ValÃ©rie Simonneaux

List of Publications by Year
in descending order

92 papers	4,614 citations	109321 35 h-index	106344 65 g-index
96 all docs	96 docs citations	96 times ranked	2970 citing authors

#	Article	IF	Citations
1	Age-dependent change of RFRP-3 neuron numbers and innervation in female mice. Neuropeptides, 2022, 92, 102224.	2.2	2
2	<scp>GnRH</scp>and the photoperiodic control of seasonal reproduction: Delegating the task to kisspeptin and<scp>RFRP</scp>â€3. Journal of Neuroendocrinology, 2022, 34, e13124.	2.6	13
3	Environmental disruption of reproductive rhythms. Frontiers in Neuroendocrinology, 2022, 66, 100990.	5.2	14
4	A refined method to monitor arousal from hibernation in the European hamster. BMC Veterinary Research, 2021, 17, 14.	1.9	1
5	Daily and Estral Regulation of RFRP-3 Neurons in the Female Mice. Journal of Circadian Rhythms, 2021, 19, 4.	1.3	8
6	Identification of an <i>N</i>-acylated-^DArg-Leu-NH₂ Dipeptide as a Highly Selective Neuropeptide FF1 Receptor Antagonist That Potently Prevents Opioid-Induced Hyperalgesia. Journal of Medicinal Chemistry, 2021, 64, 7555-7564.	6.4	4
7	Role of central kisspeptin and RFRPâ€3 in energy metabolism in the male Wistar rat. Journal of Neuroendocrinology, 2021, 33, e12973.	2.6	11
8	A Kiss to drive rhythms in reproduction. European Journal of Neuroscience, 2020, 51, 509-530.	2.6	50
9	Individual evaluation of luteinizing hormone in aged C57BL/6ÂJ female mice. GeroScience, 2020, 42, 323-331.	4.6	8
10	The dromedary camel displays annual variation in hypothalamic kisspeptin and Argâ€"Pheâ€amideâ€related peptideâ€3 according to sex, season, and breeding activity. Journal of Comparative Neurology, 2020, 528, 36-51.	1.6	5
11	Thyroid hormone receptors are required for the melatoninâ€dependent control of <i>Rfrp</i> gene expression in mice. FASEB Journal, 2020, 34, 12072-12082.	0.5	11
12	RFRP3 increases food intake in a sexâ€dependent manner in the seasonal hamster Phodopus sungorus. Journal of Neuroendocrinology, 2020, 32, e12845.	2.6	5
13	Impact of Circadian Disruption on Female Mice Reproductive Function. Endocrinology, 2020, 161, .	2.8	17
14	Photoperiodic regulation in a wild-derived mouse strain. Journal of Experimental Biology, 2020, 223, .	1.7	8
15	Functional Implications of RFRP-3 in the Central Control of Daily and Seasonal Rhythms in Reproduction. Frontiers in Endocrinology, 2019, 10, 183.	3.5	39
16	Kisspeptin and <scp>RFRP</scp>3 modulate body mass in <i>Phodopus sungorus</i> via two different neuroendocrine pathways. Journal of Neuroendocrinology, 2019, 31, e12710.	2.6	17
17	Melatonin-independent Photoperiodic Entrainment of the Circannual TSH Rhythm in the Pars Tuberalis of the European Hamster. Journal of Biological Rhythms, 2018, 33, 302-317.	2.6	22
18	Neuroendocrine pathways driving daily rhythms in the hypothalamic pituitary gonadal axis of female rodents. Current Opinion in Physiology, 2018, 5, 99-108.	1.8	9

