Hugues Dardente

List of Publications by Year
in descending order

66 papers	4,646 citations	109264 35 h-index	98753 67 g-index
69 all docs	69 docs citations	69 times ranked	4192 citing authors

#	Article	IF	Citations
1	Differential Control of Bmal1 Circadian Transcription by REV-ERB and ROR Nuclear Receptors. Journal of Biological Rhythms, 2005, 20, 391-403.	1.4	572
2	Ancestral TSH Mechanism Signals Summer in a Photoperiodic Mammal. Current Biology, 2008, 18, 1147-1152.	1.8	342
3	Molecular Circadian Rhythms in Central and Peripheral Clocks in Mammals. Chronobiology International, 2007, 24, 195-213.	0.9	259
4	A Molecular Switch for Photoperiod Responsiveness in Mammals. Current Biology, 2010, 20, 2193-2198.	1.8	235
5	The nuclear receptor REVâ€ERBÎ± is required for the daily balance of carbohydrate and lipid metabolism. FASEB Journal, 2012, 26, 3321-3335.	0.2	198
6	Feeding Cues Alter Clock Gene Oscillations and Photic Responses in the Suprachiasmatic Nuclei of Mice Exposed to a Light/Dark Cycle. Journal of Neuroscience, 2005, 25, 1514-1522.	1.7	187
7	Circadian Variation of the Response of T Cells to Antigen. Journal of Immunology, 2011, 187, 6291-6300.	0.4	151
8	Thyroid Hormone and Seasonal Rhythmicity. Frontiers in Endocrinology, 2014, 5, 19.	1.5	143
9	RFamideâ€Related Peptide and its Cognate Receptor in the Sheep: cDNA Cloning, mRNA Distribution in the Hypothalamus and the Effect of Photoperiod. Journal of Neuroendocrinology, 2008, 20, 1252-1259.	1.2	132
10	Daily and circadian expression of neuropeptides in the suprachiasmatic nuclei of nocturnal and diurnal rodents. Molecular Brain Research, 2004, 124, 143-151.	2.5	123
11	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.	3.3	121
12	The mt1 Melatonin Receptor and RORÎ² Receptor Are Co-localized in Specific TSH-immunoreactive Cells in the Pars Tuberalis of the Rat Pituitary. Journal of Histochemistry and Cytochemistry, 2002, 50, 1647-1657.	1.3	114
13	Melatoninâ€Dependent Timing of Seasonal Reproduction by the Pars Tuberalis: Pivotal Roles for Long Daylengths and Thyroid Hormones. Journal of Neuroendocrinology, 2012, 24, 249-266.	1.2	106
14	Melatonin induces Cry1 expression in the pars tuberalis of the rat. Molecular Brain Research, 2003, 114, 101-106.	2.5	104
15	Tissue-specific expression of tryptophan hydroxylase mRNAs in the rat midbrain: anatomical evidence and daily profiles. European Journal of Neuroscience, 2005, 22, 895-901.	1.2	98
16	MT1 Melatonin Receptor mRNA Expressing Cells in the Pars Tuberalis of the European Hamster: Effect of Photoperiod. Journal of Neuroendocrinology, 2003, 15, 778-786.	1.2	94
17	Photoperiod differentially regulates clock genesâ€™ expression in the suprachiasmatic nucleus of Syrian hamster. Neuroscience, 2003, 118, 317-322.	1.1	94
18	Cryptochromes impair phosphorylation of transcriptional activators in the clock: a general mechanism for circadian repression. Biochemical Journal, 2007, 402, 525-536.	1.7	87

