

# Johannes D Veldhuis

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5495810/johannes-d-veldhuis-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

395  
papers

17,060  
citations

65  
h-index

112  
g-index

400  
ext. papers

18,068  
ext. citations

5.8  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
395	Pathophysiology of the neuroregulation of growth hormone secretion in experimental animals and the human. <i>Endocrine Reviews</i> , <b>1998</b> , 19, 717-97	27.2	827
394	Age and relative adiposity are specific negative determinants of the frequency and amplitude of growth hormone (GH) secretory bursts and the half-life of endogenous GH in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1991</b> , 73, 1081-8	5.6	563
393	Dual defects in pulsatile growth hormone secretion and clearance subserve the hypsomatotropism of obesity in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1991</b> , 72, 51-9	5.6	420
392	The role of falling leptin levels in the neuroendocrine and metabolic adaptation to short-term starvation in healthy men. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 111, 1409-1421	15.9	411
391	Phenotypic effects of leptin replacement on morbid obesity, diabetes mellitus, hypogonadism, and behavior in leptin-deficient adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 4531-6	11.5	390
390	Testosterone deficiency in young men: marked alterations in whole body protein kinetics, strength, and adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 1886-92	5.6	294
389	Endocrine control of body composition in infancy, childhood, and puberty. <i>Endocrine Reviews</i> , <b>2005</b> , 26, 114-46	27.2	293
388	Augmentation of growth hormone secretion during puberty: evidence for a pulse amplitude-modulated phenomenon. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1987</b> , 64, 596-601	5.6	265
387	Thirty-second sampling of plasma growth hormone in man: correlation with sleep stages. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1991</b> , 72, 854-61	5.6	193
386	The role of falling leptin levels in the neuroendocrine and metabolic adaptation to short-term starvation in healthy men. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 111, 1409-21	15.9	188
385	Alterations in the pulsatile properties of circulating growth hormone concentrations during puberty in boys. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1989</b> , 69, 563-70	5.6	186
384	Somatotropic and gonadotropic axes linkages in infancy, childhood, and the puberty-adult transition. <i>Endocrine Reviews</i> , <b>2006</b> , 27, 101-40	27.2	182
383	Estrogen and testosterone, but not a nonaromatizable androgen, direct network integration of the hypothalamo-somatotrope (growth hormone)-insulin-like growth factor I axis in the human: evidence from pubertal pathophysiology and sex-steroid hormone replacement. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 3414-20	5.6	179
382	Motivations and methods for analyzing pulsatile hormone secretion. <i>Endocrine Reviews</i> , <b>2008</b> , 29, 823-64	7.2	176
381	Pulsatile insulin secretion dictates systemic insulin delivery by regulating hepatic insulin extraction in humans. <i>Diabetes</i> , <b>2005</b> , 54, 1649-56	0.9	175
380	Operating characteristics of the male hypothalamo-pituitary-gonadal axis: pulsatile release of testosterone and follicle-stimulating hormone and their temporal coupling with luteinizing hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1987</b> , 65, 929-41	5.6	173
379	Twenty-four-hour rhythms in plasma concentrations of adenohipophyseal hormones are generated by distinct amplitude and/or frequency modulation of underlying pituitary secretory bursts. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 71, 1616-23	5.6	172

378	Synchronicity of frequently sampled thyrotropin (TSH) and leptin concentrations in healthy adults and leptin-deficient subjects: evidence for possible partial TSH regulation by leptin in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 3284-91	5.6	170
377	Reactivation of pituitary hormone release and metabolic improvement by infusion of growth hormone-releasing peptide and thyrotropin-releasing hormone in patients with protracted critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 1311-23	5.6	167
376	Amplitude, but not frequency, modulation of adrenocorticotropin secretory bursts gives rise to the nyctohemeral rhythm of the corticotropic axis in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 71, 452-63	5.6	166
375	Deconvolution analysis of hormone data. <i>Methods in Enzymology</i> , <b>1992</b> , 210, 539-75	1.7	165
374	Sex steroids, growth hormone, insulin-like growth factor-1: neuroendocrine and metabolic regulation in puberty. <i>Hormone Research</i> , <b>1996</b> , 45, 74-80		163
373	Single and combined effects of growth hormone and testosterone administration on measures of body composition, physical performance, mood, sexual function, bone turnover, and muscle gene expression in healthy older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 5649-57	5.6	160
372	Pulsatile insulin secretion: detection, regulation, and role in diabetes. <i>Diabetes</i> , <b>2002</b> , 51 Suppl 1, S245-54	5.9	156
371	Alterations in the pulsatile mode of growth hormone release in men and women with insulin-dependent diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1989</b> , 69, 239-45	5.6	146
370	Impact of acute exercise intensity on pulsatile growth hormone release in men. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 498-504	3.7	137
369	Sex differences in circulating human leptin pulse amplitude: clinical implications. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 4140-7	5.6	136
368	Half-time of endogenous growth hormone (GH) disappearance in normal man after stimulation of GH secretion by GH-releasing hormone and suppression with somatostatin. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1989</b> , 68, 535-41	5.6	131
367	Clinical review 171: The rationale, efficacy and safety of androgen therapy in older men: future research and current practice recommendations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 4789-96	5.6	121
366	Testosterone and oxandrolone, a nonaromatizable androgen, specifically amplify the mass and rate of growth hormone (GH) secreted per burst without altering GH secretory burst duration or frequency or the GH half-life. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 71, 846-54	5.6	117
365	Endocrine function after spontaneous infarction of the human pituitary: report, review, and reappraisal. <i>Endocrine Reviews</i> , <b>1980</b> , 1, 100-7	27.2	114
364	Direct measurement of pulsatile insulin secretion from the portal vein in human subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 4491-9	5.6	113
363	Operating characteristics of the hypothalamo-pituitary-gonadal axis in men: circadian, ultradian, and pulsatile release of prolactin and its temporal coupling with luteinizing hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1988</b> , 67, 116-23	5.6	111
362	Altered neuroregulation of GH secretion in viscerally obese premenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 5509-15	5.6	105
361	The somatotrophic axis in critical illness: effect of continuous growth hormone (GH)-releasing hormone and GH-releasing peptide-2 infusion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 590-9	5.6	104

