

Ralph B Lydic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143
papers

5,577
citations

40
h-index

70
g-index

164
ext. papers

6,119
ext. citations

3.5
avg, IF

5.66
L-index

#	Paper	IF	Citations
143	General anesthesia, sleep, and coma. <i>New England Journal of Medicine</i> , 2010 , 363, 2638-50	59.2	721
142	Pontogeniculooccipital waves: spontaneous visual system activity during rapid eye movement sleep. <i>Cellular and Molecular Neurobiology</i> , 1987 , 7, 105-49	4.6	239
141	Perineural administration of dexmedetomidine in combination with bupivacaine enhances sensory and motor blockade in sciatic nerve block without inducing neurotoxicity in rat. <i>Anesthesiology</i> , 2008 , 109, 502-11	4.3	218
140	Sleep, anesthesiology, and the neurobiology of arousal state control. <i>Anesthesiology</i> , 2005 , 103, 1268-95	4.3	203
139	Perineural dexmedetomidine added to ropivacaine for sciatic nerve block in rats prolongs the duration of analgesia by blocking the hyperpolarization-activated cation current. <i>Anesthesiology</i> , 2011 , 115, 836-43	4.3	184
138	The time-course of dorsal raphe discharge, PGO waves, and muscle tone averaged across multiple sleep cycles. <i>Brain Research</i> , 1983 , 274, 365-70	3.7	181
137	Pontine nitric oxide modulates acetylcholine release, rapid eye movement sleep generation, and respiratory rate. <i>Journal of Neuroscience</i> , 1997 , 17, 774-85	6.6	150
136	M2 muscarinic receptor subtype in the feline medial pontine reticular formation modulates the amount of rapid eye movement sleep. <i>Sleep</i> , 1999 , 22, 835-47	1.1	131
135	Perineural dexmedetomidine added to ropivacaine causes a dose-dependent increase in the duration of thermal antinociception in sciatic nerve block in rat. <i>Anesthesiology</i> , 2009 , 111, 1111-9	4.3	129
134	Nitric oxide synthase inhibition decreases pontine acetylcholine release. <i>NeuroReport</i> , 1995 , 6, 1525-9	1.7	127
133	Adenosine A(1) and A(2A) receptors in mouse prefrontal cortex modulate acetylcholine release and behavioral arousal. <i>Journal of Neuroscience</i> , 2009 , 29, 871-81	6.6	115
132	Pontine acetylcholine release is regulated by muscarinic autoreceptors. <i>NeuroReport</i> , 1996 , 7, 3069-72	1.7	115
131	Suprachiasmatic region of the human hypothalamus: homolog to the primate circadian pacemaker?. <i>Sleep</i> , 1980 , 2, 355-61	1.1	101
130	Vesicular acetylcholine transport inhibitor suppresses REM sleep. <i>NeuroReport</i> , 1997 , 8, 481-4	1.7	89
129	Upper airway function during sleep and wakefulness: experimental studies on normal and anesthetized cats. <i>Sleep</i> , 1978 , 1, 49-68	1.1	87
128	Respiratory neurons of the pneumotaxic center during sleep and wakefulness. <i>Neuroscience Letters</i> , 1979 , 15, 187-92	3.3	85
127	Perineural dexmedetomidine provides an increased duration of analgesia to a thermal stimulus when compared with a systemic control in a rat sciatic nerve block. <i>Regional Anesthesia and Pain Medicine</i> , 2010 , 35, 427-31	3.4	73