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19	Contrary to other non-photic cues, acute melatonin injection does not induce immediate changes of clock gene mrna expression in the rat suprachiasmatic nuclei. Neuroscience, 2003, 120, 745-755.	1.1	86
20	Per and neuropeptide expression in the rat suprachiasmatic nuclei: compartmentalization and differential cellular induction by light. Brain Research, 2002, 958, 261-271.	1.1	82
21	An integrative view of mammalian seasonal neuroendocrinology. Journal of Neuroendocrinology, 2019, 31, e12729.	1.2	78
22	Effect of Photoperiod on the Thyroidâ€Stimulating Hormone Neuroendocrine System in the European Hamster (Cricetus cricetus). Journal of Neuroendocrinology, 2010, 22, 51-55.	1.2	64
23	Circannual Variation in Thyroid Hormone Deiodinases in a Shortâ€Day Breeder. Journal of Neuroendocrinology, 2013, 25, 412-421.	1.2	64
24	Neurogenetics of food anticipation. European Journal of Neuroscience, 2009, 30, 1676-1687.	1.2	57
25	Does a Melatonin-Dependent Circadian Oscillator in the Pars Tuberalis Drive Prolactin Seasonal Rhythmicity?. Journal of Neuroendocrinology, 2007, 19, 657-666.	1.2	56
26	Analysis of core circadian feedback loop in suprachiasmatic nucleus of mCry1-luc transgenic reporter mouse. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9547-9552.	3.3	56
27	Cellular mechanisms and integrative timing of neuroendocrine control of GnRH secretion by kisspeptin. Molecular and Cellular Endocrinology, 2014, 382, 387-399.	1.6	53
28	A synthetic kisspeptin analog that triggers ovulation and advances puberty. Scientific Reports, 2016, 6, 26908.	1.6	53
29	The impact of thyroid hormone in seasonal breeding has a restricted transcriptional signature. Cellular and Molecular Life Sciences, 2018, 75, 905-919.	2.4	51
30	Functional Divergence of Type 2 Deiodinase Paralogs in the Atlantic Salmon. Current Biology, 2015, 25, 936-941.	1.8	48
31	Implication of the F-Box Protein FBXL21 in Circadian Pacemaker Function in Mammals. PLoS ONE, 2008, 3, e3530.	1.1	47
32	Seasonal breeding in mammals: From basic science to applications and back. Theriogenology, 2016, 86, 324-332.	0.9	46
33	Phenotype of Per1- and Per2- expressing neurons in the suprachiasmatic nucleus of a diurnal rodent () Tj ETQq1 1 0.784314 rgBT /Ov 310, 85-92.	1.5	42
34	Strong pituitary and hypothalamic responses to photoperiod but not to 6-methoxy-2-benzoxazolinone in female common voles (Microtus arvalis). General and Comparative Endocrinology, 2012, 179, 289-295.	0.8	40
35	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.	1.2	36
36	Photoperiodic Variation in CD45-Positive Cells and Cell Proliferation in the Mediobasal Hypothalamus of the Soay Sheep. Chronobiology International, 2013, 30, 548-558.	0.9	36

