Vincent Prevot

List of Publications by Year in descending order

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183 papers	10,843 citations	28736 57 h-index	43601 95 g-index

217 all docs	217 docs citations	217 times ranked	10408 citing authors

#	Article	IF	Citations
1	Short regulatory DNA sequences to target brain endothelial cells for gene therapy. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 104-120.	2.4	6
2	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. Journal of Hepatology, 2022, 76, 11-24.	1.8	16
3	The polygamous GnRH neuron: Astrocytic and tanycytic communication with a neuroendocrine neuronal population. Journal of Neuroendocrinology, 2022, 34, e13104.	1.2	11
4	Inhibition of carnitine palmitoyltransferase 1A in hepatic stellate cells protects against fibrosis. Journal of Hepatology, 2022, 77, 15-28.	1.8	31
5	Glial control of neuronal function. Nature Reviews Endocrinology, 2022, 18, 195-195.	4.3	2
6	Glycemic control: Tanycytes march to the beat of the suprachiasmatic drummer. Current Biology, 2022, 32, R173-R176.	1.8	1
7	Selective Depletion of Adult GFAP-Expressing Tanycytes Leads to Hypogonadotropic Hypogonadism in Males. Frontiers in Endocrinology, 2022, 13, 869019.	1.5	8
8	Defining Reference Ranges for Serum Anti-MÃ¼llerian Hormone on a Large Cohort of Normozoospermic Adult Men Highlights New Potential Physiological Functions of AMH on FSH Secretion and Sperm Motility. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1878-1887.	1.8	7
9	Alteration of the gut microbiota following SARS-CoV-2 infection correlates with disease severity in hamsters. Gut Microbes, 2022, 14, 2018900.	4.3	47
10	Efficacy of lanreotide 120â€‰mg primary therapy on tumour shrinkage and ophthalmologic symptoms in acromegaly after 1 month. Clinical Endocrinology, 2022, , .	1.2	0
11	Sowing SARS-CoV-2 to reap neurodegeneration: A hamster study. EBioMedicine, 2022, 80, 104071.	2.7	0
12	Les neurones produisant laÂgonadolibÃ©rine sculptent leur environnement neuroglial dans la petite enfance. Medecine/Sciences, 2022, 38, 428-430.	0.0	1
13	Tanycytes control hypothalamic liraglutide uptake and its anti-obesity actions. Cell Metabolism, 2022, 34, 1054-1063.e7.	7.2	28
14	Melatonin drugs inhibit SARS-CoV-2 entry into the brain and virus-induced damage of cerebral small vessels. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	13
15	Amyloid Beta Peptide Is an Endogenous Negative Allosteric Modulator of Leptin Receptor. Neuroendocrinology, 2021, 111, 370-387.	1.2	11
16	Obese patients with NASH have increased hepatic expression of SARS-CoV-2 critical entry points. Journal of Hepatology, 2021, 74, 469-471.	1.8	51
17	Glial endozepines and energy balance: Old peptides with new tricks. Glia, 2021, 69, 1079-1093.	2.5	15
18	Tanycytes in the infundibular nucleus and median eminence and their role in the bloodâ€“brain barrier. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 180, 253-273.	1.0	17

