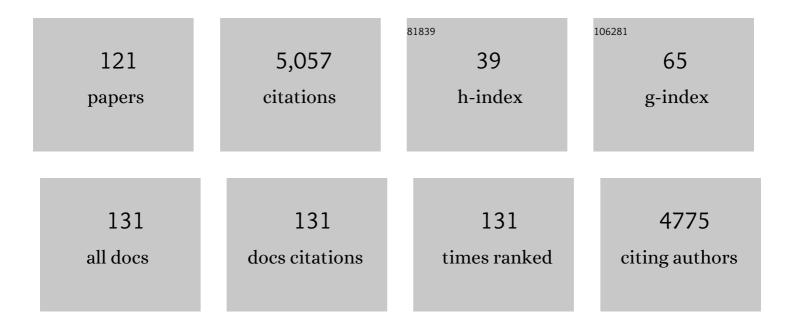
Norihito Shintani

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The pivotal role of pituitary adenylate cyclase-activating polypeptide for lactate production and secretion in astrocytes during fear memory. Pharmacological Reports, 2021, 73, 1109-1121.	1.5	5
2	Pituitary Adenylate Cyclase-Activating Polypeptide in the Ventromedial Hypothalamus Is Responsible for Food Intake Behavior by Modulating the Expression of Agouti-Related Peptide in Mice. Molecular Neurobiology, 2020, 57, 2101-2114.	1.9	17
3	Lipocalin-type prostaglandin D synthase regulates light-induced phase advance of the central circadian rhythm in mice. Communications Biology, 2020, 3, 557.	2.0	5
4	Pathogenic POGZ mutation causes impaired cortical development and reversible autism-like phenotypes. Nature Communications, 2020, 11, 859.	5.8	59
5	Autism-associated protein kinase D2 regulates embryonic cortical neuron development. Biochemical and Biophysical Research Communications, 2019, 519, 626-632.	1.0	3
6	Pituitary Adenylate Cyclase-Activating Polypeptide Modulates Dendritic Spine Maturation and Morphogenesis via MicroRNA-132 Upregulation. Journal of Neuroscience, 2019, 39, 4208-4220.	1.7	17
7	Knockdown of the mitochondriaâ€localized protein p13 protects against experimental parkinsonism. EMBO Reports, 2018, 19, .	2.0	19
8	Unbiased compound screening with a reporter gene assay highlights the role of p13 in the cardiac cellular stress response. Biochemical and Biophysical Research Communications, 2018, 495, 1992-1997.	1.0	1
9	β-Arrestin1 and 2 differentially regulate PACAP-induced PAC1 receptor signaling and trafficking. PLoS ONE, 2018, 13, e0196946.	1.1	21
10	High-Speed and Scalable Whole-Brain Imaging in Rodents and Primates. Neuron, 2017, 94, 1085-1100.e6.	3.8	108
11	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. Schizophrenia Research, 2017, 181, 75-82.	1.1	47
12	High-Fat Diet Augments VPAC1 Receptor-Mediated PACAP Action on the Liver, Inducing LAR Expression and Insulin Resistance. Journal of Diabetes Research, 2016, 2016, 1-10.	1.0	2
13	Double In situ Hybridization for MicroRNAs and mRNAs in Brain Tissues. Frontiers in Molecular Neuroscience, 2016, 9, 126.	1.4	11
14	PACAP suppresses dry eye signs by stimulating tear secretion. Nature Communications, 2016, 7, 12034.	5.8	90
15	Optic Atrophy 1 Is Epistatic to the Core MICOS Component MIC60 in Mitochondrial Cristae Shape Control. Cell Reports, 2016, 17, 3024-3034.	2.9	127
16	Prostaglandin D2 signaling mediated by the CRTH2 receptor is involved in MK-801-induced cognitive dysfunction. Behavioural Brain Research, 2016, 314, 77-86.	1.2	7
17	De novo POGZ mutations in sporadic autism disrupt the DNA-binding activity of POGZ. Journal of Molecular Psychiatry, 2016, 4, 1.	2.0	28
18	Whole-exome sequencing and neurite outgrowth analysis in autism spectrum disorder. Journal of Human Genetics, 2016, 61, 199-206,	1.1	91

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19	Comparative gene expression profiles in pancreatic islets associated with agouti yellow mutation and PACAP overexpression in mice. Biochemistry and Biophysics Reports, 2015, 2, 179-183.	0.7	1
20	PACAP Enhances Axon Outgrowth in Cultured Hippocampal Neurons to a Comparable Extent as BDNF. PLoS ONE, 2015, 10, e0120526.	1.1	45
21	CRTH2, a prostaglandin D2 receptor, mediates depression-related behavior in mice. Behavioural Brain Research, 2015, 284, 131-137.	1.2	27
