

# Hitoshi Hashimoto

## List of Publications by Year in descending order

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238  
papers

9,790  
citations

41344  
49  
h-index

54911  
84  
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253  
all docs

253  
docs citations

253  
times ranked

7849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pituitary Adenylate Cyclase-Activating Polypeptide and Its Receptors: 20 Years after the Discovery. <i>Pharmacological Reviews</i> , 2009, 61, 283-357.	16.0	948
2	Altered psychomotor behaviors in mice lacking pituitary adenylate cyclase-activating polypeptide (PACAP). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13355-13360.	7.1	350
3	Apelin is a novel angiogenic factor in retinal endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 395-400.	2.1	265
4	Molecular cloning and tissue distribution of a receptor for pituitary adenylate cyclase-activating polypeptide. <i>Neuron</i> , 1993, 11, 333-342.	8.1	254
5	Distribution of the mRNA for a pituitary adenylate cyclase-activating polypeptide receptor in the rat brain: An in situ hybridization study. <i>Journal of Comparative Neurology</i> , 1996, 371, 567-577.	1.6	202
6	Pituitary adenylate cyclase-activating polypeptide (PACAP) decreases ischemic neuronal cell death in association with IL-6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7488-7493.	7.1	182
7	Pituitary adenylate cyclase-activating polypeptide plays a key role in nitroglycerol-induced trigeminovascular activation in mice. <i>Neurobiology of Disease</i> , 2012, 45, 633-644.	4.4	134
8	Pituitary adenylate cyclase-activating polypeptide is associated with schizophrenia. <i>Molecular Psychiatry</i> , 2007, 12, 1026-1032.	7.9	133
9	Retardation of Retinal Vascular Development in Apelin-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1717-1722.	2.4	120
10	Expression of glutamate transporters in cultured glial cells. <i>Neuroscience Letters</i> , 1995, 188, 140-142.	2.1	116
11	PACAP is an Endogenous Protective Factor—Insights from PACAP-Deficient Mice. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 482-492.	2.3	115
12	High-Speed and Scalable Whole-Brain Imaging in Rodents and Primates. <i>Neuron</i> , 2017, 94, 1085-1100.e6.	8.1	108
13	New Insights into the Central PACAPergic System from the Phenotypes in PACAP- and PACAP Receptor-Knockout Mice. <i>Annals of the New York Academy of Sciences</i> , 2006, 1070, 75-89.	3.8	107
14	Chronic treatment with valproic acid or sodium butyrate attenuates novel object recognition deficits and hippocampal dendritic spine loss in a mouse model of autism. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 126, 43-49.	2.9	106
15	Pituitary Adenylate Cyclase-Activating Polypeptide Is Required for the Development of Spinal Sensitization and Induction of Neuropathic Pain. <i>Journal of Neuroscience</i> , 2004, 24, 7283-7291.	3.6	104
16	Cultured rat astrocytes possess Na <sup>+</sup> -Ca <sup>2+</sup> exchanger. <i>Glia</i> , 1994, 12, 336-342.	4.9	97
17	Whole-exome sequencing and neurite outgrowth analysis in autism spectrum disorder. <i>Journal of Human Genetics</i> , 2016, 61, 199-206.	2.3	91
18	A novel DISC1-interacting partner DISC1-Binding Zinc-finger protein: implication in the modulation of DISC1-dependent neurite outgrowth. <i>Molecular Psychiatry</i> , 2007, 12, 398-407.	7.9	90