#	ARTICLE	IF	CITATIONS
19	Polycystic ovary syndrome is transmitted via a transgenerational epigenetic process. Cell Metabolism, 2021, 33, 513-530.e8.	7.2	107
20	Sirt3 in POMC neurons controls energy balance in a sex- and diet-dependent manner. Redox Biology, 2021, 41, 101945.	3.9	9
21	Is LRP2 Involved in Leptin Transport over the Blood-Brain Barrier and Development of Obesity?. International Journal of Molecular Sciences, 2021, 22, 4998.	1.8	7
22	Long-term ovarian hormone deprivation alters functional connectivity, brain neurochemical profile and white matter integrity in the Tg2576 amyloid mouse model of Alzheimer's disease. Neurobiology of Aging, 2021, 102, 139-150.	1.5	7
23	The cryptic gonadotropin-releasing hormone neuronal system of human basal ganglia. ELife, 2021, 10, .	2.8	16
24	Hypothalamic bile acid-TGR5 signaling protects from obesity. Cell Metabolism, 2021, 33, 1483-1492.e10.	7.2	79
25	The KiNG of reproduction: Kisspeptin/ nNOS interactions shaping hypothalamic GnRH release. Molecular and Cellular Endocrinology, 2021, 532, 111302.	1.6	12
26	Leptin brain entry via a tanycytic LepRâ€“EGFR shuttle controls lipid metabolism and pancreas function. Nature Metabolism, 2021, 3, 1071-1090.	5.1	67
27	Tanycytic networks mediate energy balance by feeding lactate to glucose-insensitive POMC neurons. Journal of Clinical Investigation, 2021, 131, .	3.9	31
28	Circulating ghrelin crosses the blood-cerebrospinal fluid barrier via growth hormone secretagogue receptor dependent and independent mechanisms. Molecular and Cellular Endocrinology, 2021, 538, 111449.	1.6	19
29	Unveiling the Importance of Tanycytes in the Control of the Dialogue Between the Brain and the Periphery. Masterclass in Neuroendocrinology, 2021, , 255-284.	0.1	2
30	International Neuroendocrine Federation: Year 2020 in Review. Journal of Neuroendocrinology, 2021, 33, e13059.	1.2	0
31	Multifaceted actions of melanin-concentrating hormone on mammalian energy homeostasis. Nature Reviews Endocrinology, 2021, 17, 745-755.	4.3	34
32	The SARS-CoV-2 main protease Mpro causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. Nature Neuroscience, 2021, 24, 1522-1533.	7.1	164
33	GnRH Neurons: The Return of the Rat. Endocrinology, 2021, 162, .	1.4	1
34	GnRH neurons recruit astrocytes in infancy to facilitate network integration and sexual maturation. Nature Neuroscience, 2021, 24, 1660-1672.	7.1	25
35	Arterial Spin Labeling and Central Precocious Puberty. Clinical Neuroradiology, 2020, 30, 137-144.	1.0	5
36	Endozepines and their receptors: Structure, functions and pathophysiological significance. , 2020, 208, 107386.		43

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37	Nitric oxide signalling in the brain and its control of bodily functions. British Journal of Pharmacology, 2020, 177, 5437-5458.	2.7	48
38	Hypothalamic Structural and Functional Imbalances in Anorexia Nervosa. Neuroendocrinology, 2020, 110, 552-562.	1.2	41
39	GPR50-Ctail cleavage and nuclear translocation: a new signal transduction mode for G protein-coupled receptors. Cellular and Molecular Life Sciences, 2020, 77, 5189-5205.	2.4	11
40	Molecular targets for endogenous glial cell line-derived neurotrophic factor modulation in striatal parvalbumin interneurons. Brain Communications, 2020, 2, fcaa105.	1.5	13
41	Neuropilinâ€1 expression in GnRH neurons regulates prepubertal weight gain and sexual attraction. EMBO Journal, 2020, 39, e104633.	3.5	22
42	Reproductive Function During Chronodisruption: Model of Shiftwork in Rodents. Endocrinology, 2020, 161, .	1.4	0
43	Glial Endozepines Reverse High-Fat Diet-Induced Obesity by Enhancing Hypothalamic Response to Peripheral Leptin. Molecular Neurobiology, 2020, 57, 3307-3333.	1.9	20
44	NF-ÎºB signaling in tanycytes mediates inflammation-induced anorexia. Molecular Metabolism, 2020, 39, 101022.	3.0	27
45	MCH Neurons Regulate Permeability of the Median Eminence Barrier. Neuron, 2020, 107, 306-319.e9.	3.8	45
46	Semaglutide lowers body weight in rodents via distributed neural pathways. JCI Insight, 2020, 5, .	2.3	250
47	Non-secreting pituitary tumours characterised by enhanced expression of YAP/TAZ. Endocrine-Related Cancer, 2019, 26, 215-225.	1.6	19
48	Hypothalamic dopamine signalling regulates brown fat thermogenesis. Nature Metabolism, 2019, 1, 811-829.	5.1	44
49	New Developments in Reproductive and Stress Neuroendocrinology. Neuroendocrinology, 2019, 109, 191-192.	1.2	2
50	Hypothalamic miR-30 regulates puberty onset via repression of the puberty-suppressing factor, Mkrn3. PLoS Biology, 2019, 17, e3000532.	2.6	42
51	MCH Regulates SIRT1/FoxO1 and Reduces POMC Neuronal Activity to Induce Hyperphagia, Adiposity, and Glucose Intolerance. Diabetes, 2019, 68, 2210-2222.	0.3	34
52	Ghrelin transport across the bloodâ€“cerebrospinal fluid barrier occurs in a ghrelin receptor independent-manner. IBRO Reports, 2019, 6, S261.	0.3	0
53	Preclinical Assessment of Leptin Transport into the Cerebrospinal Fluid in Dietâ€Induced Obese Minipigs. Obesity, 2019, 27, 950-956.	1.5	10
54	Image-guided phenotyping of ovariectomized mice: altered functional connectivity, cognition, myelination, and dopaminergic functionality. Neurobiology of Aging, 2019, 74, 77-89.	1.5	14