360	Postprandial suppression of glucagon secretion depends on intact pulsatile insulin secretion: further evidence for the intraislet insulin hypothesis. <i>Diabetes</i> , <b>2006</b> , 55, 1051-6	0.9	104
359	Neurokinin 3 receptor antagonism as a novel treatment for menopausal hot flashes: a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , <b>2017</b> , 389, 1809-1820	4.0	103
358	Physiological profiles of episodic progesterone release during the midluteal phase of the human menstrual cycle: analysis of circadian and ultradian rhythms, discrete pulse properties, and correlations with simultaneous luteinizing hormone release. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1988</b> , 66, 414-21	5.6	102
357	Gender differences in secretory activity of the human somatotrophic (growth hormone) axis. <i>European Journal of Endocrinology</i> , <b>1996</b> , 134, 287-95	6.5	100
356	Increased pulsatile, but not basal, growth hormone secretion rates and plasma insulin-like growth factor I levels during the periovulatory interval in normal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 1662-7	5.6	98
355	Increased hGH production rate after low-dose estrogen therapy in prepubertal girls with Turner's syndrome. <i>Pediatric Research</i> , <b>1990</b> , 28, 626-30	3.2	97
354	The combined administration of GH-releasing peptide-2 (GHRP-2), TRH and GnRH to men with prolonged critical illness evokes superior endocrine and metabolic effects compared to treatment with GHRP-2 alone. <i>Clinical Endocrinology</i> , <b>2002</b> , 56, 655-69	3.4	96
353	Overnight inhibition of insulin secretion restores pulsatility and proinsulin/insulin ratio in type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E520-8	6	93
352	Rapid glucocorticoid receptor-mediated inhibition of hypothalamic-pituitary-adrenal ultradian activity in healthy males. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 6106-15	6.6	87
351	Deconvolution analysis of spontaneous nocturnal growth hormone secretion in prepubertal children with preterminal chronic renal failure and with end-stage renal disease. <i>Pediatric Research</i> , <b>1995</b> , 37, 86-93	3.2	87
350	Effects of gender on exercise-induced growth hormone release. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 1154-62	3.7	85
349	Growth hormone (GH) secretion in patients with an inactivating defect of the GH-releasing hormone (GHRH) receptor is pulsatile: evidence for a role for non-GHRH inputs into the generation of GH pulses. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 2459-64	5.6	84
348	Physiological regulation of the human growth hormone (GH)-insulin-like growth factor type I (IGF-I) axis: predominant impact of age, obesity, gonadal function, and sleep. <i>Sleep</i> , <b>1996</b> , 19, S221-4	1.1	84
347	Maturation of the regulation of growth hormone secretion in young males with hypogonadotropic hypogonadism pharmacologically exposed to progressive increments in serum testosterone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 1210-9	5.6	83
346	Interactive stimulation by luteinizing hormone and insulin of the steroidogenic acute regulatory (StAR) protein and 17alpha-hydroxylase/17,20-lyase (CYP17) genes in porcine theca cells. <i>Endocrinology</i> , <b>2000</b> , 141, 2735-42	4.8	83
345	Sensitivity and specificity of pulse detection using a new deconvolution method. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E538-44	6	80
344	Greater disorderliness of ACTH and cortisol release accompanies pituitary-dependent Cushing's disease. <i>European Journal of Endocrinology</i> , <b>1997</b> , 136, 394-400	6.5	78
343	Exploring the pathophysiology of hypogonadism in men with type 2 diabetes: kisspeptin-10 stimulates serum testosterone and LH secretion in men with type 2 diabetes and mild biochemical hypogonadism. <i>Clinical Endocrinology</i> , <b>2013</b> , 79, 100-4	3.4	77

342	Pulsatile and sexually dimorphic secretion of luteinizing hormone in the human infant on the day of birth. <i>Pediatric Research</i> , <b>1992</b> , 32, 605-7	3.2	75
341	Patients with Cushing's disease secrete adrenocorticotropin and cortisol jointly more asynchronously than healthy subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 688-92 <sup>5,6</sup>	5.6	74
340	In vivo biological validation and biophysical modeling of the sensitivity and positive accuracy of endocrine peak detection. I. The LH pulse signal. <i>Endocrinology</i> , <b>1989</b> , 124, 2541-7	4.8	72
339	Elements in the pathophysiology of diminished growth hormone (GH) secretion in aging humans. <i>Endocrine</i> , <b>1997</b> , 7, 41-8		71
338	Physiological control of pituitary hormone secretory-burst mass, frequency, and waveform: a statistical formulation and analysis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2003</b> , 285, R664-73	3.2	71
337	Dynamics of 24-hour endogenous cortisol secretion and clearance in primary hypothyroidism assessed before and after partial thyroid hormone replacement. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 70, 155-61	5.6	68
336	Increased disorderliness of basal insulin release, attenuated insulin secretory burst mass, and reduced ultradian rhythmicity of insulin secretion in older individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 4088-93	5.6	67
335	Aging and hormones of the hypothalamo-pituitary axis: gonadotropic axis in men and somatotrophic axes in men and women. <i>Ageing Research Reviews</i> , <b>2008</b> , 7, 189-208	12	67
334	Reconstruction of in vivo time-evolving neuroendocrine dose-response properties unveils admixed deterministic and stochastic elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 6740-5	11.5	67
333	Neurokinin B Receptor Antagonism in Women With Polycystic Ovary Syndrome: A Randomized, Placebo-Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 4313-4321	5.6	67
332	Changes in pituitary function with ageing and implications for patient care. <i>Nature Reviews Endocrinology</i> , <b>2013</b> , 9, 205-15	15.2	65
331	Age-dependent and gender-dependent regulation of hypothalamic-adrenocorticotrophic-adrenal axis. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2013</b> , 42, 201-25	5.5	65
330	The aging male hypothalamic-pituitary-gonadal axis: pulsatility and feedback. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 299, 14-22	4.4	65
329	A novel in vivo rabbit model of hypercatabolic critical illness reveals a biphasic neuroendocrine stress response. <i>Endocrinology</i> , <b>2002</b> , 143, 764-74	4.8	65
328	Thyrotropin secretion patterns in health and disease. <i>Endocrine Reviews</i> , <b>2013</b> , 34, 619-57	27.2	64
327	Contemporary aspects of discrete peak-detection algorithms. II. The paradigm of the luteinizing hormone pulse signal in women. <i>Endocrine Reviews</i> , <b>1992</b> , 13, 81-104	27.2	64
326	Physiological properties of the luteinizing hormone pulse signal: impact of intensive and extended venous sampling paradigms on its characterization in healthy men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1986</b> , 62, 881-91	5.6	64
325	Intensified rates of venous sampling unmask the presence of spontaneous, high-frequency pulsations of luteinizing hormone in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1984</b> , 59, 96-102	5.6	64