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19	Depression-like behavior in the forced swimming test in PACAP-deficient mice: amelioration by the atypical antipsychotic risperidone. <i>Journal of Neurochemistry</i> , 2009, 110, 595-602.	3.9	90
20	The behavioral phenotype of pituitary adenylate-cyclase activating polypeptide-deficient mice in anxiety and depression tests is accompanied by blunted c-Fos expression in the bed nucleus of the stria terminalis, central projecting Edinger-Westphal nucleus, ventral lateral septum, and dorsal raphe nucleus. <i>Neuroscience</i> , 2012, 202, 283-299.	2.3	90
21	Structured line illumination Raman microscopy. <i>Nature Communications</i> , 2015, 6, 10095.	12.8	90
22	PACAP suppresses dry eye signs by stimulating tear secretion. <i>Nature Communications</i> , 2016, 7, 12034.	12.8	90
23	Lipopolysaccharide affects exploratory behaviors toward novel objects by impairing cognition and/or motivation in mice: Possible role of activation of the central amygdala. <i>Behavioural Brain Research</i> , 2012, 228, 423-431.	2.2	88
24	Metabotropic glutamate 2/3 receptor antagonists improve behavioral and prefrontal dopaminergic alterations in the chronic corticosterone-induced depression model in mice. <i>Neuropharmacology</i> , 2013, 65, 29-38.	4.1	87
25	Involvement of Na <sup>+</sup> -Ca <sup>2+</sup> -Exchanger in Reperfusion-induced Delayed Cell Death of Cultured Rat Astrocytes. <i>European Journal of Neuroscience</i> , 1996, 8, 951-958.	2.6	86
26	PACAP provides colonic protection against dextran sodium sulfate induced colitis. <i>Journal of Cellular Physiology</i> , 2008, 216, 111-119.	4.1	84
27	KB-R7943 Inhibits Store-Operated Ca <sup>2+</sup> Entry in Cultured Neurons and Astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 354-357.	2.1	82
28	Defects in reproductive functions in PACAP-deficient female mice. <i>Regulatory Peptides</i> , 2002, 109, 45-48.	1.9	79
29	Psychostimulant-Induced Attenuation of Hyperactivity and Prepulse Inhibition Deficits in Adcyap1-Deficient Mice. <i>Journal of Neuroscience</i> , 2006, 26, 5091-5097.	3.6	79
30	Overexpression of PACAP in Transgenic Mouse Pancreatic $\beta$ -Cells Enhances Insulin Secretion and Ameliorates Streptozotocin-induced Diabetes. <i>Diabetes</i> , 2003, 52, 1155-1162.	0.6	77
31	Comprehensive behavioral analysis of pituitary adenylate cyclase-activating polypeptide (PACAP) knockout mice. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 58.	2.0	73
32	PACAP is Implicated in the Stress Axes. <i>Current Pharmaceutical Design</i> , 2011, 17, 985-989.	1.9	71
33	Changes in light-induced phase shift of circadian rhythm in mice lacking PACAP. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 169-175.	2.1	70
34	Cloning and characterization of the mouse pituitary adenylate cyclase-activating polypeptide (PACAP) gene. <i>Gene</i> , 1998, 211, 63-69.	2.2	69
35	Impaired long-term potentiation in vivo in the dentate gyrus of pituitary adenylate cyclase-activating polypeptide (PACAP) or PACAP type 1 receptor-mutant mice. <i>NeuroReport</i> , 2003, 14, 2095-2098.	1.2	67
36	PACAP centrally mediates emotional stress-induced corticosterone responses in mice. <i>Stress</i> , 2011, 14, 368-375.	1.8	67

