

# Malcolm J Low

## List of Publications by Citations

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166  
papers

14,945  
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56  
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177  
ext. papers

16,119  
ext. citations

8.5  
avg, IF

5.96  
L-index

#	Paper	IF	Citations
166	Gut hormone PYY(3-36) physiologically inhibits food intake. <i>Nature</i> , <b>2002</b> , 418, 650-4	50.4	1812
165	Leptin activates anorexigenic POMC neurons through a neural network in the arcuate nucleus. <i>Nature</i> , <b>2001</b> , 411, 480-4	50.4	1740
164	The distribution and mechanism of action of ghrelin in the CNS demonstrates a novel hypothalamic circuit regulating energy homeostasis. <i>Neuron</i> , <b>2003</b> , 37, 649-61	13.9	1299
163	Abnormal adaptations to stress and impaired cardiovascular function in mice lacking corticotropin-releasing hormone receptor-2. <i>Nature Genetics</i> , <b>2000</b> , 24, 403-9	36.3	522
162	Exocrine gland dysfunction in MC5-R-deficient mice: evidence for coordinated regulation of exocrine gland function by melanocortin peptides. <i>Cell</i> , <b>1997</b> , 91, 789-98	56.2	415
161	Activation of central melanocortin pathways by fenfluramine. <i>Science</i> , <b>2002</b> , 297, 609-11	33.3	408
160	Mice lacking dopamine D4 receptors are supersensitive to ethanol, cocaine, and methamphetamine. <i>Cell</i> , <b>1997</b> , 90, 991-1001	56.2	406
159	Pituitary lactotroph hyperplasia and chronic hyperprolactinemia in dopamine D2 receptor-deficient mice. <i>Neuron</i> , <b>1997</b> , 19, 103-13	13.9	367
158	Dopamine D4 receptor-knock-out mice exhibit reduced exploration of novel stimuli. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 9550-6	6.6	356
157	Locomotor activity in D2 dopamine receptor-deficient mice is determined by gene dosage, genetic background, and developmental adaptations. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 3470-9	6.6	346
156	Hypothalamic proopiomelanocortin neurons are glucose responsive and express K(ATP) channels. <i>Endocrinology</i> , <b>2003</b> , 144, 1331-40	4.8	304
155	Cocaine supersensitivity and enhanced motivation for reward in mice lacking dopamine D2 autoreceptors. <i>Nature Neuroscience</i> , <b>2011</b> , 14, 1033-8	25.5	246
154	Alcohol preference and sensitivity are markedly reduced in mice lacking dopamine D2 receptors. <i>Nature Neuroscience</i> , <b>1998</b> , 1, 610-5	25.5	213
153	Somatostatin secreted by islet delta-cells fulfills multiple roles as a paracrine regulator of islet function. <i>Diabetes</i> , <b>2009</b> , 58, 403-11	0.9	208
152	Dopamine D2 receptor-deficient mice exhibit decreased dopamine transporter function but no changes in dopamine release in dorsal striatum. <i>Journal of Neurochemistry</i> , <b>1999</b> , 72, 148-56	6	179
151	A transgenic marker for newly born granule cells in dentate gyrus. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 3251-9	6.6	171
150	The dopamine D2, but not D3 or D4, receptor subtype is essential for the disruption of prepulse inhibition produced by amphetamine in mice. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 4627-33	6.6	158