324	A Stochastic Biomathematical Model of the Male Reproductive Hormone System. <i>SIAM Journal on Applied Mathematics</i> , <b>2000</b> , 61, 934-965	1.8	63
323	Pathophysiology of male hypogonadism associated with endogenous hyperestrogenism. Evidence for dual defects in the gonadal axis. <i>New England Journal of Medicine</i> , <b>1985</b> , 312, 1371-5	59.2	63
322	Prolactin secretion in healthy adults is determined by gender, age and body mass index. <i>PLoS ONE</i> , <b>2012</b> , 7, e31305	3.7	62
321	Troglitazone, an insulin-sensitizing thiazolidinedione, represses combined stimulation by LH and insulin of de novo androgen biosynthesis by thecal cells in vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 1129-33	5.6	62
320	Gender governs the relationship between exercise intensity and growth hormone release in young adults. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 2053-60	3.7	62
319	Intensive venous sampling paradigms disclose high frequency adrenocorticotropin release episodes in normal men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 71, 1276-83	5.6	62
318	Endogenous ACTH concentration-dependent drive of pulsatile cortisol secretion in the human. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 287, E652-61	6	61
317	Insulin-dependent diabetes mellitus and menstrual dysfunction. <i>Annals of Medicine</i> , <b>1994</b> , 26, 331-40	1.5	61
316	Insulin-like growth factor type I increases concentrations of messenger ribonucleic acid encoding cytochrome P450 cholesterol side-chain cleavage enzyme in primary cultures of porcine granulosa cells. <i>Endocrinology</i> , <b>1990</b> , 127, 2481-8	4.8	61
315	Altered endogenous growth hormone secretory kinetics and diurnal GH-binding protein profiles in adults with chronic liver disease. <i>Clinical Endocrinology</i> , <b>1995</b> , 43, 265-75	3.4	60
314	Composite model of time-varying appearance and disappearance of neurohormone pulse signals in blood. <i>Journal of Theoretical Biology</i> , <b>2005</b> , 236, 242-55	2.3	59
313	Analysis of the copulsatility of anterior pituitary hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1991</b> , 73, 569-76	5.6	58
312	Neurophysiological regulation and target-tissue impact of the pulsatile mode of growth hormone secretion in the human. <i>Growth Hormone and IGF Research</i> , <b>2001</b> , 11 Suppl A, S25-37	2	57
311	In humans at least 75% of insulin secretion arises from punctuated insulin secretory bursts. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1997</b> , 273, E908-14	6	56
310	Sustained elevation of pulsatile growth hormone (GH) secretion and insulin-like growth factor I (IGF-I), IGF-binding protein-3 (IGFBP-3), and IGFBP-5 concentrations during 30-day continuous subcutaneous infusion of GH-releasing peptide-2 in older men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 2290-300	5.6	55
309	Hormone pulsatility discrimination via coarse and short time sampling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 277, E948-57	6	55
308	Neuroendocrine alterations in the somatotrophic and lactotrophic axes in uremic men. <i>European Journal of Endocrinology</i> , <b>1994</b> , 131, 489-98	6.5	55
307	An ensemble model of the male gonadal axis: illustrative application in aging men. <i>Endocrinology</i> , <b>2006</b> , 147, 2817-28	4.8	54

306	Alterations in growth and body composition during puberty: III. Influence of maturation, gender, body composition, fat distribution, aerobic fitness, and energy expenditure on nocturnal growth hormone release. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 1440-7	5.6	52
305	A biomathematical model of time-delayed feedback in the human male hypothalamic-pituitary-Leydig cell axis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1998</b> , 275, E157-76	6	52
304	Pulsatile insulin secretion by human pancreatic islets. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 213-21	5.6	51
303	Fasting suppresses pulsatile luteinizing hormone (LH) secretion and enhances orderliness of LH release in young but not older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 1967-75	5.6	50
302	Short-term modulation of the androgen milieu alters pulsatile, but not exercise- or growth hormone (GH)-releasing hormone-stimulated GH secretion in healthy men: impact of gonadal steroid and GH secretory changes on metabolic outcomes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 3710-9	5.6	48
301	Basal, pulsatile, entropic (patterned), and spiky (staccato-like) properties of ACTH secretion: impact of age, gender, and body mass index. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 4045-52	5.6	47
300	Specific Methodological Approaches to Selected Contemporary Issues in Deconvolution Analysis of Pulsatile Neuroendocrine Data. <i>Methods in Neurosciences</i> , <b>1995</b> , 28, 25-92		47
299	The effect of caloric restriction interventions on growth hormone secretion in nonobese men and women. <i>Aging Cell</i> , <b>2010</b> , 9, 32-9	9.9	46
298	Disruption of the young-adult synchrony between luteinizing hormone release and oscillations in follicle-stimulating hormone, prolactin, and nocturnal penile tumescence (NPT) in healthy older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 3498-505	5.6	45
297	Acute androgen receptor blockade increases luteinizing hormone secretory activity in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1988</b> , 67, 1149-55	5.6	45
296	Thyrotropin secretion profiles are not different in men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 3964-7	5.6	44
295	Disappearance of human chorionic gonadotropin and its $\alpha$ and $\beta$ subunits after term pregnancy. <i>Clinical Chemistry</i> , <b>1997</b> , 43, 2155-2163	5.5	44
294	Estradiol supplementation enhances submaximal feed-forward drive of growth hormone (GH) secretion by recombinant human GH-releasing hormone-1,44-amide in a putatively somatostatin-withdrawn milieu. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 5484-9	5.6	44
293	Altered pulsatile gonadotropin signaling in nutritional deficiency in the male. <i>Trends in Endocrinology and Metabolism</i> , <b>1995</b> , 6, 145-59	8.8	44
292	Reduced nocturnal ACTH-driven cortisol secretion during critical illness. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 306, E883-92	6	43
291	Responsiveness of gonadotropin secretion to infusion of an opiate-receptor antagonist in hypogonadotropic individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1982</b> , 55, 649-53	5.6	42
290	Proinflammatory Cytokine Infusion Attenuates LHRH Feedforward on Testosterone Secretion: Modulation by Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 539-49	5.6	41
289	Gender, age, body mass index, and IGF-I individually and jointly determine distinct GH dynamics: analyses in one hundred healthy adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 115-21	5.6	41