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55	Role of astrocytes, microglia, and tanycytes in brain control of systemic metabolism. Nature Neuroscience, 2019, 22, 7-14.	7.1	200
56	Defective AMH signaling disrupts GnRH neuron development and function and contributes to hypogonadotropic hypogonadism. ELife, 2019, 8, .	2.8	49
57	Female sexual behavior in mice is controlled by kisspeptin neurons. Nature Communications, 2018, 9, 400.	5.8	116
58	Seasonal reorganization of hypothalamic neurogenic niche in adult sheep. Brain Structure and Function, 2018, 223, 91-109.	1.2	23
59	The Versatile Tanycyte: A Hypothalamic Integrator of Reproduction and Energy Metabolism. Endocrine Reviews, 2018, 39, 333-368.	8.9	177
60	The orphan GPR50 receptor promotes constitutive TGFÎ² receptor signaling and protects against cancer development. Nature Communications, 2018, 9, 1216.	5.8	31
61	The special relationship: gliaâ€“neuron interactions in the neuroendocrine hypothalamus. Nature Reviews Endocrinology, 2018, 14, 25-44.	4.3	91
62	A comparative study of the neural stem cell niche in the adult hypothalamus of human, mouse, rat and gray mouse lemur (Microcebus murinus). Journal of Comparative Neurology, 2018, 526, 1419-1443.	0.9	67
63	Elevated prenatal anti-MÃ¼llerian hormone reprograms the fetus and induces polycystic ovary syndrome in adulthood. Nature Medicine, 2018, 24, 834-846.	15.2	289
64	Le fÅ“tus et son environnement : rÃ1le des professionnels pour prÃ©server le capital santÃ© des adultes de demain. Bulletin De L'Academie Nationale De Medecine, 2018, 202, 1027-1035.	0.0	0
65	Lipoprotein lipase in hypothalamus is a key regulator of body weight gain and glucose homeostasis in mice. Diabetologia, 2017, 60, 1314-1324.	2.9	23
66	When Size Matters: How Astrocytic Processes Shape Metabolism. Cell Metabolism, 2017, 25, 995-996.	7.2	6
67	The gentle art of saying NO: how nitric oxide gets things done in the hypothalamus. Nature Reviews Endocrinology, 2017, 13, 521-535.	4.3	87
68	Phenotyping of nNOS neurons in the postnatal and adult female mouse hypothalamus. Journal of Comparative Neurology, 2017, 525, 3177-3189.	0.9	44
69	<scp>KLB</scp> , encoding Î²â€Klotho, is mutated in patients with congenital hypogonadotropic hypogonadism. EMBO Molecular Medicine, 2017, 9, 1379-1397.	3.3	77
70	Phenotyping of nNOS neurons in the postnatal and adult female mouse hypothalamus. Journal of Comparative Neurology, 2017, 525, spc1.	0.9	0
71	Hypothalamic microRNAs flip the switch for fertility. Oncotarget, 2017, 8, 8993-8994.	0.8	7
72	A microRNA switch regulates the rise in hypothalamic GnRH production before puberty. Nature Neuroscience, 2016, 19, 835-844.	7.1	174