149	Involvement of bone morphogenetic protein 4 (BMP-4) in pituitary prolactinoma pathogenesis through a Smad/estrogen receptor crosstalk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 1034-9	11.5	154
148	Proopiomelanocortin neurons in nucleus tractus solitarius are activated by visceral afferents: regulation by cholecystokinin and opioids. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 3578-85	6.6	140
147	Pituitary lactotroph adenomas develop after prolonged lactotroph hyperplasia in dopamine D2 receptor-deficient mice. <i>Endocrinology</i> , <b>1999</b> , 140, 5348-55	4.8	137
146	Central serotonin and melanocortin pathways regulating energy homeostasis. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 994, 169-74	6.5	136
145	Somatostatin is required for masculinization of growth hormone-regulated hepatic gene expression but not of somatic growth. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 107, 1571-80	15.9	130
144	A role for the endogenous opioid beta-endorphin in energy homeostasis. <i>Endocrinology</i> , <b>2003</b> , 144, 1753-60	4.6	129
143	Differential regulation of synaptic inputs by constitutively released endocannabinoids and exogenous cannabinoids. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 9746-51	6.6	123
142	Proopiomelanocortin expression in both GABA and glutamate neurons. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 13684-90	6.6	122
141	Selective reward deficit in mice lacking beta-endorphin and enkephalin. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 8251-8	6.6	121
140	GABA release from proopiomelanocortin neurons. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 1578-83	6.6	120
139	Dopamine D4 receptor-deficient mice display cortical hyperexcitability. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 3756-63	6.6	116
138	Ethanol-conditioned place preference is reduced in dopamine D2 receptor-deficient mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2000</b> , 67, 693-9	3.9	107
137	Tissue-specific posttranslational processing of pre-prosomatostatin encoded by a metallothionein-somatostatin fusion gene in transgenic mice. <i>Cell</i> , <b>1985</b> , 41, 211-9	56.2	106
136	Ancient exaptation of a CORE-SINE retroposon into a highly conserved mammalian neuronal enhancer of the proopiomelanocortin gene. <i>PLoS Genetics</i> , <b>2007</b> , 3, 1813-26	6	103
135	Preservation of eumelanin hair pigmentation in proopiomelanocortin-deficient mice on a nonagouti (a/a) genetic background. <i>Endocrinology</i> , <b>2005</b> , 146, 1245-53	4.8	100
134	Differential effects of direct and indirect dopamine agonists on prepulse inhibition: a study in D1 and D2 receptor knock-out mice. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 9604-11	6.6	95
133	Dysfunctional light-evoked regulation of cAMP in photoreceptors and abnormal retinal adaptation in mice lacking dopamine D4 receptors. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 2063-73	6.6	92
132	Lack of prolactin receptor signaling in mice results in lactotroph proliferation and prolactinomas by dopamine-dependent and -independent mechanisms. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 110, 973-981	15.9	88

131	Differential contributions of dopamine D1, D2, and D3 receptors to MDMA-induced effects on locomotor behavior patterns in mice. <i>Neuropsychopharmacology</i> , <b>2006</b> , 31, 2349-58	8.7	85
130	Lack of operant ethanol self-administration in dopamine D2 receptor knockout mice. <i>Psychopharmacology</i> , <b>2000</b> , 152, 343-50	4.7	85
129	Treatment of Helicobacter gastritis with IL-4 requires somatostatin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 12944-9	11.5	83
128	Subfunctionalization of expression and peptide domains following the ancient duplication of the proopiomelanocortin gene in teleost fishes. <i>Molecular Biology and Evolution</i> , <b>2005</b> , 22, 2417-27	8.3	81
127	In vivo evidence for inverse agonism of Agouti-related peptide in the central nervous system of proopiomelanocortin-deficient mice. <i>Diabetes</i> , <b>2008</b> , 57, 86-94	0.9	80
126	Functional uncoupling of adenosine A(2A) receptors and reduced response to caffeine in mice lacking dopamine D2 receptors. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, 5949-57	6.6	80
125	Glucocorticoids exacerbate obesity and insulin resistance in neuron-specific proopiomelanocortin-deficient mice. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 495-505	15.9	79
124	Obesity-programmed mice are rescued by early genetic intervention. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 4203-12	15.9	78
123	SAT-299 Chronic Treatment Of Juvenile Hypothalamic Pomc-deficient Mice With RM-493 Prevents The Development Of Obesity. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4,	0.4	78
122	OR16-03 Metabolic Effects Of Hypothalamic Pomc Neurons Generated Postnatally From Tanycytes On A Pomc Null Genetic Background. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4,	0.4	78
121	Clinical endocrinology and metabolism. The somatostatin neuroendocrine system: physiology and clinical relevance in gastrointestinal and pancreatic disorders. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 18, 607-22	6.5	77
120	Ethanol oral self-administration is increased in mutant mice with decreased beta-endorphin expression. <i>Brain Research</i> , <b>1999</b> , 835, 62-7	3.7	77
119	Failure of intravenous morphine to serve as an effective instrumental reinforcer in dopamine D2 receptor knock-out mice. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, RC224	6.6	75
118	Absence of dopamine D4 receptors results in enhanced reactivity to unconditioned, but not conditioned, fear. <i>European Journal of Neuroscience</i> , <b>2002</b> , 15, 158-64	3.5	75
117	Identification of neuronal enhancers of the proopiomelanocortin gene by transgenic mouse analysis and phylogenetic footprinting. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 3076-86	4.8	71
116	Partially redundant enhancers cooperatively maintain Mammalian pomc expression above a critical functional threshold. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1004935	6	69
115	Unraveling the central proopiomelanocortin neural circuits. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 19	5.1	69
114	Signal transducer and activator of transcription-3 is required in hypothalamic agouti-related protein/neuropeptide Y neurons for normal energy homeostasis. <i>Endocrinology</i> , <b>2008</b> , 149, 3346-54	4.8	64