126	Role of the suprachiasmatic nuclei in the circadian timing system of the squirrel monkey. I. The generation of rhythmicity. <i>Brain Research</i> , 1984 , 300, 275-84	3.7	73
125	Gamma-aminobutyric acid-mediated neurotransmission in the pontine reticular formation modulates hypnosis, immobility, and breathing during isoflurane anesthesia. <i>Anesthesiology</i> , 2008 , 109, 978-88	4.3	67
124	Fentanyl and morphine, but not remifentanyl, inhibit acetylcholine release in pontine regions modulating arousal. <i>Anesthesiology</i> , 1999 , 90, 1070-7	4.3	66
123	Three-dimensional structure of the mammalian suprachiasmatic nuclei: a comparative study of five species. <i>Journal of Comparative Neurology</i> , 1982 , 204, 225-37	3.4	64
122	Human brain contains vasopressin and vasoactive intestinal polypeptide neuronal subpopulations in the suprachiasmatic region. <i>Brain Research</i> , 1984 , 297, 159-63	3.7	61
121	Cholinomimetics, but not morphine, increase antinociceptive behavior from pontine reticular regions regulating rapid-eye-movement sleep. <i>Sleep</i> , 1998 , 21, 677-85	1.1	60
120	Opioid inhibition of rapid eye movement sleep by a specific mu receptor agonist. <i>British Journal of Anaesthesia</i> , 1995 , 74, 188-92	5.4	60
119	Sleep and GABA levels in the oral part of rat pontine reticular formation are decreased by local and systemic administration of morphine. <i>Neuroscience</i> , 2007 , 144, 375-86	3.9	59
118	Carbachol stimulates [³⁵ S]guanylyl 5'-(gamma-thio)-triphosphate binding in rapid eye movement sleep-related brainstem nuclei of rat. <i>Journal of Neuroscience</i> , 1998 , 18, 3779-85	6.6	58
117	Pontine reticular formation (PnO) administration of hypocretin-1 increases PnO GABA levels and wakefulness. <i>Sleep</i> , 2008 , 31, 453-64	1.1	57
116	Neuropharmacology of Sleep and Wakefulness. <i>Sleep Medicine Clinics</i> , 2010 , 5, 513-528	3.6	55
115	M2 muscarinic receptors in pontine reticular formation of C57BL/6J mouse contribute to rapid eye movement sleep generation. <i>Neuroscience</i> , 2004 , 126, 821-30	3.9	53
114	Halothane decreases pontine acetylcholine release and increases EEG spindles. <i>NeuroReport</i> , 1994 , 5, 577-80	1.7	52
113	Morphine inhibits acetylcholine release in rat prefrontal cortex when delivered systemically or by microdialysis to basal forebrain. <i>Anesthesiology</i> , 2005 , 103, 779-87	4.3	49
112	Dialysis delivery of an adenosine A2A agonist into the pontine reticular formation of C57BL/6J mouse increases pontine acetylcholine release and sleep. <i>Journal of Neurochemistry</i> , 2006 , 96, 1750-9	6	47
111	Hypocretin-1 causes G protein activation and increases ACh release in rat pons. <i>European Journal of Neuroscience</i> , 2003 , 18, 1775-85	3.5	46
110	Opioid-induced decreases in rat brain adenosine levels are reversed by inhibiting adenosine deaminase. <i>Anesthesiology</i> , 2009 , 111, 1327-33	4.3	46
109	Microinjection of neostigmine into the pontine reticular formation of C57BL/6J mouse enhances rapid eye movement sleep and depresses breathing. <i>Sleep</i> , 2002 , 25, 835-41	1.1	45