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73	Development of the neurons controlling fertility in humans: new insights from 3D imaging and transparent fetal brains. Development (Cambridge), 2016, 143, 3969-3981.	1.2	140
74	Programming the Brain from the Womb: Maternal Obesity Perturbs the Hypothalamic Blood-Brain Barrier. Endocrinology, 2016, 157, 2201-2203.	1.4	6
75	Loss of Magel2 impairs the development of hypothalamic Anorexigenic circuits. Human Molecular Genetics, 2016, 25, 3208-3215.	1.4	40
76	Leptin Controls Parasympathetic Wiring of the Pancreas during Embryonic Life. Cell Reports, 2016, 15, 36-44.	2.9	24
77	Novel role for anti-MÃ¼llerian hormone in the regulation of GnRH neuron excitability and hormone secretion. Nature Communications, 2016, 7, 10055.	5.8	284
78	Coexpression profiles reveal hidden gene networks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2563-2565.	3.3	3
79	A kiss to set the rhythm. ELife, 2016, 5, .	2.8	4
80	Semaphorin7A regulates neuroglial plasticity in the adult hypothalamic median eminence. Nature Communications, 2015, 6, 6385.	5.8	105
81	Neonatal overnutrition causes early alterations in the central response to peripheral ghrelin. Molecular Metabolism, 2015, 4, 15-24.	3.0	122
82	Physical activity: benefit or weakness in metabolic adaptations in a mouse model of chronic food restriction?. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E241-E255.	1.8	39
83	European Consensus Statement on congenital hypogonadotropic hypogonadismâ€"pathogenesis, diagnosis and treatment. Nature Reviews Endocrinology, 2015, 11, 547-564.	4.3	664
84	Convergence of Melatonin and Serotonin (5-HT) Signaling at MT2/5-HT2C Receptor Heteromers. Journal of Biological Chemistry, 2015, 290, 11537-11546.	1.6	90
85	Puberty in Mice and Rats. , 2015, , 1395-1439.		43
86	Dynamic Control of Neural Reproductive Centers by Endothelial Cells. , 2015, , 76-97.		0
87	Brain Endothelial Cells Control Fertility through Ovarian-Steroidâ€"Dependent Release of Semaphorin 3A. PLoS Biology, 2014, 12, e1001808.	2.6	56
88	Sustained Alterations of Hypothalamic Tanycytes During Posttraumatic Hypopituitarism in Male Mice. Endocrinology, 2014, 155, 1887-1898.	1.4	37
89	Hippocampal lipoprotein lipase regulates energy balance in rodents. Molecular Metabolism, 2014, 3, 167-176.	3.0	47
90	Hypothalamic Tanycytes Are an ERK-Gated Conduit for Leptin into the Brain. Cell Metabolism, 2014, 19, 293-301.	7.2	381

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91	DCXâ€expressing cells in the vicinity of the hypothalamic neurogenic niche: A comparative study between mouse, sheep, and human tissues. Journal of Comparative Neurology, 2014, 522, 1966-1985.	0.9	79
92	Leptin-dependent neuronal NO signaling in the preoptic hypothalamus facilitates reproduction. Journal of Clinical Investigation, 2014, 124, 2550-2559.	3.9	104
93	Neurogenesis and Gliogenesis in the Postnatal Hypothalamus: A New Level of Plasticity for the Regulation of Hypothalamic Function?. Pancreatic Islet Biology, 2014, , 105-136.	0.1	4
94	Melanin-concentrating hormone regulates beat frequency of ependymal cilia and ventricular volume. Nature Neuroscience, 2013, 16, 845-847.	7.1	70
95	Role of Glia in the Regulation of Gonadotropin-Releasing Hormone Neuronal Activity and Secretion. Neuroendocrinology, 2013, 98, 1-15.	1.2	52
96	Tanycyte-like cells form a blood-cerebrospinal fluid barrier in the circumventricular organs of the mouse brain. Journal of Comparative Neurology, 2013, 521, spc1-spc1.	0.9	4
97	Semaphorins in the development, homeostasis and disease of hormone systems. Seminars in Cell and Developmental Biology, 2013, 24, 190-198.	2.3	33
98	Tanycytic VEGF-A Boosts Blood-Hypothalamus Barrier Plasticity and Access of Metabolic Signals to the Arcuate Nucleus in Response to Fasting. Cell Metabolism, 2013, 17, 607-617.	7.2	285
99	Tanycyteâ€like cells form a bloodâ€“cerebrospinal fluid barrier in the circumventricular organs of the mouse brain. Journal of Comparative Neurology, 2013, 521, 3389-3405.	0.9	219
100	Glucagon-like peptide 1 receptor induced suppression of food intake, and body weight is mediated by central IL-1 and IL-6. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16199-16204.	3.3	114
101	Sstr2A: a relevant target for the delivery of genes into human glioblastoma cells using fiber-modified adenoviral vectors. Gene Therapy, 2013, 20, 283-297.	2.3	10
102	Rapid sensing of circulating ghrelin by hypothalamic appetite-modifying neurons. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1512-1517.	3.3	258
103	A Molecular Predictor Reassesses Classification of Human Grade II/III Gliomas. PLoS ONE, 2013, 8, e66574.	1.1	7
104	Flipping the tanycyte switch: how circulating signals gain direct access to the metabolic brain. Aging, 2013, 5, 332-334.	1.4	25
105	Alteration in Neonatal Nutrition Causes Perturbations in Hypothalamic Neural Circuits Controlling Reproductive Function. Journal of Neuroscience, 2012, 32, 11486-11494.	1.7	92
106	Suppression of Î²1-Integrin in Gonadotropin-Releasing Hormone Cells Disrupts Migration and Axonal Extension Resulting in Severe Reproductive Alterations. Journal of Neuroscience, 2012, 32, 16992-17002.	1.7	34
107	Allopregnanolone Prevents Dieldrin-Induced NMDA Receptor Internalization and Neurotoxicity by Preserving GABAA Receptor Function. Endocrinology, 2012, 153, 847-860.	1.4	8
108	Kisspeptin-GPR54 Signaling in Mouse NO-Synthesizing Neurons Participates in the Hypothalamic Control of Ovulation. Journal of Neuroscience, 2012, 32, 932-945.	1.7	103

