Bert De Groef

List of Publications by Citations

57 papers	1,192 citations	20 h-index	33 g-index
58 ext. papers	1,364 ext. citations	3.3 avg, IF	4.23 L-index

#	Paper	IF	Citations
57	Role of corticotropin-releasing hormone as a thyrotropin-releasing factor in non-mammalian vertebrates. *General and Comparative Endocrinology*, **2006**, 146, 62-8	3	154
56	Perchlorate versus other environmental sodium/iodide symporter inhibitors: potential thyroid-related health effects. *European Journal of Endocrinology*, **2006**, 155, 17-25	6.5	135
55	Presence of Selected Methanogens, Fibrolytic Bacteria, and Proteobacteria in the Gastrointestinal Tract of Neonatal Dairy Calves from Birth to 72 Hours. *PLoS ONE*, **2015**, 10, e0133048	3.7	75
54	Corticotropin-releasing hormone (CRH)-induced thyrotropin release is directly mediated through CRH receptor type 2 on thyrotropes. *Endocrinology*, **2003**, 144, 5537-44	4.8	54
53	Involvement of the corticotropin-releasing factor (CRF) type 2 receptor in CRF-induced thyrotropin release by the amphibian pituitary gland. *General and Comparative Endocrinology*, **2007**, 150, 437-44	3	46
52	Emerging role of PLAG1 as a regulator of growth and reproduction. *Journal of Endocrinology*, **2016**, 228, R45-56	4.7	44
51	The chicken embryo as a model for developmental endocrinology: development of the thyrotropic, corticotropic, and somatotropic axes. *Molecular and Cellular Endocrinology*, **2008**, 293, 17-24	4.4	39
50	Thyroid hormone receptors in two model species for vertebrate embryonic development: chicken and zebrafish. *Journal of Thyroid Research*, **2011**, 2011, 402320	2.6	36
49	Hatching the cleidoic egg: the role of thyroid hormones. *Frontiers in Endocrinology*, **2013**, 4, 63	5.7	34
48	Applied personality assessment in domestic dogs: Limitations and caveats. *Applied Animal Behaviour Science*, **2015**, 163, 1-18	2.2	32
47	Corticosterone-induced negative feedback mechanisms within the hypothalamo-pituitary-adrenal axis of the chicken. *Journal of Endocrinology*, **2005**, 185, 383-91	4.7	32
46	Effects of dexamethasone treatment on iodothyronine deiodinase activities and on metamorphosis-related morphological changes in the axolotl (Ambystoma mexicanum). *General and Comparative Endocrinology*, **2002**, 127, 157-64	3	30
45	Involvement of thyrotropin-releasing hormone receptor, somatostatin receptor subtype 2 and corticotropin-releasing hormone receptor type 1 in the control of chicken thyrotropin secretion. *Molecular and Cellular Endocrinology*, **2003**, 203, 33-9	4.4	30
44	Molecular cloning and developmental expression of corticotropin-releasing factor in the chicken. *Endocrinology*, **2005**, 146, 301-8	4.8	30
43	Endocrine archeology: do insects retain ancestrally inherited counterparts of the vertebrate releasing hormones GnRH, GHRH, TRH, and CRF?. *General and Comparative Endocrinology*, **2012**, 177, 18-27	3	26
42	Cloning and tissue distribution of the chicken type 2 corticotropin-releasing hormone receptor. *General and Comparative Endocrinology*, **2004**, 138, 89-95	3	24
41	Hypothalamic control of the thyroidal axis in the chicken: over the boundaries of the classical hormonal axes. *Domestic Animal Endocrinology*, **2005**, 29, 104-10	2.3	22

40	In vitro study of corticotropin-releasing hormone-induced thyrotropin release: ontogeny and inhibition by somatostatin. *General and Comparative Endocrinology*, **2003**, 132, 272-7	3	22
39	Identification of somatostatin receptors controlling growth hormone and thyrotropin secretion in the chicken using receptor subtype-specific agonists. *Journal of Endocrinology*, **2003**, 177, 279-86	4.7	21
38	Corticotropin-releasing hormone-mediated metamorphosis in the neotenic axolotl Ambystoma mexicanum: synergistic involvement of thyroxine and corticoids on brain type II deiodinase. *General and Comparative Endocrinology*, **2005**, 143, 75-81	3	21
37	Low submetamorphic doses of dexamethasone and thyroxine induce complete metamorphosis in the axolotl (Ambystoma mexicanum) when injected together. *General and Comparative Endocrinology*, **2004**, 137, 141-7	3	18
36	A pioneer calf foetus microbiome. *Scientific Reports*, **2020**, 10, 17712	4.9	18
35	Investigating canine personality structure using owner questionnaires measuring pet dog behaviour and personality. *Applied Animal Behaviour Science*, **2016**, 180, 100-106	2.2	18
34	Corticotropin-releasing hormone: Mediator of vertebrate life stage transitions?. *General and Comparative Endocrinology*, **2016**, 228, 60-68	3	17
33	Animal Hoarding in Victoria, Australia: An Exploratory Study. *Anthrozoos*, **2014**, 27, 33-47	2.4	17
32	Increasing plasma thyroxine levels during late embryogenesis and hatching in the chicken are not caused by an increased sensitivity of the thyrotropes to hypothalamic stimulation. *Journal of Endocrinology*, **2006**, 189, 271-8	4.7	17
31	PLAG1 deficiency impairs spermatogenesis and sperm motility in mice. *Scientific Reports*, **2017**, 7, 5317	4.9	16
30	Thyroid hormone receptor beta2 is strongly up-regulated at all levels of the hypothalamo-pituitary-thyroidal axis during late embryogenesis in chicken. *Journal of Endocrinology* , **2008**, 196, 519-28	4.7	16
29	Uptake of milk with and without solid feed during the monogastric phase: Effect on fibrolytic and methanogenic microorganisms in the gastrointestinal tract of calves. *Animal Science Journal*, **2016**, 87, 378-88	1.8	15
28	Molecular cloning, tissue distribution, and ontogenic thyroidal expression of the chicken thyrotropin receptor. *Endocrinology*, **2006**, 147, 3943-51	4.8	15
27	Feedback control of thyrotropin secretion in the chicken: thyroid hormones increase the expression of hypophyseal somatostatin receptor types 2 and 5. *General and Comparative Endocrinology*, **2007**, 152, 178-82	3	14
26	Forever young: Endocrinology of paedomorphosis in the Mexican axolotl (Ambystoma mexicanum). *General and Comparative Endocrinology*, **2018**, 266, 194-201	3	12
25	Ontogenic expression profiles of thyroid-specific genes in embryonic and hatching chicks. *Domestic Animal Endocrinology*, **2011**, 40, 10-8	2.3	11
24	High seroprevalance of Neospora caninum in dogs in Victoria, Australia, compared to 20 years ago. *Parasites and Vectors*, **2017**, 10, 503	4	10
23	Using short-term bioassays to evaluate the endocrine disrupting capacity of the pesticides linuron and fenoxycarb. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 200, 52-58	3.2	9