22	p13 overexpression in pancreatic β-cells ameliorates type 2 diabetes inÂhigh-fat-fed mice. Biochemical and Biophysical Research Communications, 2015, 461, 612-617.	1.0	8
23	Atomoxetine reverses locomotor hyperactivity, impaired novel object recognition, and prepulse inhibition impairment in mice lacking pituitary adenylate cyclase-activating polypeptide. Neuroscience, 2015, 297, 95-104.	1.1	18
24	Simultaneous neuron- and astrocyte-specific fluorescent marking. Biochemical and Biophysical Research Communications, 2015, 459, 81-86.	1.0	10
25	Identification of the role of bone morphogenetic protein (<scp>BMP</scp>) and transforming growth factorâ€Î² (TGFâ€Î²) signaling in the trajectory of serotonergic differentiation in a rapid assay in mouse embryonic stem cells <i>in vitro</i> . Journal of Neurochemistry, 2015, 132, 418-428.	2.1	11
26	Increased Behavioral and Neuronal Responses to a Hallucinogenic Drug in PACAP Heterozygous Mutant Mice. PLoS ONE, 2014, 9, e89153.	1.1	20
27	Behavioral characterization of mice overexpressing human dysbindin-1. Molecular Brain, 2014, 7, 74.	1.3	12
28	Central CRTH2, a Second Prostaglandin D ₂ Receptor, Mediates Emotional Impairment in the Lipopolysaccharide and Tumor-Induced Sickness Behavior Model. Journal of Neuroscience, 2014, 34, 2514-2523.	1.7	17
29	An enriched environment ameliorates memory impairments in PACAP-deficient mice. Behavioural Brain Research, 2014, 272, 269-278.	1.2	38
30	Central PACAP mediates the sympathetic effects of leptin in a tissue-specific manner. Neuroscience, 2013, 238, 297-304.	1.1	21
31	PACAP Inhibits β-cell Mass Expansion in a Mouse Model of Type II Diabetes: Persistent Suppressive Effects on Islet Density. Frontiers in Endocrinology, 2013, 4, 27.	1.5	6
32	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. Behavioural Pharmacology, 2013, 24, 74-77.	0.8	32
33	A simplified method to generate serotonergic neurons from mouse embryonic stem and induced pluripotent stem cells. Journal of Neurochemistry, 2012, 122, 81-93.	2.1	22
34	Lipopolysaccharide affects exploratory behaviors toward novel objects by impairing cognition and/or motivation in mice: Possible role of activation of the central amygdala. Behavioural Brain Research, 2012, 228, 423-431.	1.2	88
35	Compensatory Recovery of Blood Glucose Levels in KKAy Mice Fed a High-Fat Diet: Insulin-Sparing Effects of PACAP Overexpression in β Cells. Journal of Molecular Neuroscience, 2012, 48, 647-653.	1.1	10
36	Neuroprotective Effect of Endogenous Pituitary Adenylate Cyclase-Activating Polypeptide on Spinal Cord Injury. Journal of Molecular Neuroscience, 2012, 48, 508-517.	1.1	40

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37	Serotonin 5-HT7 Receptor Blockade Reverses Behavioral Abnormalities in PACAP-Deficient Mice and Receptor Activation Promotes Neurite Extension in Primary Embryonic Hippocampal Neurons. Journal of Molecular Neuroscience, 2012, 48, 473-481.	1.1	39
38	Comprehensive behavioral analysis of pituitary adenylate cyclase-activating polypeptide (PACAP) knockout mice. Frontiers in Behavioral Neuroscience, 2012, 6, 58.	1.0	73
39	Mice Deficient in Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) are More Susceptible to Retinal Ischemic Injury In Vivo. Neurotoxicity Research, 2012, 21, 41-48.	1.3	45
40	Comparative Examination of Inner Ear in Wild Type and Pituitary Adenylate Cyclase Activating Polypeptide (PACAP)-Deficient Mice. Neurotoxicity Research, 2012, 21, 435-444.	1.3	14