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109	Isolation and Culture of Human Astrocytes. Methods in Molecular Biology, 2012, 814, 137-151.	0.4	25
110	Endothelial Expression of Endocan Is Strongly Associated with Tumor Progression in Pituitary Adenoma. Brain Pathology, 2012, 22, 757-764.	2.1	61
111	MRI atlas of the human hypothalamus. NeuroImage, 2012, 59, 168-180.	2.1	160
112	Neuroendocrine Control of Reproduction. , 2012, , 197-235.		8
113	SEMA3A, a Gene Involved in Axonal Pathfinding, Is Mutated in Patients with Kallmann Syndrome. PLoS Genetics, 2012, 8, e1002896.	1.5	190
114	Neuroanatomical distribution of the orphan GPR50 receptor in adult sheep and rodent brains. Journal of Neuroendocrinology, 2012, 24, 798-808.	1.2	30
115	NO-dependent protective effect of VEGF against excitotoxicity on layer VI of the developing cerebral cortex. Neurobiology of Disease, 2012, 45, 871-886.	2.1	14
116	GnRH Neurons Directly Listen to the Periphery. Endocrinology, 2011, 152, 3589-3591.	1.4	9
117	Phenotypic and molecular characterization of proliferating and differentiated GnRH-expressing GnV-3 cells. Molecular and Cellular Endocrinology, 2011, 332, 97-105.	1.6	12
118	Gliotransmission by Prostaglandin E2: A Prerequisite for GnRH Neuronal Function?. Frontiers in Endocrinology, 2011, 2, 91.	1.5	28
119	Nitric Oxide as Key Mediator of Neuron-to-Neuron and Endothelia-to-Glia Communication Involved in the Neuroendocrine Control of Reproduction. Neuroendocrinology, 2011, 93, 74-89.	1.2	64
120	Prostaglandin E ₂ release from astrocytes triggers gonadotropin-releasing hormone (GnRH) neuron firing via EP2 receptor activation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16104-16109.	3.3	91
121	Differential Distribution of erbB Receptors in Human Glioblastoma Multiforme: Expression of erbB3 in CD133-Positive Putative Cancer Stem Cells. Journal of Neuropathology and Experimental Neurology, 2010, 69, 606-622.	0.9	36
122	Function-related structural plasticity of the GnRH system. Frontiers in Neuroendocrinology, 2010, 31, 241-258.	2.5	62
123	Distribution of leptinâ€sensitive cells in the postnatal and adult mouse brain. Journal of Comparative Neurology, 2010, 518, 459-476.	0.9	122
124	Differential distribution of tight junction proteins suggests a role for tanycytes in bloodâ€hypothalamus barrier regulation in the adult mouse brain. Journal of Comparative Neurology, 2010, 518, 943-962.	0.9	254
125	Expression of the orphan GPR50 protein in rodent and human dorsomedial hypothalamus, tanycytes and median eminence. Journal of Pineal Research, 2010, 48, 263-269.	3.4	54
126	GnRH nerve terminals, tanycytes and neurohaemal junction remodeling in the adult median eminence: functional consequences for reproduction and dynamic role of vascular endothelial cells. Journal of Neuroendocrinology, 2010, 22, no-no.	1.2	82