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37	Environmental enrichment attenuates behavioral abnormalities in valproic acid-exposed autism model mice. <i>Behavioural Brain Research</i> , 2017, 333, 67-73.	2.2	67
38	Higher brain functions of PACAP and a homologous <i>Drosophila</i> memory gene amnesiac: insights from knockouts and mutants. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 427-432.	2.1	64
39	The pituitary adenylate cyclase-activating polypeptide is a physiological inhibitor of platelet activation. <i>Journal of Clinical Investigation</i> , 2004, 113, 905-912.	8.2	64
40	Synergistic Induction of Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Gene Expression by Nerve Growth Factor and PACAP in PC12 Cells. <i>Journal of Neurochemistry</i> , 2001, 74, 501-507.	3.9	63
41	Environmental factors during early developmental period influence psychobehavioral abnormalities in adult PACAP-deficient mice. <i>Behavioural Brain Research</i> , 2010, 209, 274-280.	2.2	62
42	(R)-Ketamine Induces a Greater Increase in Prefrontal 5-HT Release Than (S)-Ketamine and Ketamine Metabolites via an AMPA Receptor-Independent Mechanism. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 665-674.	2.1	62
43	PACAP deficient mice display reduced carbohydrate intake and PACAP activates NPY-containing neurons in the rat hypothalamic arcuate nucleus. <i>Neuroscience Letters</i> , 2004, 370, 252-256.	2.1	61
44	Manipulation of dorsal raphe serotonergic neurons modulates active coping to inescapable stress and anxiety-related behaviors in mice and rats. <i>Neuropsychopharmacology</i> , 2019, 44, 721-732.	5.4	59
45	Pathogenic POGZ mutation causes impaired cortical development and reversible autism-like phenotypes. <i>Nature Communications</i> , 2020, 11, 859.	12.8	59
46	Expression pattern of messenger RNAs for prostanoid receptors in glial cell cultures. <i>Brain Research</i> , 1996, 707, 282-287.	2.2	56
47	Neuroprotective action of endogenous PACAP in cultured rat cortical neurons. <i>Regulatory Peptides</i> , 2005, 126, 123-128.	1.9	55
48	Neuroprotective Effect of PACAP Against NMDA-Induced Retinal Damage in the Mouse. <i>Journal of Molecular Neuroscience</i> , 2011, 43, 22-29.	2.3	55
49	Role of $\text{Na}^+/\text{Ca}^{2+}$ Exchanger in Agonist-Induced $\text{Ca}^{2+}$ Signaling in Cultured Rat Astrocytes. <i>Journal of Neurochemistry</i> , 1996, 67, 1840-1845.	3.9	53
50	Increased Stathmin1 Expression in the Dentate Gyrus of Mice Causes Abnormal Axonal Arborizations. <i>PLoS ONE</i> , 2010, 5, e8596.	2.5	51
51	Differential Regulatory Role of Pituitary Adenylate Cyclase-Activating Polypeptide in the Serum-Transfer Arthritis Model. <i>Arthritis and Rheumatology</i> , 2014, 66, 2739-2750.	5.6	51
52	Improvement by methylphenidate and atomoxetine of social interaction deficits and recognition memory impairment in a mouse model of valproic acid-induced autism. <i>Autism Research</i> , 2016, 9, 926-939.	3.8	50
53	Oxytocin attenuates deficits in social interaction but not recognition memory in a prenatal valproic acid-induced mouse model of autism. <i>Hormones and Behavior</i> , 2017, 96, 130-136.	2.1	49
54	Effect of Clozapine on DNA Methylation in Peripheral Leukocytes from Patients with Treatment-Resistant Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 632.	4.1	49