41	The melanocortin system is involved in regulating autonomic nerve activity through central pituitary adenylate cyclase-activating polypeptide. Neuroscience Research, 2011, 70, 55-61.	1.0	18
42	Role of endogenous pituitary adenylate cyclase activating polypeptide (PACAP) in myelination of the rodent brain: Lessons from PACAPâ€deficient mice. International Journal of Developmental Neuroscience, 2011, 29, 923-935.	0.7	24
43	Role of endogenous pituitary adenylate cyclase-activating polypeptide in adult hippocampal neurogenesis. Neuroscience, 2011, 172, 554-561.	1.1	26
44	PACAP is Implicated in the Stress Axes. Current Pharmaceutical Design, 2011, 17, 985-989.	0.9	71
45	Cerulein-Induced Acute Pancreatitis in PACAP Knockout Mice. Journal of Molecular Neuroscience, 2011, 43, 8-15.	1.1	5
46	Trophic Effects of PACAP on Pancreatic Islets: A Mini-Review. Journal of Molecular Neuroscience, 2011, 43, 3-7.	1.1	28
47	PACAP centrally mediates emotional stress-induced corticosterone responses in mice. Stress, 2011, 14, 368-375.	0.8	67
48	Cardioprotective Effect of Endogenous Pituitary Adenylate Cyclase-Activating Polypeptide on Doxorubicin-Induced Cardiomyopathy in Mice. Circulation Journal, 2010, 74, 1183-1190.	0.7	37
49	15d-Prostaglandin J2 Enhancement of Nerve Growth Factor–Induced Neurite Outgrowth Is Blocked by the Chemoattractant Receptor– Homologous Molecule Expressed on T-Helper Type 2 Cells (CRTH2) Antagonist CAY10471 in PC12 Cells. Journal of Pharmacological Sciences, 2010, 113, 89-93.	1.1	17
50	Regulation of Oxidative Stress by Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Mediated by PACAP Receptor. Journal of Molecular Neuroscience, 2010, 42, 397-403.	1.1	43
51	Comparison of Intestinal Warm Ischemic Injury in PACAP Knockout and Wild-Type Mice. Journal of Molecular Neuroscience, 2010, 42, 435-442.	1.1	32
52	Intra-Islet PACAP Protects Pancreatic β-Cells Against Glucotoxicity and Lipotoxicity. Journal of Molecular Neuroscience, 2010, 42, 404-410.	1.1	26
53	Impaired nocifensive behaviours and mechanical hyperalgesia, but enhanced thermal allodynia in pituitary adenylate cyclase-activating polypeptide deficient mice. Neuropeptides, 2010, 44, 363-371.	0.9	40
54	Increased Stathmin1 Expression in the Dentate Gyrus of Mice Causes Abnormal Axonal Arborizations. PLoS ONE, 2010, 5, e8596.	1.1	51

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55	PACAP-Deficient Mice Exhibit Light Parameter–Dependent Abnormalities on Nonvisual Photoreception and Early Activity Onset. PLoS ONE, 2010, 5, e9286.	1.1	31
56	Apelin Is a Crucial Factor for Hypoxia-Induced Retinal Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2182-2187.	1.1	83
57	Roles of neuropeptide PACAP in enriched environment-induced neurogenesis and neurophic/growth factor expression in the hippocampus. Neuroscience Research, 2010, 68, e367.	1.0	0
58	Possible association between the pituitary adenylate cyclase-activating polypeptide (PACAP) gene and major depressive disorder. Neuroscience Letters, 2010, 468, 300-302.	1.0	48
59	Mice deficient in pituitary adenylate cyclase activating polypeptide display increased sensitivity to renal oxidative stress in vitro. Neuroscience Letters, 2010, 469, 70-74.	1.0	29
60	Involvement of a prostanoid receptor CRTH2 in the LPS-induced decrease in object exploration behavior. Neuroscience Research, 2010, 68, e80-e81.	1.0	0
61	Interaction between genetic and non-genetic factors modulates psychomotor behaviors in PACAP-heterozygous knockout mice. Neuroscience Research, 2010, 68, e82.	1.0	0