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127	Plasticity of neuroendocrine systems. European Journal of Neuroscience, 2010, 32, 1987-1988.	1.2	7
128	Role of Estradiol in the Dynamic Control of Tanycyte Plasticity Mediated by Vascular Endothelial Cells in the Median Eminence. Endocrinology, 2010, 151, 1760-1772.	1.4	62
129	Phosphorylation ofN-Methyl-<scp>d</scp>-Aspartic Acid Receptor-Associated Neuronal Nitric Oxide Synthase Depends on Estrogens and Modulates Hypothalamic Nitric Oxide Production during the Ovarian Cycle. Endocrinology, 2010, 151, 2723-2735.	1.4	27
130	ErbB receptor signaling in astrocytes: A mediator of neuron-glia communication in the mature central nervous system. Neurochemistry International, 2010, 57, 344-358.	1.9	25
131	Sex steroid hormones-related structural plasticity in the human hypothalamus. NeuroImage, 2010, 50, 428-433.	2.1	46
132	Brain-Endocrine Interactions: A Microvascular Route in the Mediobasal Hypothalamus. Endocrinology, 2009, 150, 5509-5519.	1.4	123
133	Differential erbB signaling in astrocytes from the cerebral cortex and the hypothalamus of the human brain. Glia, 2009, 57, 362-379.	2.5	50
134	Astrocytes Reverted to a Neural Progenitor-like State with Transforming Growth Factor Alpha Are Sensitized to Cancerous Transformation. Stem Cells, 2009, 27, 2373-2382.	1.4	39
135	Estradiol induces physical association of neuronal nitric oxide synthase with NMDA receptor and promotes nitric oxide formation via estrogen receptor activation in primary neuronal cultures. Journal of Neurochemistry, 2009, 109, 214-224.	2.1	32
136	ERK phosphorylation in intact, adult brain by Î±2-adrenergic transactivation of EGF receptors. Neurochemistry International, 2009, 55, 593-600.	1.9	31
137	Activation of Neuronal Nitric Oxide Release Inhibits Spontaneous Firing in Adult Gonadotropin-Releasing Hormone Neurons: A Possible Local Synchronizing Signal. Endocrinology, 2008, 149, 587-596.	1.4	62
138	Coupling of Neuronal Nitric Oxide Synthase to NMDA Receptors via Postsynaptic Density-95 Depends on Estrogen and Contributes to the Central Control of Adult Female Reproduction. Journal of Neuroscience, 2007, 27, 6103-6114.	1.7	51
139	Transforming growth factor Î± promotes sequential conversion of mature astrocytes into neural progenitors and stem cells. Oncogene, 2007, 26, 2695-2706.	2.6	83
140	Morphological Evidence for Direct Interaction Between Gonadotrophin-Releasing Hormone Neurones and Astroglial Cells in the Human Hypothalamus. Journal of Neuroendocrinology, 2007, 19, 691-702.	1.2	66
141	Neuronalâ€“glialâ€“endothelial interactions and cell plasticity in the postnatal hypothalamus: Implications for the neuroendocrine control of reproduction. Psychoneuroendocrinology, 2007, 32, S46-S51.	1.3	53
142	Transforming growth factor alpha acts as a gliatrophin for mouse and human astrocytes. Oncogene, 2006, 25, 4076-4085.	2.6	29
143	erbB-1 and erbB-4 Receptors Act in Concert to Facilitate Female Sexual Development and Mature Reproductive Function. Endocrinology, 2005, 146, 1465-1472.	1.4	70
144	Towards Understanding the Neurobiology of Mammalian Puberty: Genetic, Genomic and Proteomic Approaches. , 2005, , 47-60.		5