108	Sleep duration varies as a function of glutamate and GABA in rat pontine reticular formation. <i>Journal of Neurochemistry</i> , 2011 , 118, 571-80	6	43
107	Endogenous GABA levels in the pontine reticular formation are greater during wakefulness than during rapid eye movement sleep. <i>Journal of Neuroscience</i> , 2011 , 31, 2649-56	6.6	42
106	Enhancement of dorsal raphe discharge by medial pontine reticular formation stimulation depends on behavioral state. <i>Neuroscience Letters</i> , 1983 , 38, 35-40	3.3	41
105	State-dependent hypotonia in posterior cricoarytenoid muscles of the larynx caused by cholinceptive reticular mechanisms. <i>FASEB Journal</i> , 1989 , 3, 1625-31	0.9	40
104	Ketamine and MK-801 Decrease Acetylcholine Release in the Pontine Reticular Formation, Slow Breathing, and Disrupt Sleep. <i>Sleep</i> , 2002 , 25, 615-620	1.1	39
103	Differential cholinergic activation of G proteins in rat and mouse brainstem: relevance for sleep and nociception. <i>Journal of Comparative Neurology</i> , 2003 , 457, 175-84	3.4	38
102	Cholinceptive pontine reticular mechanisms cause state-dependent respiratory changes in the cat. <i>Neuroscience Letters</i> , 1989 , 102, 211-6	3.3	37
101	GABA-to-ACh ratio in basal forebrain and cerebral cortex varies significantly during sleep. <i>Sleep</i> , 2012 , 35, 1325-34	1.1	35
100	Hypocretin (orexin) receptor subtypes differentially enhance acetylcholine release and activate g protein subtypes in rat pontine reticular formation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 317, 163-71	4.7	35
99	Prefrontal cortex acetylcholine release, EEG slow waves, and spindles are modulated by M2 autoreceptors in C57BL/6J mouse. <i>Journal of Neurophysiology</i> , 2002 , 87, 2817-22	3.2	35
98	The effects of ethanol upon threshold and response rate for self-stimulation. <i>Psychopharmacology</i> , 1976 , 50, 61-4	4.7	34
97	Dialysis delivery of an adenosine A1 receptor agonist to the pontine reticular formation decreases acetylcholine release and increases anesthesia recovery time. <i>Anesthesiology</i> , 2003 , 98, 912-20	4.3	32
96	The nitric oxide synthase inhibitor NG-Nitro-L-arginine increases basal forebrain acetylcholine release during sleep and wakefulness. <i>Journal of Neuroscience</i> , 2002 , 22, 5597-605	6.6	32
95	Buprenorphine disrupts sleep and decreases adenosine concentrations in sleep-regulating brain regions of Sprague Dawley rat. <i>Anesthesiology</i> , 2011 , 115, 743-53	4.3	31
94	GABA(A) receptors in the pontine reticular formation of C57BL/6J mouse modulate neurochemical, electrographic, and behavioral phenotypes of wakefulness. <i>Journal of Neuroscience</i> , 2010 , 30, 12301-9	6.6	29
93	Neurochemical modulators of sleep and anesthetic states. <i>International Anesthesiology Clinics</i> , 2008 , 46, 75-104	0.6	29
92	Parabrachial neuron discharge in the cat is altered during the carbachol-induced REM sleep-like state (DCarb). <i>Neuroscience Letters</i> , 1990 , 120, 241-4	3.3	29
91	Benzodiazepine receptor agonists cause drug-specific and state-specific alterations in EEG power and acetylcholine release in rat pontine reticular formation. <i>Sleep</i> , 2010 , 33, 909-18	1.1	27

90	On the effect of using ratios in the analysis of variance. <i>Biobehavioral Reviews</i> , 1977 , 1, 225-229		27
89	GABAergic transmission in rat pontine reticular formation regulates the induction phase of anesthesia and modulates hyperalgesia caused by sleep deprivation. <i>European Journal of Neuroscience</i> , 2014 , 40, 2264-73	3.5	26
88	Hypocretin and GABA interact in the pontine reticular formation to increase wakefulness. <i>Sleep</i> , 2010 , 33, 1285-93	1.1	25
87	C57BL/6J and B6.V-LEPOB mice differ in the cholinergic modulation of sleep and breathing. <i>Journal of Applied Physiology</i> , 2005 , 98, 918-29	3.7	25
86	Experimental control of the diaphragm and laryngeal abductor muscles by brain stem arousal systems. <i>Respiration Physiology</i> , 1979 , 38, 203-21		25
85	Metabolomic analysis of mouse prefrontal cortex reveals upregulated analytes during wakefulness compared to sleep. <i>Scientific Reports</i> , 2018 , 8, 11225	4.9	24
84	Leptin replacement restores supraspinal cholinergic antinociception in leptin-deficient obese mice. <i>Journal of Pain</i> , 2009 , 10, 836-43	5.2	24
83	Postsynaptic muscarinic M1 receptors activate prefrontal cortical EEG of C57BL/6J mouse. <i>Journal of Neurophysiology</i> , 2002 , 88, 3003-9	3.2	24
82	Central pattern-generating neurons and the search for general principles. <i>FASEB Journal</i> , 1989 , 3, 2457-68		24
81	Ketamine and MK-801 decrease acetylcholine release in the pontine reticular formation, slow breathing, and disrupt sleep. <i>Sleep</i> , 2002 , 25, 617-22	1.1	24
80	Dexmedetomidine-induced sedation does not mimic the neurobehavioral phenotypes of sleep in Sprague Dawley rat. <i>Sleep</i> , 2015 , 38, 73-84	1.1	23
79	Neuropharmacology of Sleep and Wakefulness: 2012 Update. <i>Sleep Medicine Clinics</i> , 2012 , 7, 469-486	3.6	23
78	Hypocretin-1 activates G proteins in arousal-related brainstem nuclei of rat. <i>NeuroReport</i> , 2002 , 13, 447-50		22
77	Nociception before and after exercise in rats bred for high and low aerobic capacity. <i>Neuroscience Letters</i> , 2008 , 443, 37-40	3.3	21
76	G protein activation in rat ponto-mesencephalic nuclei is enhanced by combined treatment with a mu opioid and an adenosine A1 receptor agonist. <i>Sleep</i> , 2001 , 24, 52-62	1.1	21
75	Microdialysis delivery of morphine to the hypoglossal nucleus of Wistar rat increases hypoglossal acetylcholine release. <i>Sleep</i> , 2007 , 30, 566-73	1.1	20
74	Carbachol in the pontine reticular formation of C57BL/6J mouse decreases acetylcholine release in prefrontal cortex. <i>Neuroscience</i> , 2004 , 123, 17-29	3.9	20
73	Thermal nociception is decreased by hypocretin-1 and an adenosine A1 receptor agonist microinjected into the pontine reticular formation of Sprague Dawley rat. <i>Journal of Pain</i> , 2010 , 11, 535-44	5.2	19