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19	Hamster Melatonin Receptors: Cloning and Binding Characterization of MT1 and Attempt to Clone MT2. International Journal of Molecular Sciences, 2018, 19, 1957.	4.1	8
20	Gene expression profiling during hibernation in the European hamster. Scientific Reports, 2018, 8, 13167.	3.3	30
21	miR-132/212 Modulates Seasonal Adaptation and Dendritic Morphology of the Central Circadian Clock. Cell Reports, 2017, 19, 505-520.	6.4	45
22	RF313, an orally bioavailable neuropeptide FF receptor antagonist, opposes effects of RF-amide-related peptide-3 and opioid-induced hyperalgesia in rodents. Neuropharmacology, 2017, 118, 188-198.	4.1	18
23	Maternal photoperiod programs hypothalamic thyroid status via the fetal pituitary gland. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8408-8413.	7.1	46
24	Daily rhythms count for female fertility. Best Practice and Research in Clinical Endocrinology and Metabolism, 2017, 31, 505-519.	4.7	23
25	Downregulation of Deiodinase 3 is the earliest event in photoperiodic and photorefractory activation of the gonadotropic axis in seasonal hamsters. Scientific Reports, 2017, 7, 17739.	3.3	23
26	RFRP Neurons â€" The Doorway to Understanding Seasonal Reproduction in Mammals. Frontiers in Endocrinology, 2016, 7, 36.	3.5	33
27	The role of kisspeptin and RFRP in the circadian control of female reproduction. Molecular and Cellular Endocrinology, 2016, 438, 89-99.	3.2	14
28	Roles of RFRP-3 in the daily and seasonal regulation of reproductive activity in female Syrian hamsters. Endocrinology, 2016, 158, en.2016-1689.	2.8	31
29	Development of Dipeptidic <i>h</i>GPR54 Agonists. ChemMedChem, 2016, 11, 2147-2154.	3.2	6
30	Kisspeptin and RFRP-3 differentially regulate food intake and metabolic neuropeptides in the female desert jerboa. Scientific Reports, 2016, 6, 36057.	3.3	40
31	Sex differences in the photoperiodic regulation of RFâ€Amide related peptide (RFRP) and its receptor GPR147 in the syrian hamster. Journal of Comparative Neurology, 2016, 524, 1825-1838.	1.6	31
32	Coordinated seasonal regulation of metabolic and reproductive hypothalamic peptides in the desert jerboa. Journal of Comparative Neurology, 2016, 524, 3717-3728.	1.6	19
33	A Multi-Oscillatory Circadian System Times Female Reproduction. Frontiers in Endocrinology, 2015, 6, 157.	3.5	43
34	Evidence for a Putative Circadian Kiss-Clock in the Hypothalamic AVPV in Female Mice. Endocrinology, 2015, 156, 2999-3011.	2.8	43
35	Seasonal Regulation of Reproduction in Mammals. , 2015, , 1575-1604.		33
36	A Circannual Clock Drives Expression of Genes Central for Seasonal Reproduction. Current Biology, 2014, 24, 1500-1506.	3.9	109

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37	Comparative analysis of kisspeptin-immunoreactivity reveals genuine differences in the hypothalamic Kiss1 systems between rats and mice. Peptides, 2013, 45, 85-90.	2.4	43
38	Kisspeptins and RFRP-3 Act in Concert to Synchronize Rodent Reproduction with Seasons. Frontiers in Neuroscience, 2013, 7, 22.	2.8	74
39	TSH restores a summer phenotype in photoinhibited mammals <i>via</i> the RFâ€amides RFRP3 and kisspeptin. FASEB Journal, 2013, 27, 2677-2686.	0.5	91
40	RFRP neurons are critical gatekeepers for the photoperiodic control of reproduction. Frontiers in Endocrinology, 2012, 3, 168.	3.5	13
41	Stimulatory Effect of RFRP-3 on the Gonadotrophic Axis in the Male Syrian Hamster: The Exception Proves the Rule. Endocrinology, 2012, 153, 1352-1363.	2.8	165
42	A kiss for daily and seasonal reproduction. Progress in Brain Research, 2012, 199, 423-437.	1.4	21
43	The Daily Melatonin Pattern in Djungarian Hamsters Depends on the Circadian Phenotype. Chronobiology International, 2011, 28, 873-882.	2.0	8
44	Melatonin Controls Photoperiodic Changes in Tanycyte Vimentin and Neural Cell Adhesion Molecule Expression in the Djungarian Hamster (Phodopus sungorus). Endocrinology, 2011, 152, 3871-3883.	2.8	46
45	Naughty Melatonin: How Mothers Tick Off their Fetus. Endocrinology, 2011, 152, 1734-1738.	2.8	17
46	A Noradrenergic Sensitive Endogenous Clock Is Present in the Rat Pineal Gland. Neuroendocrinology, 2011, 94, 75-83.	2.5	17
47	Maturation of kisspeptinergic neurons coincides with puberty onset in male rats. Peptides, 2010, 31, 275-283.	2.4	55
48	Endogenous rhythmicity of <i>Bmal1</i> and <i>Revâ€erb</i>Î± in the hamster pineal gland is not driven by norepinephrine. European Journal of Neuroscience, 2009, 29, 2009-2016.	2.6	17
49	Comparison of the effects of peripherally administered kisspeptins. Regulatory Peptides, 2009, 152, 95-100.	1.9	64
50	Kisspeptin and the seasonal control of reproduction in hamsters. Peptides, 2009, 30, 146-153.	2.4	90
51	The neuroanatomy of the kisspeptin system in the mammalian brain. Peptides, 2009, 30, 26-33.	2.4	122
52	Melatonin Controls Seasonal Breeding by a Network of Hypothalamic Targets. Neuroendocrinology, 2009, 90, 1-14.	2.5	82
53	RFamide-Related Peptide Gene Is a Melatonin-Driven Photoperiodic Gene. Endocrinology, 2008, 149, 902-912.	2.8	181
54	Tryptophan hydroxylase is modulated by L-type calcium channels in the rat pineal gland. Life Sciences, 2008, 82, 529-535.	4.3	28