288	Exercise-dependent growth hormone release is linked to markers of heightened central adrenergic outflow. <i>Journal of Applied Physiology</i> , <b>2000</b> , 89, 629-35	3.7	41
287	Contrasts in the gonadotropin-releasing hormone dose-response relationships for luteinizing hormone, follicle-stimulating hormone and alpha-subunit release in young versus older men: appraisal with high-specificity immunoradiometric assay and deconvolution analysis. <i>European Journal of Endocrinology</i> , <b>2001</b> , 145, 288-294	6.5	41
286	Analysis of bidirectional pattern synchrony of concentration-secretion pairs: implementation in the human testicular and adrenal axes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 288, R440-6	3.2	40
285	Elevated growth hormone secretory rate in premature infants: deconvolution analysis of pulsatile growth hormone secretion in the neonate. <i>Pediatric Research</i> , <b>1992</b> , 32, 286-90	3.2	39
284	Process irregularity of cortisol and adrenocorticotropin secretion in men with major depressive disorder. <i>Psychoneuroendocrinology</i> , <b>2004</b> , 29, 1129-37	5	38
283	Calcium-sensing by parathyroid glands in secondary hyperparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 2765-72	5.6	38
282	Metabolic clearance of human follicle-stimulating hormone assessed by radioimmunoassay, immunoradiometric assay, and in vitro Sertoli cell bioassay. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1991</b> , 73, 818-23	5.6	38
281	Neuroendocrine consequences of fasting in adult male macaques: effects of recombinant rhesus macaque leptin infusion. <i>Neuroendocrinology</i> , <b>2000</b> , 71, 196-208	5.6	37
280	Neuroendocrine mechanisms mediating awakening of the human gonadotropic axis in puberty. <i>Pediatric Nephrology</i> , <b>1996</b> , 10, 304-17	3.2	37
279	Impact of age, sex and body mass index on cortisol secretion in 143 healthy adults. <i>Endocrine Connections</i> , <b>2017</b> , 6, 500-509	3.5	36
278	Aromatase and 5alpha-reductase inhibition during an exogenous testosterone clamp unveils selective sex steroid modulation of somatostatin and growth hormone secretagogue actions in healthy older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 973-81	5.6	36
277	Graded testosterone infusions distinguish gonadotropin negative-feedback responsiveness in Asian and white men—a Clinical Research Center study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 870-6	5.6	36
276	Disruption of the pulsatile and entropic modes of insulin release during an unvarying glucose stimulus in elderly individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 1938-43	5.6	36
275	Integrating GHS into the Ghrelin System. <i>International Journal of Peptides</i> , <b>2010</b> , 2010,		35
274	Octreotide represses secretory-burst mass and nonpulsatile secretion but does not restore event frequency or orderly GH secretion in acromegaly. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E25-30	6	35
273	Testosterone and estradiol regulate free insulin-like growth factor I (IGF-I), IGF binding protein 1 (IGFBP-1), and dimeric IGF-I/IGFBP-1 concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 2941-7	5.6	35
272	E2 supplementation selectively relieves GHRH autonegative feedback on GH-releasing peptide-2-stimulated GH secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 5904-11	5.6	35
271	Estrogen regulates the gonadotropin-releasing hormone-stimulated secretion of biologically active luteinizing hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1991</b> , 72, 660-8	5.6	35



270	Pathophysiological relationships between the biological and immunological activities of luteinizing hormone. <i>Baillieres Clinical Endocrinology and Metabolism</i> , <b>1987</b> , 1, 153-76		35
269	Older men exhibit reduced efficacy of and heightened potency downregulation by intravenous pulses of recombinant human LH: a study in 92 healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E117-22	6	34
268	Altered morning and nighttime pulsatile corticotropin and cortisol release in polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , <b>1998</b> , 47, 143-8	12.7	34
267	Joint pituitary-hypothalamic and intrahypothalamic autofeedback construct of pulsatile growth hormone secretion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2003</b> , 285, R1240-9	3.2	34
266	Synergy of L-arginine and GHRP-2 stimulation of growth hormone in men and women: modulation by exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R1467-77	3.2	34
265	Coordinate activation of the corticotropic axis by insulin-induced hypoglycemia: simultaneous estimates of beta-endorphin, adrenocorticotropin and cortisol secretion and disappearance in normal men. <i>European Journal of Endocrinology</i> , <b>1993</b> , 128, 521-8	6.5	34
264	Complicating Effects of Highly Correlated Model Variables on Nonlinear Least-Squares Estimates of Unique Parameter Values and Their Statistical Confidence Intervals: Estimating Basal Secretion and Neurohormone Half-Life by Deconvolution Analysis. <i>Methods in Neurosciences</i> , <b>1995</b> , 130-138		34
263	Specific physiological regulation of luteinizing hormone secretory events throughout the human menstrual cycle: new insights into the pulsatile mode of gonadotropin release. <i>Journal of Neuroendocrinology</i> , <b>1990</b> , 2, 845-52	3.8	34
262	Sustained inhibitory actions of a potent antagonist of gonadotropin-releasing hormone in postmenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1987</b> , 64, 1268-74	5.6	34
261	Growth Hormone Dynamics in Healthy Adults Are Related to Age and Sex and Strongly Dependent on Body Mass Index. <i>Neuroendocrinology</i> , <b>2016</b> , 103, 335-44	5.6	33
260	Glucose Tolerance, Glucose Utilization and Insulin Secretion in Ageing. <i>Novartis Foundation Symposium</i> , <b>2008</b> , 222-246		33
259	Deterministic construct of amplifying actions of ghrelin on pulsatile growth hormone secretion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 288, R1649-63	3.2	33
258	A construct of interactive feedback control of the GH axis in the male. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 281, R38-51	3.2	33
257	Sex defines the age dependence of endogenous ACTH-cortisol dose responsiveness. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 297, R515-23	3.2	32
256	Disparate serum free testosterone concentrations and degrees of hypothalamo-pituitary-luteinizing hormone suppression are achieved by continuous versus pulsatile intravenous androgen replacement in men: a clinical experimental model of	5.6	32
255	Putative GH pulse renewal: periventricular somatostatinergic control of an arcuate-nuclear somatostatin and GH-releasing hormone oscillator. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2004</b> , 286, R1030-42	3.2	32
254	Age diminishes the testicular steroidogenic response to repeated intravenous pulses of recombinant human LH during acute GnRH-receptor blockade in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 288, E775-81	6	32
253	Hypothesis testing of the aging male gonadal axis via a biomathematical construct. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 280, R1755-71	3.2	32