72	State-dependent aspects of regulatory physiology. <i>FASEB Journal</i> , 1987 , 1, 6-15	0.9	18
71	Acetylcholine release in the pontine reticular formation of C57BL/6J mouse is modulated by non-M1 muscarinic receptors. <i>Neuroscience</i> , 2004 , 126, 831-8	3.9	17
70	Role of the suprachiasmatic nuclei in the circadian timing system of the squirrel monkey. II. Light-dark cycle entrainment. <i>Brain Research</i> , 1984 , 300, 285-93	3.7	17
69	Promoting sleep and circadian health may prevent postoperative delirium: A systematic review and meta-analysis of randomized clinical trials. <i>Sleep Medicine Reviews</i> , 2019 , 48, 101207	10.2	16
68	Isoflurane-induced changes in righting response and breathing are modulated by RGS proteins. <i>Anesthesia and Analgesia</i> , 2009 , 109, 1500-5	3.9	16
67	Pontine and basal forebrain cholinergic interaction: implications for sleep and breathing. <i>Respiratory Physiology and Neurobiology</i> , 2004 , 143, 251-62	2.8	16
66	Entrainment and masking of circadian drinking rhythms in primates: influence of light intensity. <i>Physiology and Behavior</i> , 1982 , 28, 205-11	3.5	16
65	Laryngeal abductor activity during sleep. <i>Chest</i> , 1978 , 73, 300-1	5.3	16
64	Determination of minimum alveolar concentration for isoflurane and sevoflurane in a rodent model of human metabolic syndrome. <i>Anesthesia and Analgesia</i> , 2012 , 114, 297-302	3.9	15
63	G proteins in rat prefrontal cortex (PFC) are differentially activated as a function of oxygen status and PFC region. <i>Journal of Chemical Neuroanatomy</i> , 2009 , 37, 112-7	3.2	15
62	Morphine increases acetylcholine release in the trigeminal nuclear complex. <i>Sleep</i> , 2008 , 31, 1629-37	1.1	15
61	Hypoxia modulates cholinergic but not opioid activation of G proteins in rat hippocampus. <i>Hippocampus</i> , 2007 , 17, 934-42	3.5	15
60	Gradual decay of circadian drinking organization following lesions of the suprachiasmatic nuclei in primates. <i>Neuroscience Letters</i> , 1981 , 27, 119-24	3.3	15
59	Microinjection of an adenosine A1 agonist into the medial pontine reticular formation increases tail flick latency to thermal stimulation. <i>Anesthesiology</i> , 2002 , 97, 1597-601	4.3	14
58	In vivo metabolic activity of the suprachiasmatic nuclei: non-uniform intranuclear distribution of ¹⁴ C-labeled deoxyglucose uptake. <i>Brain Research</i> , 1987 , 424, 249-57	3.7	14
57	Pontomedullary neurons transsynaptically labeled by laryngeal pseudorabies virus. <i>NeuroReport</i> , 1993 , 5, 141-4	1.7	13
56	Three dimensional structure of the suprachiasmatic nuclei in the diurnal squirrel monkey (<i>Saimiri sciureus</i>). <i>Neuroscience Letters</i> , 1980 , 17, 295-9	3.3	13
55	Disrupted sleep and delayed recovery from chronic peripheral neuropathy are distinct phenotypes in a rat model of metabolic syndrome. <i>Anesthesiology</i> , 2010 , 113, 1176-85	4.3	13