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55	DailyAaâ€natGene Expression in the Camel (Camelus dromedarius) Pineal Gland. Chronobiology International, 2008, 25, 800-807.	2.0	10
56	The circadian clock stops ticking during deep hibernation in the European hamster. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13816-13820.	7.1	121
57	Seasonal variations of clock gene expression in the suprachiasmatic nuclei and pars tuberalis of the European hamster (Cricetusâ€ƒcricetus). European Journal of Neuroscience, 2007, 25, 1529-1536.	2.6	36
58	Kisspeptin: A key link to seasonal breeding. Reviews in Endocrine and Metabolic Disorders, 2007, 8, 57-65.	5.7	113
59	KiSSâ€1: A Likely Candidate for the Photoperiodic Control of Reproduction in Seasonal Breeders. Chronobiology International, 2006, 23, 277-287.	2.0	25
60	The localisation of kisspeptin in the rodent brain. Frontiers in Neuroendocrinology, 2006, 27, 63-64.	5.2	2
61	Kisspeptin Mediates the Photoperiodic Control of Reproduction in Hamsters. Current Biology, 2006, 16, 1730-1735.	3.9	235
62	Differential Expression of Activator Protein-1 Proteins in the Pineal Gland of Syrian Hamster and Rat May Explain Species Diversity in Arylalkylamine N-Acetyltransferase Gene Expression. Endocrinology, 2006, 147, 5052-5060.	2.8	12
63	Melatonin Regulates Type 2 Deiodinase Gene Expression in the Syrian Hamster. Endocrinology, 2006, 147, 4680-4687.	2.8	121
64	Rat And Syrian Hamster: Two Models for The Regulation ofAANATGene Expression. Chronobiology International, 2006, 23, 351-359.	2.0	25
65	Pineal melatonin synthesis and release are not altered throughout the estrous cycle in female rats. Journal of Pineal Research, 2003, 34, 53-59.	7.4	10
66	Suprachiasmatic control of melatonin synthesis in rats: inhibitory and stimulatory mechanisms. European Journal of Neuroscience, 2003, 17, 221-228.	2.6	163
67	Expression and regulation of Icer mRNA in the Syrian hamster pineal gland. Molecular Brain Research, 2003, 112, 163-169.	2.3	11
68	Generation of the Melatonin Endocrine Message in Mammals: A Review of the Complex Regulation of Melatonin Synthesis by Norepinephrine, Peptides, and Other Pineal Transmitters. Pharmacological Reviews, 2003, 55, 325-395.	16.0	576
69	Transcription Factors May FrameAa-natGene Expression and Melatonin Synthesis at Night in the Syrian Hamster Pineal Gland. Endocrinology, 2003, 144, 2461-2472.	2.8	20
70	Mechanisms regulating the marked seasonal variation in melatonin synthesis in the European hamster pineal gland. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R1043-R1052.	1.8	30
71	Hydroxyindole-O-methyltransferase, a Season-coding Enzyme for Melatonin Synthesis in the Pineal Gland of Rodents. Biological Rhythm Research, 2002, 33, 401-416.	0.9	1
72	Pinealarylalkylamine N-acetyltransferasegene expression is highly stimulated at night in the diurnal rodent,Arvicanthis ansorgei. European Journal of Neuroscience, 2002, 15, 1632-1640.	2.6	28