22	Spatial and temporal expression profiles of urocortin 3 mRNA in the brain of the chicken (Gallus gallus). *Journal of Comparative Neurology*, **2017**, 525, 2583-2591	3.4	7
21	Pleomorphic Adenoma Gene 1 Is Needed For Timely Zygotic Genome Activation and Early Embryo Development. *Scientific Reports*, **2019**, 9, 8411	4.9	6
20	Effect of in ovo injection of corticotropin-releasing hormone on the timing of hatching in broiler chickens. *Poultry Science*, **2017**, 96, 3452-3456	3.9	6
19	Molecular cloning and tissue distribution of Crh and Pomc mRNA in the fat-tailed dunnart (Sminthopsis crassicaudata), an Australian marsupial. *Gene*, **2017**, 627, 26-31	3.8	5
18	Chicken folliculo-stellate cells express thyrotropin receptor mRNA. *Domestic Animal Endocrinology*, **2009**, 37, 236-42	2.3	5
17	PLAG1 expression and target genes in the hypothalamo-pituitary system in male mice. *Molecular and Cellular Endocrinology*, **2018**, 478, 77-83	4.4	4
16	Identification of unique thyrotropin receptor (TSHR) splice variants in the chicken: the chicken TSHR gene revisited. *General and Comparative Endocrinology*, **2008**, 156, 460-3	3	4
15	Interrogating the Grainyhead-like 2 (Grhl2) genomic locus identifies an enhancer element that regulates palatogenesis in mouse. *Developmental Biology*, **2020**, 459, 194-203	3.1	4
14	Comparison of methodologies in determining bone marrow fat percentage under different environmental conditions. *Journal of Veterinary Diagnostic Investigation*, **2017**, 29, 83-90	1.5	3
13	The use of real-time PCR to study the expression of thyroid hormone receptor beta 2 in the developing chicken. *Annals of the New York Academy of Sciences*, **2005**, 1040, 328-31	6.5	3
12	Bone marrow fat analysis as a diagnostic tool to document ante-mortem starvation. *Veterinary Journal*, **2019**, 243, 1-7	2.5	3
11	Thyrotropic activity of corticotropin-releasing hormone in an altricial bird species, the zebra finch (Taeniopygia guttata). *General and Comparative Endocrinology*, **2018**, 258, 99-108	3	3
10	Can bark counter collars and owner surveys help identify factors that relate to nuisance barking? A pilot study. *Journal of Veterinary Behavior: Clinical Applications and Research*, **2015**, 10, 204-209	1.9	2
9	Relationships between serum serotonin, plasma cortisol, and behavioral factors in a mixed-breed, -sex, and -age group of pet dogs. *Journal of Veterinary Behavior: Clinical Applications and Research*, **2020**, 38, 96-102	1.9	2
8	The chicken pituitary-specific transcription factor PIT-1 is involved in the hypothalamic regulation of pituitary hormones. *Acta Veterinaria Hungarica*, **2006**, 54, 455-71	1	2
7	Effect of Pleomorphic Adenoma Gene 1 Deficiency on Selected Behaviours in Adult Mice. *Neuroscience*, **2021**, 455, 30-38	3.9	2
6	Changes of Thyrotropin-Releasing Hormone (Trh) Levels in Brain Regions and Pituitary During Induced Metamorphosis of Ambystoma Mexicanum. *Animal Biology*, **2000**, 50, 343-354		1
5	An idea to explore: Genotyping bull sperm to introduce basic molecular biology techniques in an animal science course. *Biochemistry and Molecular Biology Education*, **2019**, 47, 708-711	1.3	0

4	Deficiency of the transcription factor PLAG1 results in aberrant coiling and morphology of the epididymis. *Asian Journal of Andrology*, **2020**, 22, 342-347	2.8	0
3	Transcriptome analysis of the epididymis from Plag1 deficient mice suggests dysregulation of sperm maturation and extracellular matrix genes. *Developmental Dynamics*, **2020**, 249, 1500-1513	2.9	0
2	Evolutionary origin of the type 2 corticotropin-releasing hormone receptor β splice variant. *Genes To Cells*, **2019**, 24, 318-323	2.3	
1	Transcriptional regulation of the chicken CRHR2 gene by pituitary transcription factors. *General and Comparative Endocrinology*, **2019**, 284, 113263	3	