54	The motor atonia of REM sleep: a critical topics forum. Introduction. <i>Sleep</i> , 2008 , 31, 1471-2	1.1	12
53	Opioids activate G proteins in REM sleep-related brain stem nuclei of rat. <i>NeuroReport</i> , 1998 , 9, 3025-8	1.7	12
52	Ratio data and the quantification of drug effects. <i>Biobehavioral Reviews</i> , 1977 , 1, 55-57		12
51	Acetylcholine modulates sleep and wakefulness: a synaptic perspective109-143		11
50	Neuronal mechanisms underlying opioid-induced respiratory depression: our current understanding. <i>Journal of Neurophysiology</i> , 2021 , 125, 1899-1919	3.2	11
49	Eszopiclone and dexmedetomidine depress ventilation in obese rats with features of metabolic syndrome. <i>Sleep</i> , 2014 , 37, 871-80	1.1	9
48	Adenosine A ₁ receptors in mouse pontine reticular formation modulate nociception only in the presence of systemic leptin. <i>Neuroscience</i> , 2014 , 275, 531-9	3.9	9
47	The Neurochemistry of Sleep and Wakefulness 2012 , 982-999		9
46	Adenosine A(1) receptors in mouse pontine reticular formation depress breathing, increase anesthesia recovery time, and decrease acetylcholine release. <i>Anesthesiology</i> , 2013 , 118, 327-36	4.3	9
45	Neurotransmitter networks in mouse prefrontal cortex are reconfigured by isoflurane anesthesia. <i>Journal of Neurophysiology</i> , 2020 , 123, 2285-2296	3.2	8
44	Buprenorphine Depresses Respiratory Variability in Obese Mice with Altered Leptin Signaling. <i>Anesthesiology</i> , 2018 , 128, 984-991	4.3	8
43	Leptin status alters buprenorphine-induced antinociception in obese mice with dysfunctional leptin receptors. <i>Neuroscience Letters</i> , 2017 , 660, 29-33	3.3	8
42	Benzodiazepine site agonists differentially alter acetylcholine release in rat amygdala. <i>Anesthesia and Analgesia</i> , 2014 , 118, 1293-300	3.9	7
41	Nitric oxide in B6 mouse and nitric oxide-sensitive soluble guanylate cyclase in cat modulate acetylcholine release in pontine reticular formation. <i>Journal of Applied Physiology</i> , 2006 , 100, 1666-73	3.7	6
40	Increased ponto-geniculo-occipital (PGO) wave frequency following central administration of neostigmine. <i>Neuroscience Letters</i> , 1987 , 82, 278-84	3.3	6
39	Auditory entrainment of primate drinking rhythms following partial suprachiasmatic nuclei lesions. <i>Physiology and Behavior</i> , 1983 , 31, 573-6	3.5	6
38	RGS Proteins and G _{i2} Modulate Sleep, Wakefulness, and Disruption of Sleep/ Wake States after Isoflurane and Sevoflurane Anesthesia. <i>Sleep</i> , 2016 , 39, 393-404	1.1	5
37	Sleep fragmentation delays wound healing in a mouse model of type 2 diabetes. <i>Sleep</i> , 2018 , 41,	1.1	5