252	Neurokinin B Regulates Gonadotropin Secretion, Ovarian Follicle Growth, and the Timing of Ovulation in Healthy Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 95-104	5.6	31
251	Continuous positive airway pressure increases pulsatile growth hormone secretion and circulating insulin-like growth factor-1 in a time-dependent manner in men with obstructive sleep apnea: a randomized sham-controlled study. <i>Sleep</i> , <b>2014</b> , 37, 733-41	1.1	31
250	Effects of continuous versus intermittent exercise, obesity, and gender on growth hormone secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 4711-20	5.6	31
249	Estradiol potentiates ghrelin-stimulated pulsatile growth hormone secretion in postmenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 3559-65	5.6	31
248	Estradiol supplementation modulates growth hormone (GH) secretory-burst waveform and recombinant human insulin-like growth factor-I-enforced suppression of endogenously driven GH release in postmenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 1312-8	5.6	31
247	Testosterone supplementation in healthy older men drives GH and IGF-I secretion without potentiating peptidyl secretagogue efficacy. <i>European Journal of Endocrinology</i> , <b>2005</b> , 153, 577-86	6.5	31
246	Disruption of the hypothalamic luteinizing hormone pulsing mechanism in aging men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 281, R1917-24	3.2	31
245	Persistence of concordant luteinizing hormone (LH), testosterone, and alpha-subunit pulses after LH-releasing hormone antagonist administration in normal men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 70, 1472-8	5.6	31
244	Thyrotropin secretion in mild and severe primary hypothyroidism is distinguished by amplified burst mass and Basal secretion with increased spikiness and approximate entropy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 928-34	5.6	30
243	Aging in healthy men impairs recombinant human luteinizing hormone (LH)-stimulated testosterone secretion monitored under a two-day intravenous pulsatile LH clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 5544-50	5.6	30
242	Short-term aromatase-enzyme blockade unmasks impaired feedback adaptations in luteinizing hormone and testosterone secretion in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 211-8	5.6	30
241	The nature of the gonadotropin-releasing hormone stimulus-luteinizing hormone secretory response of human gonadotrophs in vivo. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1989</b> , 68, 661-70	5.6	30
240	Facilitative actions of the protein kinase-C effector system on hormonally stimulated adenosine 3',5'-cyclic monophosphate production by swine luteal cells. <i>Endocrinology</i> , <b>1989</b> , 125, 2414-20	4.8	30
239	Thyrotropin secretion by thyrotropinomas is characterized by increased pulse frequency, delayed diurnal rhythm, enhanced basal secretion, spikiness, and disorderliness. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 4052-7	5.6	29
238	Estradiol supplementation in postmenopausal women doubles rebound-like release of growth hormone (GH) triggered by sequential infusion and withdrawal of somatostatin: evidence that estrogen facilitates endogenous GH-releasing hormone drive. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 121-7	5.6	29
237	Deconvolution analysis as a hormone pulse-detection algorithm. <i>Methods in Enzymology</i> , <b>2004</b> , 384, 40-54	4.7	29
236	Estrogen supplementation selectively enhances hypothalamo-pituitary sensitivity to ghrelin in postmenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 4020-6	5.6	28
235	Aging attenuates both the regularity and joint synchrony of LH and testosterone secretion in normal men: analyses via a model of graded GnRH receptor blockade. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 290, E34-E41	6	28