62	Environmental factors during early developmental period influence psychobehavioral abnormalities in adult PACAP-deficient mice. Behavioural Brain Research, 2010, 209, 274-280.	1.2	62
63	Increased ethanol preference and serotonin 1A receptor-dependent attenuation of ethanol-induced hypothermia in PACAP-deficient mice. Biochemical and Biophysical Research Communications, 2010, 391, 773-777.	1.0	20
64	GnRH-induced PACAP and PAC1 receptor expression in pituitary gonadotrophs: A possible role in the regulation of gonadotropin subunit gene expression. Peptides, 2010, 31, 1748-1755.	1.2	26
65	Regulation of autonomic nerve activities by central pituitary adenylate cyclase-activating polypeptide. Regulatory Peptides, 2010, 161, 73-80.	1.9	37
66	Endogenous Pituitary Adenylate Cyclase Activating Polypeptide Is Involved in Suppression of Edema in the Ischemic Brain. Acta Neurochirurgica Supplementum, 2010, 106, 43-46.	0.5	38
67	Phenotypic Characterization of Transgenic Mice Overexpressing Neuregulin-1. PLoS ONE, 2010, 5, e14185.	1.1	102
68	Depressionâ€like behavior in the forced swimming test in PACAPâ€deficient mice: amelioration by the atypical antipsychotic risperidone. Journal of Neurochemistry, 2009, 110, 595-602.	2.1	90
69	Behavioral analysis of transgenic mouse overexpressing dysbindin-1, a susceptibility gene for schizophrenia. Neuroscience Research, 2009, 65, S122.	1.0	0
70	An Antihyperkinetic Action by the Serotonin 1A–Receptor Agonist Osemozotan Co-administered With Psychostimulants or the Non-stimulant Atomoxetine in Mice. Journal of Pharmacological Sciences, 2009, 109, 396-402.	1.1	7
71	Over-Expression of Pancreatic Pituitary Adenylate Cyclase–Activating Polypeptide (PACAP) Aggravates Cerulein-Induced Acute Pancreatitis in Mice. Journal of Pharmacological Sciences, 2009, 110, 451-458.	1.1	13
72	Inhibitory Effects of Osemozotan, a Serotonin 1A-Receptor Agonist, on Methamphetamine-Induced c-Fos Expression in Prefrontal Cortical Neurons. Biological and Pharmaceutical Bulletin, 2009, 32, 728-731.	0.6	8

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73	PACAP provides colonic protection against dextran sodium sulfate induced colitis. Journal of Cellular Physiology, 2008, 216, 111-119.	2.0	84
74	Involvements of PHI-nitric oxide and PACAP-BK channel in the sustained relaxation of mouse gastric fundus. European Journal of Pharmacology, 2008, 590, 80-86.	1.7	15
75	Lack of light-induced elevation of renal sympathetic nerve activity and plasma corticosterone levels in PACAP-deficient mice. Neuroscience Letters, 2008, 444, 153-156.	1.0	33
76	Gonadotropin-Releasing Hormone Inhibits Pituitary Adenylyl Cyclase-Activating Polypeptide Coupling to 3′,5′-Cyclic Adenosine-5′-Monophosphate Pathway in LβT2 Gonadotrope Cells through Novel Protein Kinase C Isoforms and Phosphorylation of Pituitary Adenylyl Cyclase-Activating Polypeptide Type I Receptor. Endocrinology, 2008, 149, 6389-6398.	1.4	21
77	Retardation of Retinal Vascular Development in Apelin-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1717-1722.	1.1	120
78	Markedly Reduced White Adipose Tissue and Increased Insulin Sensitivity in Adcyap1-Deficient Mice. Journal of Pharmacological Sciences, 2008, 107, 41-48.	1.1	47
79	Recent Studies on the Trimethyltin Actions in Central Nervous Systems. Yakugaku Zasshi, 2007, 127, 451-461.	0.0	12
80	Methamphetamine-induced hyperactivity and behavioral sensitization in PACAP deficient mice. Peptides, 2007, 28, 1674-1679.	1.2	14