36	Olanzapine causes a leptin-dependent increase in acetylcholine release in mouse prefrontal cortex. <i>Sleep</i> , 2012 , 35, 315-23	1.1	5
35	An interactive program on the PDP-11 for computing organ blood flow from data obtained using the radioactive microsphere technique. <i>Computer Programs in Biomedicine</i> , 1977 , 7, 287-92		5
34	Central Regulation of Sleep and Autonomic Physiology 1988 , 1-19		5
33	Thermal hyperalgesia after sciatic nerve block in rat is transient and clinically insignificant. <i>Regional Anesthesia and Pain Medicine</i> , 2013 , 38, 151-4	3.4	4
32	Sleep, Anesthesiology, and the Neurobiology of Arousal State Control. <i>Anesthesiology</i> , 2005 , 103, 1268-1295	4.9	4
31	Computer-based Multitaper Spectrogram Program for Electroencephalographic Data. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	4
30	Sleep-Dependent Changes in Upper Airway Muscle Function 1988 , 97-123		4
29	Neurochemistry of Anesthetic States. <i>Methods in Enzymology</i> , 2018 , 603, 237-255	1.7	3
28	Isoflurane anesthesia disrupts the cortical metabolome. <i>Journal of Neurophysiology</i> , 2020 , 124, 2012-2023	12	3
27	Opioids cause dissociated states of consciousness in C57BL/6J mice. <i>Journal of Neurophysiology</i> , 2021 , 126, 1265-1275	3.2	3
26	GABAergic modulation of REM sleep	206-213	2
25	Relevance of sleep neurobiology for cognitive neuroscience and anesthesiology	1-23	2
24	Sleep disruption is related to allelic variation in the ob gene. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 290, R892-3	3.2	2
23	A simulation program examining the use of ratios as raw variables in analyses of variance. <i>Computer Programs in Biomedicine</i> , 1978 , 8, 87-90		2
22	Opioids, Sedation, and Sleep: Different States, Similar Traits, and the Search for Common Mechanisms	1-32	2
21	Opioid use in pregnancy: Borderline features and Hepatitis C virus. <i>Personality Disorders: Theory, Research, and Treatment</i> , 2020 , 11, 222-229	4.1	2
20	The Shared Circuits of Sleep and Anesthesia 2011 , 33-44		2
19	Fentanyl, but not Morphine, Increases Cortical Electroencephalographic (EEG) Delta Power during Wakefulness in C57BL/6J (B6) Mice. <i>FASEB Journal</i> , 2021 , 35,	0.9	2

18	Prefrontal Cortex Metabolome Is Modified by Opioids, Anesthesia, and Sleep. <i>Physiology</i> , 2021 , 36, 203-219	2	
17	Hypocretin Receptor-Activated G Proteins Revealed by [³⁵ S]GTP γ S Autoradiography 2006 , 83-96		1
16	Buprenorphine differentially alters breathing among four congenic mouse lines as a function of dose, sex, and leptin status.. <i>Respiratory Physiology and Neurobiology</i> , 2021 , 103834	2.8	1
15	Fact and fantasy about sleep and anesthesiology. <i>Anesthesiology</i> , 2002 , 97, 1050-1	4.3	1
14	Rats bred as low intrinsic aerobic capacity runners (LCR) recover more slowly from chronic pain compared to rats bred as high intrinsic aerobic capacity runners (HCR). <i>FASEB Journal</i> , 2008 , 22, 945.9	0.9	1
13	Combining integrated systems-biology approaches with intervention-based experimental design provides a higher-resolution path forward for microbiome research. <i>Behavioral and Brain Sciences</i> , 2019 , 42,	0.9	1
12	Sleep and Anesthesia: Different States with Shared Pathophysiological Traits 2017 , 143-151		1
11	Opiate Action on Sleep and Breathing 2017 , 250-259.e6		1
10	Neostigmine Microinjected into Prefrontal Cortex of C57BL/6J (B6) Mice Stimulates Breathing. <i>FASEB Journal</i> , 2021 , 35,	0.9	1
9	Koch \bar{S} postulates confirm cholinergic modulation of REM sleep. <i>Behavioral and Brain Sciences</i> , 2000 , 23, 966-966	0.9	0
8	Certification in Sleep Medicine. <i>Anesthesiology</i> , 2011 , 115, 217-217	4.3	0
7	REM sleep regulation by cholinergic neurons: highlights from 1999 to 2009194-205		
6	Relevance of Anesthesiology for Sleep Medicine 2005 , 927-932		
5	Sleep and anesthesia 2006 , 361-371		
4	Microdialysis delivery of morphine sulfate to rat pontine reticular formation (PRF) decreases PRF adenosine levels. <i>FASEB Journal</i> , 2008 , 22, 945.11	0.9	
3	Acetylcholine (ACh) release in rat trigeminal motor nucleus (MoV) is increased by microdialysis delivery of morphine.. <i>FASEB Journal</i> , 2008 , 22, 148-148	0.9	
2	A Neurochemical Perspective on States of Consciousness 2009 , 33-80		
1	Fentanyl and Neostigmine Delivered to Mouse Prefrontal Cortex Differentially Alter Breathing. <i>Respiratory Physiology and Neurobiology</i> , 2022 , 103924	2.8	