234	Age attenuates testosterone secretion driven by amplitude-varying pulses of recombinant human luteinizing hormone during acute gonadotrope inhibition in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 3626-32	5.6	28
233	Cortisol feedback state governs adrenocorticotropin secretory-burst shape, frequency, and mass in a dual-waveform construct: time of day-dependent regulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2003</b> , 285, R950-61	3.2	28
232	Divergent gonadotropin-gonadal dose-responsive coupling in healthy young and aging men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2004</b> , 286, R381-9	3.2	28
231	Unequal autonegative feedback by GH models the sexual dimorphism in GH secretory dynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2002</b> , 282, R753-64	3.2	28
230	Random and Non-Random Coincidence Between Luteinizing Hormone Peaks and Follicle-Stimulating Hormone, Alpha Subunit, Prolactin and Gonadotropin-Releasing Hormone pulsations. <i>Journal of Neuroendocrinology</i> , <b>1989</b> , 1, 185-94	3.8	28
229	Endogenous opiates participate in the regulation of pulsatile luteinizing hormone release in an unopposed estrogen milieu: studies in estrogen-replaced, gonadectomized patients with testicular feminization. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1985</b> , 61, 790-3	5.6	28
228	Role of calcium in the modulation of ornithine decarboxylase activity in isolated pig granulosa cells in vitro. <i>Biochemical Journal</i> , <b>1981</b> , 196, 795-801	3.8	28
227	Deconvolution Analysis of Neuroendocrine Data: Waveform-Specific and Waveform-Independent Methods and Applications. <i>Methods in Neurosciences</i> , <b>1994</b> , 20, 279-325		28
226	Measuring luteinising hormone pulsatility with a robotic aptamer-enabled electrochemical reader. <i>Nature Communications</i> , <b>2019</b> , 10, 852	17.4	28
225	Interactions Between Neurokinin B and Kisspeptin in Mediating Estrogen Feedback in Healthy Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 4628-4636	5.6	27
224	Somatostatin is essential for the sexual dimorphism of GH secretion, corticosteroid-binding globulin production, and corticosterone levels in mice. <i>Endocrinology</i> , <b>2015</b> , 156, 1052-65	4.8	27
223	Growth hormone response to graded exercise intensities is attenuated and the gender difference abolished in older adults. <i>Journal of Applied Physiology</i> , <b>2006</b> , 100, 1623-9	3.7	27
222	Model-projected mechanistic bases for sex differences in growth hormone regulation in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 292, R1577-93	3.2	27
221	Intensive direct cavernous sinus sampling identifies high-frequency, nearly random patterns of FSH secretion in ovariectomized ewes: combined appraisal by RIA and bioassay. <i>Endocrinology</i> , <b>2002</b> , 143, 117-29	4.8	27
220	Investigating the KNDy Hypothesis in Humans by Coadministration of Kisspeptin, Neurokinin B, and Naltrexone in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3429-36	5.6	27
219	Estradiol, but not testosterone, heightens cortisol-mediated negative feedback on pulsatile ACTH secretion and ACTH approximate entropy in unstressed older men and women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 306, R627-35	3.2	26
218	Deconvolution analysis of rapid insulin pulses before and after six weeks of continuous subcutaneous administration of glucagon-like peptide-1 in elderly patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 6251-6	5.6	26
217	Objective assessment of concordance of secretory events in two endocrine time series. <i>European Journal of Endocrinology</i> , <b>1991</b> , 124, 208-18	6.5	26

216	Thyrotropin secretion in healthy subjects is robust and independent of age and gender, and only weakly dependent on body mass index. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 570-8 <sup>5.6</sup>	25
215	Estrogen elevates the peak overnight production rate of acylated ghrelin. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 4440-7	5.6 25
214	Sex-steroid control of the aging somatotrophic axis. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2005</b> , 34, 877-93, viii	5.5 25
213	Dual secretagogue drive of burst-like growth hormone secretion in postmenopausal compared with premenopausal women studied under an experimental estradiol clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 4746-54	5.6 25
212	Human insulin release processes measured by intraportal sampling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 282, E695-702	6 25
211	High-frequency oscillations in circulating amylin concentrations in healthy humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 278, E484-90	6 25
210	Androgen-receptor blockade enhances pulsatile luteinizing hormone production in late pubertal males: evidence for a hypothalamic site of physiologic androgen feedback action. <i>Pediatric Research</i> , <b>1994</b> , 35, 102-6	3.2 25
209	Oestrogens regulate divergent effects of prolactin in the ovary. <i>Nature</i> , <b>1980</b> , 284, 262-4	50.4 25
208	Actions of NPY, and its Y1 and Y2 receptors on pulsatile growth hormone secretion during the fed and fasted state. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 16309-19	6.6 24
207	Differential sex steroid negative feedback regulation of pulsatile follicle-stimulating hormone secretion in healthy older men: deconvolution analysis and steady-state sex-steroid hormone infusions in frequently sampled healthy older individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 83, 1248-54	5.6 24
206	Effects of age on the irregularity of LH and FSH serum concentrations in women and men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1997</b> , 273, E989-95	6 24
205	Probabilistic recovery of neuroendocrine pulsatile, secretary and kinetic structure: An alternating discrete and continuous scheme. <i>Quarterly of Applied Mathematics</i> , <b>2008</b> , 66, 401-421	0.7 24
204	Testosterone blunts feedback inhibition of growth hormone secretion by experimentally elevated insulin-like growth factor-I concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 1613-7	5.6 24
203	Profound amplification of secretary-burst mass and anomalous regularity of ACTH secretary process in patients with Nelson's syndrome compared with Cushing's disease. <i>Clinical Endocrinology</i> , <b>2004</b> , 60, 765-72	3.4 24
202	Glucose ingestion acutely lowers pulsatile LH and basal testosterone secretion in men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E724-30	6 23
201	Pulsatile intravenous infusion of recombinant human luteinizing hormone under acute gonadotropin-releasing hormone receptor blockade reconstitutes testosterone secretion in young men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 4474-9	5.6 23
200	Distinctive inhibitory mechanisms of age and relative visceral adiposity on growth hormone secretion in pre- and postmenopausal women studied under a hypogonadal clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 6006-13	5.6 23
199	Basal, pulsatile, entropic, and 24-hour rhythmic features of secondary hyperprolactinemia due to functional pituitary stalk disconnection mimic tumoral (primary) hyperprolactinemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 1562-7	5.6 23

