role of Peripheral Targets in Triggering Rapid Neural Effects of Intravenous Cocaine. <i>Neuroscience</i> , 2020 , 451, 240-254	3.9	2
7	Activation-induced changes in evoked and slow brain potentials: effect of cocaine in rabbits previously subchronically treated by cocaine. <i>International Journal of Neuroscience</i> , 1991 , 59, 213-8	2	1
6	PHYSIOLOGICAL AND DRUG-INDUCED FLUCTUATIONS IN BRAIN OXYGEN AND GLUCOSE ASSESSED BY SUBSTRATESELECTIVE SENSORS COUPLED WITH HIGH-SPEED AMPEROMETRY 2019 , 219-250		1
5	Relationships between oxygen changes in the brain and periphery following physiological activation and the actions of heroin and cocaine. <i>Scientific Reports</i> , 2021 , 11, 6355	4.9	0
4	Functional role of peripheral vasoconstriction: not only thermoregulation but much more. <i>Journal of Integrative Neuroscience</i> , 2021 , 20, 755-764	1.5	0
3	Effects of alcohol on brain oxygenation and brain hypoxia induced by intravenous heroin. <i>Neuropharmacology</i> , 2021 , 197, 108713	5.5	0
2	Temperature in the spotlight of drug abuse research. <i>Temperature</i> , 2015 , 2, 27-8	5.2	
1	Neural Effects of Nicotine 2016 , 348-360		