113	Authentic cell-specific and developmentally regulated expression of pro-opiomelanocortin genomic fragments in hypothalamic and hindbrain neurons of transgenic mice. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 6631-40	6.6	64
112	Convergent evolution of two mammalian neuronal enhancers by sequential exaptation of unrelated retroposons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 15270-5	11.5	58
111	Cocaine-induced locomotor activity and cocaine discrimination in dopamine D2 receptor mutant mice. <i>Psychopharmacology</i> , <b>2002</b> , 163, 54-61	4.7	58
110	The estrogen receptor $\beta$ localizes with proopiomelanocortin in hypothalamic neurons and binds to a conserved motif present in the neuron-specific enhancer nPE2. <i>European Journal of Pharmacology</i> , <b>2011</b> , 660, 181-7	5.3	56
109	Strategies for cellular identification in nucleus tractus solitarius slices. <i>Journal of Neuroscience Methods</i> , <b>2004</b> , 137, 37-48	3	53
108	Brain somatostatin receptors are up-regulated in somatostatin-deficient mice. <i>Molecular Endocrinology</i> , <b>2002</b> , 16, 1951-63		53
107	K <sup>+</sup> channel modulation in rodent neurohypophysial nerve terminals by sigma receptors and not by dopamine receptors. <i>Journal of Physiology</i> , <b>1999</b> , 517 ( Pt 2), 391-406	3.9	53
106	Intravenous Self-Administration of Ethanol in $\mu$ Endorphin-Deficient Mice. <i>Alcoholism: Clinical and Experimental Research</i> , <b>1998</b> , 22, 1093-1098	3.7	52
105	Heightened seizure severity in somatostatin knockout mice. <i>Epilepsy Research</i> , <b>2002</b> , 48, 43-56	3	52
104	Sex difference in physical activity, energy expenditure and obesity driven by a subpopulation of hypothalamic POMC neurons. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 245-252	8.8	51
103	Lack of proopiomelanocortin peptides results in obesity and defective adrenal function but normal melanocyte pigmentation in the murine C57BL/6 genetic background. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 994, 202-10	6.5	50
102	Pituitary-specific and hormonally regulated gene expression directed by the rat proopiomelanocortin promoter in transgenic mice. <i>Molecular Endocrinology</i> , <b>1990</b> , 4, 1689-97		49
101	Rapid Glucocorticoid Feedback Inhibition of ACTH Secretion Involves Ligand-Dependent Membrane Association of Glucocorticoid Receptors. <i>Endocrinology</i> , <b>2015</b> , 156, 3215-27	4.8	47
100	Receptors for the melanocortin peptides in the central nervous system. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>1994</b> , 1, 79-88		46
99	Effects of a Drd2 deletion mutation on ethanol-induced locomotor stimulation and sensitization suggest a role for epistasis. <i>Behavior Genetics</i> , <b>2003</b> , 33, 311-24	3.2	45
98	The D2 receptor is critical in mediating opiate motivation only in opiate-dependent and withdrawn mice. <i>European Journal of Neuroscience</i> , <b>2001</b> , 13, 995-1001	3.5	44
97	Contributions of dopamine D1, D2, and D3 receptor subtypes to the disruptive effects of cocaine on prepulse inhibition in mice. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 2648-56	8.7	43
96	Transgenic mice engineered to target Cre/loxP-mediated DNA recombination into catecholaminergic neurons. <i>Genesis</i> , <b>2003</b> , 36, 196-202	1.9	41