198	Longitudinal changes in growth hormone secretory process irregularity assessed transpubertally in healthy boys. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E417-24	6	23
197	In vivo biological validation and biophysical modeling of the sensitivity and positive accuracy of endocrine peak detection. II. The follicle-stimulating hormone pulse signal. <i>Endocrinology</i> , <b>1991</b> , 128, 2008-14	4.8	23
196	Mechanisms that subserve estradiol $\beta$ induction of increased prolactin concentrations: evidence of amplitude modulation of spontaneous prolactin secretory bursts. <i>American Journal of Obstetrics and Gynecology</i> , <b>1989</b> , 161, 1149-58	6.4	23
195	Tripartite control of dynamic ACTH-cortisol dose responsiveness by age, body mass index, and gender in 111 healthy adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 2874-81	5.6	22
194	Mechanisms of hypoandrogenemia in healthy aging men. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2005</b> , 34, 935-55, ix	5.5	22
193	Joint recovery of pulsatile and basal hormone secretion by stochastic nonlinear random-effects analysis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 275, R1939-49	3.2	22
192	Diminished and irregular thyrotropin secretion with preserved diurnal rhythm in patients with active acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 1945-50	5.6	21
191	Long-term testosterone supplementation augments overnight growth hormone secretion in healthy older men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 293, E769-75	6	21
190	Disordered adrenocorticotropin secretion in women with major depression. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 1924-8	5.6	21
189	PTH pulsatility but not calcium sensitivity is restored after total parathyroidectomy with heterotopic autotransplantation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2003</b> , 14, 407-14	12.7	21
188	Apparently complete restoration of normal daily adrenocorticotropin, cortisol, growth hormone, and prolactin secretory dynamics in adults with Cushing $\beta$ disease after clinically successful transsphenoidal adenomectomy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 4039-46	5.6	21
187	Systems-Level Analysis of Physiological Regulatory Interactions Controlling Complex Secretory Dynamics of the Growth Hormone Axis: A Dynamical Network Model. <i>Methods in Neurosciences</i> , <b>1995</b> , 270-310		21
186	Pathophysiological features of the pulsatile secretion of biologically active luteinizing hormone in man. <i>The Journal of Steroid Biochemistry</i> , <b>1989</b> , 33, 739-49		21
185	Determinants of dual secretagogue drive of burst-like growth hormone secretion in premenopausal women studied under a selective estradiol clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 1741-51	5.6	20
184	Synergy of L-arginine and growth hormone (GH)-releasing peptide-2 on GH release: influence of gender. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R1455-66	3.2	20
183	Estimation of frequently sampled nocturnal melatonin production in humans by deconvolution analysis: evidence for episodic or ultradian secretion. <i>Journal of Pineal Research</i> , <b>1999</b> , 27, 139-44	10.4	20
182	Variability of pulsatile luteinizing hormone secretion in young male volunteers. <i>European Journal of Endocrinology</i> , <b>1994</b> , 131, 263-72	6.5	20
181	Acute effects of testosterone infusion on the serum luteinizing hormone profile in eumenorrheic and polycystic ovary syndrome adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 3602-10	5.6	19

180	Pituitary and/or peripheral estrogen-receptor alpha regulates follicle-stimulating hormone secretion, whereas central estrogenic pathways direct growth hormone and prolactin secretion in postmenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 951-8	5.6	19
179	Exaggerated 17-hydroxyprogesterone response to intravenous infusions of recombinant human LH in women with polycystic ovary syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E902-8	6	19
178	Sex-steroid modulation of growth hormone (GH) secretory control: three-peptide ensemble regulation under dual feedback restraint by GH and IGF-I. <i>Endocrine</i> , <b>2003</b> , 22, 25-40		19
177	Joint mechanisms of impaired growth-hormone pulse renewal in aging men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 4177-83	5.6	19
176	Age and testosterone feedback jointly control the dose-dependent actions of gonadotropin-releasing hormone in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 302-9	5.6	19
175	Differential orderliness of the GH release process in castrate male and female rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 274, R437-44	3.2	19
174	Pulsatility of Hypothalamo-Pituitary Hormones: A Challenge in Quantification. <i>Physiology</i> , <b>2016</b> , 31, 34-50.8		18
173	Kinetics of removal of intravenous testosterone pulses in normal men. <i>European Journal of Endocrinology</i> , <b>2010</b> , 162, 787-94	6.5	18
172	Comparison of pulsatile luteinizing hormone secretion between prepubertal children and young adults: evidence for a mass/amplitude-dependent difference without gender or day/night contrasts. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 2950-5	5.6	18
171	Ghrelin potentiates growth hormone secretion driven by putative somatostatin withdrawal and resists inhibition by human corticotropin-releasing hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 2441-6	5.6	18
170	Sustained growth hormone (GH) and insulin-like growth factor I responses to prolonged high-dose twice-daily GH-releasing hormone stimulation in middle-aged and older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 6325-30	5.6	18
169	Erosion of endogenous testosterone-driven negative feedback on pulsatile luteinizing hormone secretion in healthy aging men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 5753-61	5.6	18
168	Hypophyseal-portal somatostatin (SRIH) and jugular venous growth hormone secretion in the conscious unrestrained ewe. <i>Neuroendocrinology</i> , <b>2002</b> , 75, 83-91	5.6	18
167	Administration of recombinant human GHRH-1,44-amide for 3 months reduces abdominal visceral fat mass and increases physical performance measures in postmenopausal women. <i>European Journal of Endocrinology</i> , <b>2005</b> , 153, 669-77	6.5	18
166	Model-independent quantification of measurement error: empirical estimation of discrete variance function profiles based on standard curves. <i>Methods in Enzymology</i> , <b>1994</b> , 240, 121-50	1.7	18
165	Appraising the instantaneous secretory rates of luteinizing hormone and testosterone in response to selective mu opiate receptor blockade in late pubertal boys. <i>Journal of Andrology</i> , <b>1987</b> , 8, 203-9		18
164	Direct actions of 17 beta-estradiol on progesterone production by highly differentiated porcine granulosa cells in vitro. II. Regulatory interactions of estradiol with luteinizing hormone and cyclic nucleotides. <i>Endocrinology</i> , <b>1981</b> , 109, 433-42	4.8	18
163	Assessing Temporal Coupling between Two or among Three or More Neuroendocrine Pulse Trains. <i>Methods in Neurosciences</i> , <b>1994</b> , 20, 336-376		18