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55	Possible association between the pituitary adenylate cyclase-activating polypeptide (PACAP) gene and major depressive disorder. <i>Neuroscience Letters</i> , 2010, 468, 300-302.	2.1	48
56	Structure of the gene encoding the mouse pituitary adenylate cyclase-activating polypeptide receptor. <i>Gene</i> , 1995, 164, 301-304.	2.2	47
57	Markedly Reduced White Adipose Tissue and Increased Insulin Sensitivity in Adcyap1-Deficient Mice. <i>Journal of Pharmacological Sciences</i> , 2008, 107, 41-48.	2.5	47
58	Differential gene expression profiles in neurons generated from lymphoblastoid B-cell line-derived iPS cells from monozygotic twin cases with treatment-resistant schizophrenia and discordant responses to clozapine. <i>Schizophrenia Research</i> , 2017, 181, 75-82.	2.0	47
59	Endothelins Stimulate Expression of Cyclooxygenase 2 in Rat Cultured Astrocytes. <i>Journal of Neurochemistry</i> , 2001, 73, 1004-1011.	3.9	45
60	Pituitary adenylate cyclase-activating polypeptide plays an anti-inflammatory role in endotoxin-induced airway inflammation: In vivo study with gene-deleted mice. <i>Peptides</i> , 2011, 32, 1439-1446.	2.4	45
61	Mice Deficient in Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) are More Susceptible to Retinal Ischemic Injury In Vivo. <i>Neurotoxicity Research</i> , 2012, 21, 41-48.	2.7	45
62	PACAP Enhances Axon Outgrowth in Cultured Hippocampal Neurons to a Comparable Extent as BDNF. <i>PLoS ONE</i> , 2015, 10, e0120526.	2.5	45
63	Decreased cohesin in the brain leads to defective synapse development and anxiety-related behavior. <i>Journal of Experimental Medicine</i> , 2017, 214, 1431-1452.	8.5	44
64	Vasoactive Intestinal Polypeptide and Pituitary Adenylate Cyclase-Activating Polypeptide Receptor Chimeras Reveal Domains That Determine Specificity of Vasoactive Intestinal Polypeptide Binding and Activation. <i>Molecular Pharmacology</i> , 1997, 52, 128-135.	2.3	43
65	Regulation of Oxidative Stress by Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Mediated by PACAP Receptor. <i>Journal of Molecular Neuroscience</i> , 2010, 42, 397-403.	2.3	43
66	Emerging roles of ARHGAP33 in intracellular trafficking of TrkB and pathophysiology of neuropsychiatric disorders. <i>Nature Communications</i> , 2016, 7, 10594.	12.8	42
67	Reduced response to chronic mild stress in PACAP mutant mice is associated with blunted FosB expression in limbic forebrain and brainstem centers. <i>Neuroscience</i> , 2016, 330, 335-358.	2.3	41
68	Impaired nocifensive behaviours and mechanical hyperalgesia, but enhanced thermal allodynia in pituitary adenylate cyclase-activating polypeptide deficient mice. <i>Neuropeptides</i> , 2010, 44, 363-371.	2.2	40
69	Neuroprotective Effect of Endogenous Pituitary Adenylate Cyclase-Activating Polypeptide on Spinal Cord Injury. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 508-517.	2.3	40
70	cDNA cloning of a thromboxane A2 receptor from rat astrocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1265, 220-223.	4.1	39
71	Increased binding of cortical and hippocampal group II metabotropic glutamate receptors in isolation-reared mice. <i>Neuropharmacology</i> , 2011, 60, 397-404.	4.1	39
72	Serotonin 5-HT <sub>7</sub> Receptor Blockade Reverses Behavioral Abnormalities in PACAP-Deficient Mice and Receptor Activation Promotes Neurite Extension in Primary Embryonic Hippocampal Neurons. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 473-481.	2.3	39

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73	Whole-brain block-face serial microscopy tomography at subcellular resolution using FAST. <i>Nature Protocols</i> , 2019, 14, 1509-1529.	12.0	39
74	(S)-norketamine and (2S,6S)-hydroxynorketamine exert potent antidepressant-like effects in a chronic corticosterone-induced mouse model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 191, 172876.	2.9	39
75	Distribution of mRNAs for pituitary adenylate cyclase-activating polypeptide (PACAP), PACAP receptor, vasoactive intestinal polypeptide (VIP), and VIP receptors in the rat superior cervical ganglion. <i>Neuroscience Letters</i> , 1997, 227, 37-40.	2.1	38
76	An enriched environment ameliorates memory impairments in PACAP-deficient mice. <i>Behavioural Brain Research</i> , 2014, 272, 269-278.	2.2	38
77	Endogenous Pituitary Adenylate Cyclase Activating Polypeptide Is Involved in Suppression of Edema in the Ischemic Brain. <i>Acta Neurochirurgica Supplementum</i> , 2010, 106, 43-46.	1.0	38
78	Inhibitory glutamate response on cyclic AMP formation in cultured astrocytes. <i>Neuroscience Letters</i> , 1993, 149, 182-184.	2.1	37
79	cDNA cloning of a mouse pituitary adenylate cyclase-activating polypeptide receptor. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1281, 129-133.	2.6	37
80	Cardioprotective Effect of Endogenous Pituitary Adenylate Cyclase-Activating Polypeptide on Doxorubicin-Induced Cardiomyopathy in Mice. <i>Circulation Journal</i> , 2010, 74, 1183-1190.	1.6	37
81	Regulation of autonomic nerve activities by central pituitary adenylate cyclase-activating polypeptide. <i>Regulatory Peptides</i> , 2010, 161, 73-80.	1.9	37
82	Reduced prefrontal dopaminergic activity in valproic acid-treated mouse autism model. <i>Behavioural Brain Research</i> , 2015, 289, 39-47.	2.2	37
83	Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Is Involved in Adult Mouse Hippocampal Neurogenesis After Stroke. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 270-279.	2.3	37
84	Possible involvement of a cyclic AMP-dependent mechanism in PACAP-induced proliferation and ERK activation in astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 337-343.	2.1	36
85	Construct and face validity of a new model for the three-hit theory of depression using PACAP mutant mice on CD1 background. <i>Neuroscience</i> , 2017, 354, 11-29.	2.3	36
86	Na <sup>+</sup> /Ca <sup>2+</sup> exchanger isoforms in rat neuronal preparations: different changes in their expression during postnatal development. <i>Brain Research</i> , 2000, 881, 212-216.	2.2	35
87	Mice with Markedly Reduced PACAP (PAC1) Receptor Expression by Targeted Deletion of the Signal Peptide. <i>Journal of Neurochemistry</i> , 2002, 75, 1810-1817.	3.9	35
88	Anxiety-Like and Exploratory Behaviors of Isolation-Reared Mice in the Staircase Test. <i>Journal of Pharmacological Sciences</i> , 2007, 104, 153-158.	2.5	35
89	Involvement of p38 MAP Kinase Pathway in the Synergistic Activation of PACAP mRNA Expression by NGF and PACAP in PC12h Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 656-661.	2.1	34
90	Mice deficient in pituitary adenylate cyclase activating polypeptide (PACAP) show increased susceptibility to in vivo renal ischemia/reperfusion injury. <i>Neuropeptides</i> , 2011, 45, 113-121.	2.2	34