95	Islet 1 specifies the identity of hypothalamic melanocortin neurons and is critical for normal food intake and adiposity in adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E1861-70	11.5	40
94	Rat and mouse proopiomelanocortin gene sequences target tissue-specific expression to the pituitary gland but not to the hypothalamus of transgenic mice. <i>Neuroendocrinology</i> , <b>1993</b> , 58, 373-80	5.6	40
93	Cocaine-induced locomotor activity and cocaine discrimination in dopamine D4 receptor mutant mice. <i>Psychopharmacology</i> , <b>2003</b> , 170, 108-14	4.7	37
92	Hormonal regulation of human follicle-stimulating hormone-beta subunit gene expression: GnRH stimulation and GnRH-independent androgen inhibition. <i>Neuroendocrinology</i> , <b>1995</b> , 61, 628-37	5.6	37
91	State-dependent modulation of feeding behavior by proopiomelanocortin-derived beta-endorphin. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 994, 192-201	6.5	35
90	Hypothalamic POMC Deficiency Improves Glucose Tolerance Despite Insulin Resistance by Increasing Glycosuria. <i>Diabetes</i> , <b>2016</b> , 65, 660-72	0.9	34
89	Comparative, topographically-based evaluation of behavioural phenotype and specification of D(1)-like:D(2) interactions in a line of incipient congenic mice with D(2) dopamine receptor knockout. <i>Neuropsychopharmacology</i> , <b>2001</b> , 25, 527-36	8.7	34
88	Lack of prolactin receptor signaling in mice results in lactotroph proliferation and prolactinomas by dopamine-dependent and -independent mechanisms. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 110, 973-81	15.9	34
87	Central dopamine D2 receptors regulate growth-hormone-dependent body growth and pheromone signaling to conspecific males. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 5834-42	6.6	33
86	The mapping of quantitative trait loci underlying strain differences in locomotor activity between 129S6 and C57BL/6J mice. <i>Mammalian Genome</i> , <b>2003</b> , 14, 692-702	3.2	32
85	5-HT obesity medication efficacy via POMC activation is maintained during aging. <i>Endocrinology</i> , <b>2014</b> , 155, 3732-8	4.8	31
84	Increased splenocyte proliferative response and cytokine production in beta-endorphin-deficient mice. <i>Journal of Neuroimmunology</i> , <b>2002</b> , 131, 126-34	3.5	31
83	Conditional expression of Pomc in the Lepr-positive subpopulation of POMC neurons is sufficient for normal energy homeostasis and metabolism. <i>Endocrinology</i> , <b>2015</b> , 156, 1292-302	4.8	30
82	Reprogramming the body weight set point by a reciprocal interaction of hypothalamic leptin sensitivity and Pomc gene expression reverts extreme obesity. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 869-881	8.8	29
81	The effect of naloxone on operant behavior for food reinforcers in DBA/2 mice. <i>Brain Research Bulletin</i> , <b>2001</b> , 56, 537-43	3.9	28
80	Enhancer turnover and conserved regulatory function in vertebrate evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 368, 20130027	5.8	27
79	Somatostatin is essential for the sexual dimorphism of GH secretion, corticosteroid-binding globulin production, and corticosterone levels in mice. <i>Endocrinology</i> , <b>2015</b> , 156, 1052-65	4.8	27
78	Dopaminergic D2 receptor knockout mouse: an animal model of prolactinoma. <i>Frontiers of Hormone Research</i> , <b>2006</b> , 35, 50-63	3.5	27