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37	Rational Design of Triazololipopeptides Analogs of Kisspeptin Inducing a Long-Lasting Increase of Gonadotropins. Journal of Medicinal Chemistry, 2015, 58, 3459-3470.	2.9	34
38	Clockâ€dependent and independent transcriptional control of the two isoforms from the mouse Rorî³gene. Genes To Cells, 2008, 13, 1197-1210.	0.5	31
39	Cry1 Circadian Phase in vitro: Wrapped Up with an E-Box. Journal of Biological Rhythms, 2009, 24, 16-24.	1.4	31
40	Egr1 involvement in evening gene regulation by melatonin. FASEB Journal, 2009, 23, 764-773.	0.2	31
41	Dark pulse resetting of the suprachiasmatic clock in Syrian hamsters: behavioral phase-shifts and clock gene expression. Neuroscience, 2004, 127, 529-537.	1.1	30
42	Seasonal Timing: How Does a Hibernator Know When to Stop Hibernating?. Current Biology, 2014, 24, R602-R605.	1.8	30
43	Timed hypocaloric feeding and melatonin synchronize the suprachiasmatic clockwork in rats, but with opposite timing of behavioral output. European Journal of Neuroscience, 2005, 22, 921-929.	1.2	25
44	Acute Injection and Chronic Perfusion of Kisspeptin Elicit Gonadotropins Release but Fail to Trigger Ovulation in the Mare1. Biology of Reproduction, 2014, 90, 36.	1.2	24
45	Transcriptional feedback loops in the ovine circadian clock. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, 391-398.	0.8	20
46	BDNF parabrachio-amygdaloid pathway in morphine-induced analgesia. International Journal of Neuropsychopharmacology, 2013, 16, 1649-1660.	1.0	20
47	Evidence for RGS4 Modulation of Melatonin and Thyrotrophin Signalling Pathways in the Pars Tuberalis. Journal of Neuroendocrinology, 2011, 23, 725-732.	1.2	17
48	Discontinuity in the molecular neuroendocrine response to increasing daylengths in Ileâ€deâ€France ewes: Is transient Dio2 induction a key feature of circannual timing?. Journal of Neuroendocrinology, 2019, 31, e12775.	1.2	17
49	Neuroendocrine correlates of the critical day length response in the Soay sheep. Journal of Neuroendocrinology, 2018, 30, e12631.	1.2	16
50	Circuit-level analysis identifies target genes of sex steroids in ewe seasonal breeding. Molecular and Cellular Endocrinology, 2020, 512, 110825.	1.6	16
51	Expression of Tgfî± in the suprachiasmatic nuclei of nocturnal and diurnal rodents. Neuroscience, 2007, 145, 1138-1143.	1.1	14
52	<scp>GnRH</scp>and the photoperiodic control of seasonal reproduction: Delegating the task to kisspeptin and<scp>RFRP</scp>â€?. Journal of Neuroendocrinology, 2022, 34, e13124.	1.2	13
53	Photoperiod and thyroid hormone regulate expression of <scp>l</scp>â€dopachrome tautomerase (Dct), a melanocyte stemâ€cell marker, in tanycytes of the ovine hypothalamus. Journal of Neuroendocrinology, 2018, 30, e12640.	1.2	12
54	Expression and regulation of Icer mRNA in the Syrian hamster pineal gland. Molecular Brain Research, 2003, 112, 163-169.	2.5	11

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55	Photoperiodic induction without light-mediated circadian entrainment in a high arctic resident bird. Journal of Experimental Biology, 2020, 223, .	0.8	10
56	Anti-angiogenic VEGFAxxxb transcripts are not expressed in the medio-basal hypothalamus of the seasonal sheep. PLoS ONE, 2018, 13, e0197123.	1.1	9
57	Thyroid hormone and hypothalamic stem cells in seasonal functions. Vitamins and Hormones, 2021, 116, 91-131.	0.7	9
58	Circannual Biology: The Double Life of the Seasonal Thyrotroph. Current Biology, 2015, 25, R988-R991.	1.8	8
59	Effects of Photoperiod Extension on Clock Gene and Neuropeptide RNA Expression in the SCN of the Soay Sheep. PLoS ONE, 2016, 11, e0159201.	1.1	8
60	Field study reveals morphological and neuroendocrine correlates of seasonal breeding in female water voles, Arvicola terrestris. General and Comparative Endocrinology, 2021, 311, 113853.	0.8	8
61	The C-terminal Domain of piggyBac Transposase Is Not Required for DNA Transposition. Journal of Molecular Biology, 2021, 433, 166805.	2.0	7
62	No evidence that Spexin impacts LH release and seasonal breeding in the ewe. Theriogenology, 2020, 158, 1-7.	0.9	5
63	Debunking the Myth of the Endogenous Antiangiogenic Vegfaxxxb Transcripts. Trends in Endocrinology and Metabolism, 2020, 31, 398-409.	3.1	5
64	The piggyBac-derived protein 5 (PGBD5) transposes both the closely and the distantly related piggyBac-like elements Tcr-pble and Ifp2. Journal of Molecular Biology, 2021, 433, 166839.	2.0	5
65	Photoperiod is involved in the regulation of seasonal breeding in male water voles (Arvicola) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	5
66	Brain mapping of the gonadotropinâ€inhibitory hormoneâ€related peptide 2 with a novel antibody suggests a connection with emotional reactivity in the Japanese quail (Coturnix japonica,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.9	2