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73	Hypocretin (orexin) in the rat pineal gland: a central transmitter with effects on noradrenaline-induced release of melatonin. European Journal of Neuroscience, 2001, 14, 419-425.	2.6	45
74	Melatonin sees the light: blocking GABA-ergic transmission in the paraventricular nucleus induces daytime secretion of melatonin. European Journal of Neuroscience, 2000, 12, 3146-3154.	2.6	150
75	Long-term daily melatonin infusion induces a large increase in N -acetyltransferase activity, hydroxyindole-O -methyltransferase activity, and melatonin content in the Harderian gland and eye of pinealectomized male Siberian hamsters (Phodopus sungorus). Journal of Pineal Research, 2000, 29, 65-73.	7.4	14
76	HIOMT drives the photoperiodic changes in the amplitude of the melatonin peak of the Siberian hamster. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 278, R1339-R1345.	1.8	69
77	Photoneural Regulation of Rat Pineal Hydroxyindole-<i>O</i>-Methyltransferase (HIOMT) Messenger Ribonucleic Acid Expression: An Analysis of Its Complex Relationship with HIOMT Activity¹. Endocrinology, 1999, 140, 1375-1384.	2.8	44
78	Photoperiodic Control of the Rat Pineal Arylalkylamine-N-Acetyltransferase and Hydroxyindole-O-Methyltransferase Gene Expression and Its Effect on Melatonin Synthesis. Journal of Biological Rhythms, 1999, 14, 105-115.	2.6	39
79	Molecular cloning of the arylalkylamine-N-acetyltransferase and daily variations of its mRNA expression in the Syrian hamster pineal gland. Molecular Brain Research, 1999, 71, 87-95.	2.3	31
80	Photoneural Regulation of Rat Pineal Hydroxyindole-O-Methyltransferase (HIOMT) Messenger Ribonucleic Acid Expression: An Analysis of Its Complex Relationship with HIOMT Activity. Endocrinology, 1999, 140, 1375-1384.	2.8	21
81	Evidence for melatonin synthesis in rodent Harderian gland: A dynamic in vitro study. Journal of Pineal Research, 1998, 25, 54-64.	7.4	54
82	Possible involvement of neuropeptide Y in the seasonal control of hydroxyindole-O-methyltransferase activity in the pineal gland of the European hamster (Cricetus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	18
83	Ontogenesis of hydroxyindole-O-methyltransferase gene expression and activity in the rat pineal gland. Developmental Brain Research, 1998, 110, 235-239.	1.7	26
84	Distribution of hydroxyindole-O-methyltransferase mRNA in the rat brain: an in situ hybridisation study. Cell and Tissue Research, 1998, 291, 415-421.	2.9	17
85	The role of the intracellular and extracellular serotonin in the regulation of melatonin production in rat pinealocytes. Journal of Pineal Research, 1997, 23, 63-71.	7.4	35
86	Adrenergic and peptidergic regulations of hydroxyindole-O-methyltransferase activity in rat pineal gland. Brain Research, 1997, 777, 247-250.	2.2	49
87	Secretoneurin: a new neuropeptide in the rodent pineal gland. Cell and Tissue Research, 1997, 288, 427-434.	2.9	11
88	Peptidergic Modulation of Serotonin Release from Cultured Rat Pinealocytes. Journal of Neuroendocrinology, 1997, 9, 537-543.	2.6	8
89	Vasopressin potentiation of the melatonin synthetic pathway via specific V1a receptors in the rat pineal gland. Regulatory Peptides, 1996, 61, 63-69.	1.9	12
90	Nycthemeral expression of tryptophan hydroxylase mRNAs in the rat pineal gland. Molecular Brain Research, 1996, 40, 136-138.	2.3	11

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91	Presynaptic and Postsynaptic Effects of Neuropeptide Y in the Rat Pineal Gland. Journal of Neurochemistry, 1994, 62, 2464-2471.	3.9	49
92	Adrenergic signals direct rhythmic expression of transcriptional represser CREM in the pineal gland. Nature, 1993, 365, 314-320.	27.8	397