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145	Des acteurs clÃ©s de la rÃ©gulation de la sÃ©crÃ©tion de GnRH : les cellules gliales et endothÃ©liales de lâ€™hypothalamus. SociÃ©tÃ© De Biologie Journal, 2004, 198, 68-72.	0.3	2
146	Transforming Growth Factor Î²1May Directly Influence Gonadotropin-Releasing Hormone Gene Expression in the Rat Hypothalamus. Endocrinology, 2004, 145, 1794-1801.	1.4	45
147	Vascular Endothelial Cells Promote Acute Plasticity in Ependymoglial Cells of the Neuroendocrine Brain. Journal of Neuroscience, 2004, 24, 10353-10363.	1.7	67
148	Î±-Adrenergic stimulation of ERK phosphorylation in astrocytes is Î±2-specific and may be mediated by transactivation. Brain Research, 2003, 978, 65-71.	1.1	30
149	Glia-to-neuron signaling and the neuroendocrine control of female puberty. Annals of Medicine, 2003, 35, 244-255.	1.5	117
150	The Neurobiology of Female Puberty. Hormone Research in Paediatrics, 2003, 60, 15-20.	0.8	14
151	Hippocampal nitric oxide upregulation precedes memory loss and AÎ²1-40accumulation after chronic brain hypoperfusion in rats. Neurological Research, 2003, 25, 635-641.	0.6	65
152	Glialâ€“neuronalâ€“endothelial interactions and the neuroendocrine control of GnRH secretion. Advances in Molecular and Cell Biology, 2003, 31, 199-214.	0.1	3
153	Neuron-to-Glia Signaling Mediated by Excitatory Amino Acid Receptors Regulates ErbB Receptor Function in Astroglial Cells of the Neuroendocrine Brain. Journal of Neuroscience, 2003, 23, 915-926.	1.7	79
154	Activation of erbB-1 Signaling in Tanycytes of the Median Eminence Stimulates Transforming Growth Factor Î²1Release via Prostaglandin E2Production and Induces Cell Plasticity. Journal of Neuroscience, 2003, 23, 10622-10632.	1.7	105
155	Normal Female Sexual Development Requires Neuregulinâ€“erbB Receptor Signaling in Hypothalamic Astrocytes. Journal of Neuroscience, 2003, 23, 230-239.	1.7	159
156	Gonadotropin-Releasing Hormone and Puberty. , 2003, , 165-171.		1
157	Galanin modulates the activity of proopiomelanocortin neurons in the isolated mediobasal hypothalamus of the male rat. Neuroscience, 2002, 112, 475-485.	1.1	18
158	Regulation by Gonadal Steroids of the mRNA Encoding for a Type I Receptor for TGF-Î² in the Female Rat Hypothalamus. Neuroendocrinology, 2002, 76, 1-7.	1.2	9
159	Glial-Neuronal-Endothelial Interactions are Involved in the Control of GnRH Secretion. Journal of Neuroendocrinology, 2002, 14, 247-255.	1.2	132
160	Regulation of puberty. Current Opinion in Endocrinology, Diabetes and Obesity, 2001, 8, 154-160.	0.6	21
161	Evidence for Expression of Galanin Receptor Gal-R1â€ƒmRNA in Certain Gonadotropin Releasing Hormone Neurones of the Rostral Preoptic Area. Journal of Neuroendocrinology, 2001, 11, 805-812.	1.2	48
162	Evidence That Members of the TGFÎ² Superfamily Play a Role in Regulation of the GnRH Neuroendocrine Axis: Expression of a Type I Serine-Threonine Kinase Receptor for TGRÎ² and Activin in GnRH Neurones and Hypothalamic Areas of the Female Rat. Journal of Neuroendocrinology, 2001, 12, 665-670.	1.2	52

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163	Vascular pulsations stimulating nitric oxide release during cyclic exercise may benefit health: A molecular approach (Review). International Journal of Molecular Medicine, 2001, 7, 119-29.	1.8	22
164	Evidence for a Spontaneous Nitric Oxide Release from the Rat Median Eminence: Influence on Gonadotropin-Releasing Hormone Release*. Endocrinology, 2001, 142, 2343-2350.	1.4	47
165	Evidence that TGFÎ² May Directly Modulate POMC mRNA Expression in the Female Rat Arcuate Nucleus. Endocrinology, 2001, 142, 4055-4065.	1.4	17
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