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91	Lack of light-induced elevation of renal sympathetic nerve activity and plasma corticosterone levels in PACAP-deficient mice. <i>Neuroscience Letters</i> , 2008, 444, 153-156.	2.1	33
92	Risperidone and aripiprazole alleviate prenatal valproic acid-induced abnormalities in behaviors and dendritic spine density in mice. <i>Psychopharmacology</i> , 2017, 234, 3217-3228.	3.1	33
93	Isoform-specific Up-regulation by Ouabain of Na <sup>+</sup> ,K <sup>+</sup> -ATPase in Cultured Rat Astrocytes. <i>Journal of Neurochemistry</i> , 1997, 69, 2189-2196.	3.9	32
94	The selective metabotropic glutamate 2/3 receptor agonist MGS0028 reverses psychomotor abnormalities and recognition memory deficits in mice lacking the pituitary adenylate cyclase-activating polypeptide. <i>Behavioural Pharmacology</i> , 2013, 24, 74-77.	1.7	32
95	Accelerated pre-senile systemic amyloidosis in PACAP knockout mice—A protective role of PACAP in age-related degenerative processes. <i>Journal of Pathology</i> , 2018, 245, 478-490.	4.5	32
96	Psychiatric-disorder-related behavioral phenotypes and cortical hyperactivity in a mouse model of 3q29 deletion syndrome. <i>Neuropsychopharmacology</i> , 2019, 44, 2125-2135.	5.4	32
97	Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Receptor mRNA in the Rat Adrenal Gland: Localization by In Situ Hybridization and Identification of Splice Variants.. <i>The Japanese Journal of Pharmacology</i> , 1997, 75, 203-207.	1.2	31
98	Ritanserin reverses repeated methamphetamine-induced behavioral and neurochemical sensitization in mice. <i>Synapse</i> , 2007, 61, 757-763.	1.2	31
99	PACAP-Deficient Mice Exhibit Light Parameter-Dependent Abnormalities on Nonvisual Photoreception and Early Activity Onset. <i>PLoS ONE</i> , 2010, 5, e9286.	2.5	31
100	Human mesenchymal stem/stromal cells suppress spinal inflammation in mice with contribution of pituitary adenylate cyclase-activating polypeptide (PACAP). <i>Journal of Neuroinflammation</i> , 2015, 12, 35.	7.2	31
101	Functional roles of the neuropeptide PACAP in brain and pancreas. <i>Life Sciences</i> , 2003, 74, 337-343.	4.3	30
102	The Selective Metabotropic Glutamate 2/3 Receptor Agonist MGS0028 Reverses Isolation Rearing-Induced Abnormal Behaviors in Mice. <i>Journal of Pharmacological Sciences</i> , 2012, 118, 295-298.	2.5	30
103	Mice deficient in pituitary adenylate cyclase activating polypeptide display increased sensitivity to renal oxidative stress in vitro. <i>Neuroscience Letters</i> , 2010, 469, 70-74.	2.1	29
104	Prenatal Exposure to Histone Deacetylase Inhibitors Affects Gene Expression of Autism-Related Molecules and Delays Neuronal Maturation. <i>Neurochemical Research</i> , 2016, 41, 2574-2584.	3.3	29
105	The pituitary adenylate cyclase-activating polypeptide is a physiological inhibitor of platelet activation. <i>Journal of Clinical Investigation</i> , 2004, 113, 905-912.	8.2	29
106	PACAP activates Rac1 and synergizes with NGF to activate ERK1/2, thereby inducing neurite outgrowth in PC12 cells. <i>Molecular Brain Research</i> , 2004, 123, 18-26.	2.3	28
107	Galantamine and donepezil differently affect isolation rearing-induced deficits of prepulse inhibition in mice. <i>Psychopharmacology</i> , 2008, 196, 293-301.	3.1	28
108	Trophic Effects of PACAP on Pancreatic Islets: A Mini-Review. <i>Journal of Molecular Neuroscience</i> , 2011, 43, 3-7.	2.3	28