81	PACAP deficient mice exhibit light parameter dependent abnormalities of nonvisual photoreception. Neuroscience Research, 2007, 58, S168.	1.0	0
82	A novel DISC1-interacting partner DISC1-Binding Zinc-finger protein: implication in the modulation of DISC1-dependent neurite outgrowth. Molecular Psychiatry, 2007, 12, 398-407.	4.1	90
83	Pituitary adenylate cyclase-activating polypeptide is associated with schizophrenia. Molecular Psychiatry, 2007, 12, 1026-1032.	4.1	133
84	PACAP- and PHI-mediated sustained relaxation in circular muscle of gastric fundus: Findings obtained in PACAP knockout mice. Regulatory Peptides, 2006, 133, 54-61.	1.9	11
85	New Insights into the Central PACAPergic System from the Phenotypes in PACAP- and PACAP Receptor-Knockout Mice. Annals of the New York Academy of Sciences, 2006, 1070, 75-89.	1.8	107
86	Inhibition of Self-Renewal and Induction of Neural Differentiation by PACAP in Neural Progenitor Cells. Annals of the New York Academy of Sciences, 2006, 1070, 342-347.	1.8	15
87	Lack of Trimethyltin (TMT)-Induced Elevation of Plasma Corticosterone in PACAP-Deficient Mice. Annals of the New York Academy of Sciences, 2006, 1070, 450-456.	1.8	16
88	Serotonergic Inhibition of Intense Jumping Behavior in Mice Lacking PACAP (Adcyap1-/-). Annals of the New York Academy of Sciences, 2006, 1070, 545-549.	1.8	24
89	Roles of PACAP and PHI as inhibitory neurotransmitters in the circular muscle of mouse antrum. Pflugers Archiv European Journal of Physiology, 2006, 451, 559-568.	1.3	7
90	Endogenous PACAP acts as a neuroprotectant against ischemic neuronal damage mediating bcl-2 signal. Frontiers in Neuroendocrinology, 2006, 27, 112.	2.5	0

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91	Expression of prokineticin receptors in mouse cultured astrocytes and involvement in cell proliferation. Brain Research, 2006, 1112, 65-69.	1.1	22
92	Psychostimulant-Induced Attenuation of Hyperactivity and Prepulse Inhibition Deficits in Adcyap1-Deficient Mice. Journal of Neuroscience, 2006, 26, 5091-5097.	1.7	79
93	Pituitary adenylate cyclase-activating polypeptide (PACAP) decreases ischemic neuronal cell death in association with IL-6. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7488-7493.	3.3	182
94	Mice Lacking PACAP: A Minireview Focussing on the Brain Function. ChemInform, 2005, 36, no.	0.1	0
95	Neuroprotective action of endogenous PACAP in cultured rat cortical neurons. Regulatory Peptides, 2005, 126, 123-128.	1.9	55
96	Differential expression of mRNAs for PACAP and its receptors during neural differentiation of embryonic stem cells. Regulatory Peptides, 2005, 126, 109-113.	1.9	20
97	Monoaminergic neuronal development is not affected in PACAP-gene-deficient mice. Regulatory Peptides, 2005, 126, 103-108.	1.9	17
98	Overexpression of Pituitary Adenylate Cyclase-Activating Polypeptide in Islets Inhibits Hyperinsulinemia and Islet Hyperplasia in Agouti Yellow Mice. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 796-803.	1.3	23
99	Pituitary Adenylate Cyclase-Activating Polypeptide Is Required for the Development of Spinal Sensitization and Induction of Neuropathic Pain. Journal of Neuroscience, 2004, 24, 7283-7291.	1.7	104
100	Apelin is a novel angiogenic factor in retinal endothelial cells. Biochemical and Biophysical Research Communications, 2004, 325, 395-400.	1.0	265
101	Overexpression of PACAP in the pancreas failed to rescue early postnatal mortality in PACAP-null mice. Regulatory Peptides, 2004, 123, 155-159.	1.9	7