77	Lorcaserin improves glycemic control via a melanocortin neurocircuit. <i>Molecular Metabolism</i> , <b>2017</b> , 6, 1092-1102	8.8	26
76	Reciprocal regulation of TREK-1 channels by arachidonic acid and CRH in mouse corticotropes. <i>Endocrinology</i> , <b>2011</b> , 152, 1901-10	4.8	26
75	Quantitative analysis of the dopamine D4 receptor in the mouse brain <b>2000</b> , 59, 202-208		26
74	Hypothalamic ER-associated degradation regulates POMC maturation, feeding, and age-associated obesity. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1125-1140	15.9	26
73	Operant self-administration of ethanol in C57BL/6 mice lacking beta-endorphin and enkephalin. <i>Pharmacology Biochemistry and Behavior</i> , <b>2004</b> , 79, 171-81	3.9	25
72	Naltrexone and alcohol drinking in mice lacking beta-endorphin by site-directed mutagenesis. <i>Pharmacology Biochemistry and Behavior</i> , <b>2000</b> , 67, 759-66	3.9	24
71	Transcriptional regulation of pituitary POMC is conserved at the vertebrate extremes despite great promoter sequence divergence. <i>Molecular Endocrinology</i> , <b>2007</b> , 21, 2738-49		22
70	Constitutive expression of functional GABA(B) receptors in mL-tsA58 cells requires both GABA(B(1)) and GABA(B(2)) genes. <i>Journal of Neurochemistry</i> , <b>2001</b> , 77, 1237-47	6	22
69	Effect of the mu-opioid agonist DAMGO on medial basal hypothalamic neurons in beta-endorphin knockout mice. <i>Neuroendocrinology</i> , <b>2000</b> , 72, 208-17	5.6	22
68	Temporal changes in nutritional state affect hypothalamic POMC peptide levels independently of leptin in adult male mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 306, E904-15	6	21
67	Molecular and functional genetics of the proopiomelanocortin gene, food intake regulation and obesity. <i>FEBS Letters</i> , <b>2017</b> , 591, 2593-2606	3.8	21
66	GH in the dwarf dopaminergic D2 receptor knockout mouse: somatotrope population, GH release, and responsiveness to GH-releasing factors and somatostatin. <i>Journal of Endocrinology</i> , <b>2006</b> , 190, 611-617	4.7	21
65	Essential function of the transcription factor Rax in the early patterning of the mammalian hypothalamus. <i>Developmental Biology</i> , <b>2016</b> , 416, 212-224	3.1	21
64	17 $\beta$ -Estradiol acts through hypothalamic pro-opiomelanocortin expressing neurons to reduce feeding behavior. <i>Aging Cell</i> , <b>2018</b> , 17, e12703	9.9	21
63	Reduced renal sympathetic nerve activity contributes to elevated glycosuria and improved glucose tolerance in hypothalamus-specific Pomc knockout mice. <i>Molecular Metabolism</i> , <b>2017</b> , 6, 1274-1285	8.8	20
62	Introduction of a point mutation into the mouse genome by homologous recombination in embryonic stem cells using a replacement type vector with a selectable marker. <i>Nucleic Acids Research</i> , <b>1993</b> , 21, 2613-7	20.1	20
61	Cryptic human growth hormone gene sequences direct gonadotroph-specific expression in transgenic mice. <i>Molecular Endocrinology</i> , <b>1989</b> , 3, 2028-33		20
60	Meal pattern analysis in neural-specific proopiomelanocortin-deficient mice. <i>European Journal of Pharmacology</i> , <b>2011</b> , 660, 131-8	5.3	19