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109	Deletion of JMJD2B in neurons leads to defective spine maturation, hyperactive behavior and memory deficits in mouse. <i>Translational Psychiatry</i> , 2016, 6, e766-e766.	4.8	28
110	De novo POGZ mutations in sporadic autism disrupt the DNA-binding activity of POGZ. <i>Journal of Molecular Psychiatry</i> , 2016, 4, 1.	2.0	28
111	Role of Pituitary Adenylate-Cyclase Activating Polypeptide and Tac1 gene derived tachykinins in sensory, motor and vascular functions under normal and neuropathic conditions. <i>Peptides</i> , 2013, 43, 105-112.	2.4	27
112	The Female Encounter Test: A Novel Method for Evaluating Reward-Seeking Behavior or Motivation in Mice. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv062.	2.1	27
113	CRTH2, a prostaglandin D2 receptor, mediates depression-related behavior in mice. <i>Behavioural Brain Research</i> , 2015, 284, 131-137.	2.2	27
114	Clastrum mediates bidirectional and reversible control of stress-induced anxiety responses. <i>Science Advances</i> , 2022, 8, eabi6375.	10.3	27
115	Intra-Islet PACAP Protects Pancreatic $\beta$ -Cells Against Glucotoxicity and Lipotoxicity. <i>Journal of Molecular Neuroscience</i> , 2010, 42, 404-410.	2.3	26
116	GnRH-induced PACAP and PAC1 receptor expression in pituitary gonadotrophs: A possible role in the regulation of gonadotropin subunit gene expression. <i>Peptides</i> , 2010, 31, 1748-1755.	2.4	26
117	Role of endogenous pituitary adenylate cyclase-activating polypeptide in adult hippocampal neurogenesis. <i>Neuroscience</i> , 2011, 172, 554-561.	2.3	26
118	Involvement of intracellular Ca <sup>2+</sup> elevation but not cyclic AMP in PACAP-induced p38 MAP kinase activation in PC12 cells. <i>Regulatory Peptides</i> , 2002, 109, 149-153.	1.9	25
119	Reduced hypothermic and hypnotic responses to ethanol in PACAP-deficient mice. <i>Regulatory Peptides</i> , 2004, 123, 95-98.	1.9	24
120	Serotonergic Inhibition of Intense Jumping Behavior in Mice Lacking PACAP ( <i>Adcyap1</i> <sup>-/-</sup> ). <i>Annals of the New York Academy of Sciences</i> , 2006, 1070, 545-549.	3.8	24
121	Role of endogenous pituitary adenylate cyclase activating polypeptide (PACAP) in myelination of the rodent brain: Lessons from PACAP $\beta$ -deficient mice. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 923-935.	1.6	24
122	Effects of Pituitary Adenylate Cyclase Activating Polypeptide on Human Sperm Motility. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 623-630.	2.3	24
123	Overexpression of Pituitary Adenylate Cyclase-Activating Polypeptide in Islets Inhibits Hyperinsulinemia and Islet Hyperplasia in Agouti Yellow Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 796-803.	2.5	23
124	Characterization of the Thermoregulatory Response to Pituitary Adenylate Cyclase-Activating Polypeptide in Rodents. <i>Journal of Molecular Neuroscience</i> , 2014, 54, 543-554.	2.3	23
125	Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Regulates the Hypothalamo-Pituitary-Thyroid (HPT) Axis via Type 2 Deiodinase in Male Mice. <i>Endocrinology</i> , 2016, 157, 2356-2366.	2.8	23
126	Transient treatments with l-glutamate and threo- $\beta$ -hydroxyaspartate induce swelling of rat cultured astrocytes. <i>Neurochemistry International</i> , 2000, 36, 167-173.	3.8	22