102	Reduced hypothermic and hypnotic responses to ethanol in PACAP-deficient mice. Regulatory Peptides, 2004, 123, 95-98.	1.9	24
103	PACAP activates Rac1 and synergizes with NGF to activate ERK1/2, thereby inducing neurite outgrowth in PC12 cells. Molecular Brain Research, 2004, 123, 18-26.	2.5	28
104	PACAP deficient mice display reduced carbohydrate intake and PACAP activates NPY-containing neurons in the rat hypothalamic arcuate nucleus. Neuroscience Letters, 2004, 370, 252-256.	1.0	61
105	The pituitary adenylate cyclase–activating polypeptide is a physiological inhibitor of platelet activation. Journal of Clinical Investigation, 2004, 113, 905-912.	3.9	64
106	The pituitary adenylate cyclase–activating polypeptide is a physiological inhibitor of platelet activation. Journal of Clinical Investigation, 2004, 113, 905-912.	3.9	29
107	Functional roles of the neuropeptide PACAP in brain and pancreas. Life Sciences, 2003, 74, 337-343.	2.0	30
108	Changes in light-induced phase shift of circadian rhythm in mice lacking PACAP. Biochemical and Biophysical Research Communications, 2003, 310, 169-175.	1.0	70

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109	Possible involvement of a cyclic AMP-dependent mechanism in PACAP-induced proliferation and ERK activation in astrocytes. Biochemical and Biophysical Research Communications, 2003, 311, 337-343.	1.0	36
110	Overexpression of PACAP in Transgenic Mouse Pancreatic Â-Cells Enhances Insulin Secretion and Ameliorates Streptozotocin-induced Diabetes. Diabetes, 2003, 52, 1155-1162.	0.3	77
111	Impaired long-term potentiation in vivo in the dentate gyrus of pituitary adenylate cyclase-activating polypeptide (PACAP) or PACAP type 1 receptor-mutant mice. NeuroReport, 2003, 14, 2095-2098.	0.6	67
112	PAC1 Receptor-Mediated Relaxation of Longitudinal Muscle of the Mouse Proximal Colon. The Japanese Journal of Pharmacology, 2002, 90, 97-100.	1.2	10
113	Higher brain functions of PACAP and a homologous Drosophila memory gene amnesiac: insights from knockouts and mutants. Biochemical and Biophysical Research Communications, 2002, 297, 427-432.	1.0	64
114	Defects in reproductive functions in PACAP-deficient female mice. Regulatory Peptides, 2002, 109, 45-48.	1.9	79
115	Involvement of intracellular Ca2+ elevation but not cyclic AMP in PACAP-induced p38 MAP kinase activation in PC12 cells. Regulatory Peptides, 2002, 109, 149-153.	1.9	25
116	Mice with Markedly Reduced PACAP (PAC1) Receptor Expression by Targeted Deletion of the Signal Peptide. Journal of Neurochemistry, 2002, 75, 1810-1817.	2.1	35
117	Involvement of p38 MAP Kinase Pathway in the Synergistic Activation of PACAP mRNA Expression by NGF and PACAP in PC12h Cells. Biochemical and Biophysical Research Communications, 2001, 285, 656-661.	1.0	34
118	Synergistic Induction of Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Gene Expression by Nerve Growth Factor and PACAP in PC12 Cells. Journal of Neurochemistry, 2001, 74, 501-507.	2.1	63
119	Altered psychomotor behaviors in mice lacking pituitary adenylate cyclase-activating polypeptide (PACAP). Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13355-13360.	3.3	350
120	Desensitization, surface expression, and glycosylation of a functional, epitope-tagged type I PACAP (PAC 1) receptor. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1509, 195-202.	1.4	18
121	Genomic Organization and Chromosomal Location of the Mouse Vasoactive Intestinal Polypeptide 1 (VPAC1) Receptor. Genomics, 1999, 58, 90-93.	1.3	21