59	Two distinct pituitary cell lines from mouse intermediate lobe tumors: a cell that produces prolactin-regulating factor and a melanotroph [seecomments]. <i>Endocrinology</i> , <b>1997</b> , 138, 5589-96	4.8	19
58	Central dysregulation of the hypothalamic-pituitary-adrenal axis in neuron-specific proopiomelanocortin-deficient mice. <i>Endocrinology</i> , <b>2007</b> , 148, 647-59	4.8	19
57	Comparative phenotypic resolution of spontaneous, D2-like and D1-like agonist-induced orofacial movement topographies in congenic mutants with dopamine D2 vs. D3 receptor "knockout". <i>Synapse</i> , <b>2004</b> , 51, 71-81	2.4	19
56	Identification of DNA elements cooperatively activating proopiomelanocortin gene expression in the pituitary glands of transgenic mice. <i>Molecular and Cellular Biology</i> , <b>1992</b> , 12, 3978-3990	4.8	18
55	Role of dopamine D1 and D2 receptors in CRF-induced disruption of sensorimotor gating. <i>Pharmacology Biochemistry and Behavior</i> , <b>2007</b> , 86, 550-8	3.9	17
54	Selective increase of Nurr1 mRNA expression in mesencephalic dopaminergic neurons of D2 dopamine receptor-deficient mice. <i>Molecular Brain Research</i> , <b>2000</b> , 80, 1-6		17
53	beta-Endorphin expression in the mouse retina. <i>Journal of Comparative Neurology</i> , <b>2010</b> , 518, 3130-48	3.4	16
52	Glucose rapidly induces different forms of excitatory synaptic plasticity in hypothalamic POMC neurons. <i>PLoS ONE</i> , <b>2014</b> , 9, e105080	3.7	15
51	Thrittene, homologous with somatostatin-28((1-13)), is a novel peptide in mammalian gut and circulation. <i>Endocrinology</i> , <b>2002</b> , 143, 2599-609	4.8	15
50	Targeted expression of somatostatin in vasopressinergic magnocellular hypothalamic neurons of transgenic mice. <i>Molecular and Cellular Neurosciences</i> , <b>1992</b> , 3, 152-61	4.8	15
49	Gastrin Induces Nuclear Export and Proteasome Degradation of Menin in Enteric Glial Cells. <i>Gastroenterology</i> , <b>2017</b> , 153, 1555-1567.e15	13.3	14
48	Naloxone <sup>®</sup> suppression of spontaneous and food-conditioned locomotor activity is diminished in mice lacking either the dopamine D(2) receptor or enkephalin. <i>Molecular Brain Research</i> , <b>2005</b> , 140, 91-8		13
47	Selective Restoration of Expression in Glutamatergic POMC Neurons: Evidence for a Dynamic Hypothalamic Neurotransmitter Network. <i>ENeuro</i> , <b>2019</b> , 6,	3.9	13
46	Somatostatin triggers rhythmic electrical firing in hypothalamic GHRH neurons. <i>Scientific Reports</i> , <b>2016</b> , 6, 24394	4.9	12
45	Hypothalamic POMC or MC4R deficiency impairs counterregulatory responses to hypoglycemia in mice. <i>Molecular Metabolism</i> , <b>2019</b> , 20, 194-204	8.8	12
44	V1b Receptor Antagonist SSR149415 and Naltrexone Synergistically Decrease Excessive Alcohol Drinking in Male and Female Mice. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2018</b> , 42, 195-205	3.7	12
43	Ruboxistaurin Reduces Cocaine-Stimulated Increases in Extracellular Dopamine by Modifying Dopamine-Autoreceptor Activity. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1960-1969	5.7	11
42	The Homeodomain Transcription Factor NKX2.1 Is Essential for the Early Specification of Melanocortin Neuron Identity and Activates Expression in the Developing Hypothalamus. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 4023-4035	6.6	10



41	Neurotransmitter modulation of the GHRH-GH axis. <i>Frontiers of Hormone Research</i> , <b>2010</b> , 38, 59-69	3.5	10
40	Reduced basal and ethanol stimulation of striatal extracellular dopamine concentrations in dopamine D2 receptor knockout mice. <i>Synapse</i> , <b>2006</b> , 60, 158-64	2.4	10
39	Two Distinct Pituitary Cell Lines from Mouse Intermediate Lobe Tumors: A Cell that Produces Prolactin-Regulating Factor and a Melanotroph		10
38	Sex differences in the effect of bupropion and naltrexone combination on alcohol drinking in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2019</b> , 181, 28-36	3.9	8
37	Targeted mutagenesis of the murine opioid system. <i>Results and Problems in Cell Differentiation</i> , <b>1999</b> , 26, 169-91	1.4	8
36	Hypothalamic POMC deficiency increases circulating adiponectin despite obesity. <i>Molecular Metabolism</i> , <b>2020</b> , 35, 100957	8.8	7
35	Nuclear transcriptional changes in hypothalamus of Pomc enhancer knockout mice after excessive alcohol drinking. <i>Genes, Brain and Behavior</i> , <b>2019</b> , 18, e12600	3.6	7
34	Neuroendocrinology: New hormone treatment for obesity caused by POMC-deficiency. <i>Nature Reviews Endocrinology</i> , <b>2016</b> , 12, 627-628	15.2	6
33	Mouse models in gastroenterology research. <i>Gastroenterology</i> , <b>2012</b> , 143, 1410-2	13.3	5
32	Agnostic about in vivo inverse agonism of agouti-related peptide. <i>Endocrinology</i> , <b>2011</b> , 152, 1731-3	4.8	5
31	Neuroendocrinology <b>2011</b> , 103-174		5
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