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127	A simplified method to generate serotonergic neurons from mouse embryonic stem and induced pluripotent stem cells. <i>Journal of Neurochemistry</i> , 2012, 122, 81-93.	3.9	22
128	Structural and Morphometric Comparison of Lower Incisors in PACAP-Deficient and Wild-Type Mice. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 300-308.	2.3	22
129	Early Neurobehavioral Development of Mice Lacking Endogenous PACAP. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 468-478.	2.3	22
130	Prenatal exposure to valproic acid increases miR-132 levels in the mouse embryonic brain. <i>Molecular Autism</i> , 2017, 8, 33.	4.9	22
131	Genomic Organization and Chromosomal Location of the Mouse Vasoactive Intestinal Polypeptide 1 (VPAC1) Receptor. <i>Genomics</i> , 1999, 58, 90-93.	2.9	21
132	Pituitary Adenylate Cyclase-Activating Polypeptide Deficiency Enhances Oxazolone-Induced Allergic Contact Dermatitis in Mice. <i>Journal of Molecular Neuroscience</i> , 2010, 42, 443-449.	2.3	21
133	Central PACAP mediates the sympathetic effects of leptin in a tissue-specific manner. <i>Neuroscience</i> , 2013, 238, 297-304.	2.3	21
134	Impaired response to hypoxia in the respiratory center is a major cause of neonatal death of the PACAP <sup>-/-</sup> knockout mouse. <i>European Journal of Neuroscience</i> , 2013, 37, 407-416.	2.6	21
135	Structural and Morphometric Comparison of the Molar Teeth in Pre-eruptive Developmental Stage of PACAP-Deficient and Wild-Type Mice. <i>Journal of Molecular Neuroscience</i> , 2014, 54, 331-341.	2.3	21
136	Reductions in synaptic proteins and selective alteration of prepulse inhibition in male C57BL/6 mice after postnatal administration of a VIP receptor (VIPR2) agonist. <i>Psychopharmacology</i> , 2015, 232, 2181-2189.	3.1	21
137	Pituitary adenylate cyclase-activating polypeptide (PACAP) contributes to the proliferation of hematopoietic progenitor cells in murine bone marrow via PACAP-specific receptor. <i>Scientific Reports</i> , 2016, 6, 22373.	3.3	21
138	Î2-Arrestin1 and 2 differentially regulate PACAP-induced PAC1 receptor signaling and trafficking. <i>PLoS ONE</i> , 2018, 13, e0196946.	2.5	21
139	L-lactate inhibits L-cystine/L-glutamate exchange transport and decreases glutathione content in rat cultured astrocytes. , 2000, 59, 685-691.		20
140	Differential expression of mRNAs for PACAP and its receptors during neural differentiation of embryonic stem cells. <i>Regulatory Peptides</i> , 2005, 126, 109-113.	1.9	20
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