162	Pulsatile Cortisol Feedback on ACTH Secretion Is Mediated by the Glucocorticoid Receptor and Modulated by Gender. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 4094-4102	5.6	18
161	Estradiol regulates GH-releasing peptide $\beta$ interactions with GH-releasing hormone and somatostatin in postmenopausal women. <i>European Journal of Endocrinology</i> , <b>2014</b> , 170, 121-9	6.5	17
160	Dose-response downregulation within the span of single interpulse intervals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2010</b> , 299, R11-8	3.2	17
159	A super-agonist of growth hormone-releasing hormone causes rapid improvement of nutritional status in patients with chronic kidney disease. <i>Kidney International</i> , <b>2010</b> , 77, 450-8	9.9	17
158	Quantifying nonlinear interactions within the hypothalamo-pituitary-adrenal axis in the conscious horse. <i>Endocrinology</i> , <b>2009</b> , 150, 1941-51	4.8	17
157	Aging alters feed-forward and feedback linkages between LH and testosterone in healthy men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1997</b> , 273, R1407-13	3.2	17
156	Contributions of gender and systemic estradiol and testosterone concentrations to maximal secretagogue drive of burst-like growth hormone secretion in healthy middle-aged and older adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 6291-6	5.6	17
155	Antenatal glucocorticoids modulate the amplitude of pulsatile cortisol secretion in premature neonates. <i>Pediatric Research</i> , <b>1998</b> , 44, 876-81	3.2	17
154	Relative effects of estrogen, age, and visceral fat on pulsatile growth hormone secretion in healthy women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E367-74	6	16
153	Noninvasive analytical estimation of endogenous GnRH drive: analysis using graded competitive GnRH-receptor antagonism and a calibrating pulse of exogenous GnRH. <i>Endocrinology</i> , <b>2011</b> , 152, 4882-93	4.8	16
152	Analytical construct of reversible desensitization of pituitary-testicular signaling: illustrative application in aging. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2011</b> , 300, R349-60	3.2	16
151	Twenty-four hour continuous ghrelin infusion augments physiologically pulsatile, nycthemeral, and entropic (feedback-regulated) modes of growth hormone secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 3597-603	5.6	16
150	Alterations in the pulsatile properties of gonadotropin secretion in alcoholic men. <i>Journal of Andrology</i> , <b>1988</b> , 9, 207-14		16
149	Neurokinin 3 receptor antagonism decreases gonadotropin and testosterone secretion in healthy men. <i>Clinical Endocrinology</i> , <b>2017</b> , 87, 748-756	3.4	15
148	Diminished adrenal sensitivity and ACTH efficacy in obese premenopausal women. <i>European Journal of Endocrinology</i> , <b>2012</b> , 167, 633-42	6.5	15
147	Short-term testosterone supplementation relieves growth hormone autonegative feedback in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 1285-90	5.6	15
146	Contrasting negative-feedback control of endogenously driven and exercise-stimulated pulsatile growth hormone secretion in women and men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 840-6	5.6	15
145	Graded inhibition of pulsatile luteinizing hormone secretion by a selective gonadotropin-releasing hormone (GnRH)-receptor antagonist in healthy men: evidence that age attenuates hypothalamic GnRH outflow. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 2768-74	5.6	15

144	Interactive regulation of postmenopausal growth hormone insulin-like growth factor axis by estrogen and growth hormone-releasing peptide-2. <i>Endocrine</i> , <b>2001</b> , 14, 45-62		15
143	Glucose relays information regarding nutritional status to the neural circuits that control the somatotrophic, corticotrophic, and gonadotropic axes in adult male rhesus macaques. <i>Endocrinology</i> , <b>2002</b> , 143, 403-10	4.8	15
142	A possible role of endogenous opioids in the control of prolactin and luteinizing-hormone secretion in the human. <i>Journal of Endocrinological Investigation</i> , <b>1981</b> , 4, 31-6	5.2	15
141	Immunological and mass spectrometric assays of SHBG: consistent and inconsistent metabolic associations in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 184-93	5.6	14
140	Glucose ingestion selectively amplifies ACTH and cortisol secretory-burst mass and enhances their joint synchrony in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 2882-8	5.6	14
139	Age or factors associated with aging attenuate testosterone concentration-dependent enhancement of the regularity of luteinizing hormone secretion in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 4077-84	5.6	14
138	Age-specific changes in the regulation of LH-dependent testosterone secretion: assessing responsiveness to varying endogenous gonadotropin output in normal men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 289, R721-8	3.2	14
137	Growth hormone and prolactin are secreted more irregularly in patients with Cushing disease. <i>Clinical Endocrinology</i> , <b>2000</b> , 52, 625-32	3.4	14
136	Three-peptide control of pulsatile and entropic feedback-sensitive modes of growth hormone secretion: modulation by estrogen and aromatizable androgen. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2003</b> , 16 Suppl 3, 587-605	1.6	14
135	Sex steroids, GHRH, somatostatin, IGF-I, and IGFBP-1 modulate ghrelin dose-dependent drive of pulsatile GH secretion in healthy older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 4753-60	5.6	13
134	Pre- versus postmenopausal age, estradiol, and peptide-secretagogue type determine pulsatile growth hormone secretion in healthy women: studies using submaximal agonist drive and an estrogen clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 353-60	5.6	13
133	Age-dependent regression analysis of male gonadal axis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 297, R1215-27	3.2	13
132	Increased basal and pulsatile secretion of FSH and LH in young men with 47,XXY or 46,XX karyotypes. <i>European Journal of Endocrinology</i> , <b>2008</b> , 158, 803-10	6.5	13
131	Nature of altered pulsatile hormone release and neuroendocrine network signalling in human ageing: clinical studies of the somatotrophic, gonadotropic, corticotrophic and insulin axes. <i>Novartis Foundation Symposium</i> , <b>2000</b> , 227, 163-85; discussion 185-9		13
130	Control of LH secretory-burst frequency and interpulse-interval regularity in women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 285, E938-48	6	13
129	Pulsatile, nyctohemeral and entropic characteristics of GH secretion in adult GH-deficient patients: selectively decreased pulsatile release and increased secretory disorderliness with preservation of diurnal timing and gender distinctions. <i>Clinical Endocrinology</i> , <b>2002</b> , 56, 79-87	3.4	13
128	A tripeptidyl ensemble perspective of interactive control of growth hormone secretion. <i>Hormone Research in Paediatrics</i> , <b>2003</b> , 60, 86-101	3.3	13
127	Joint synchrony of reciprocal hormonal signaling in human paradigms of both ACTH excess and cortisol depletion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 289, E160-5	6	13



126	Effects of fasting on physiologically pulsatile insulin release in healthy humans. <i>Diabetes</i> , <b>2002</b> , 51 Suppl 1, S255-7	0.9	13
125	Analysis of nonequilibrium dynamics of bound, free, and total plasma ligand concentrations over time following nonlinear secretory inputs: kinetics of two or more hormones pulsed into compartments containing multiple variable-affinity binding proteins. <i>Methods in Enzymology</i> , <b>1994</b> , 240, 349-77	1.7	13
124	The effect of long-term opiate antagonist administration to pubertal boys. <i>Journal of Andrology</i> , <b>1987</b> , 8, 374-7		13
123	Kisspeptin and neurokinin B interactions in modulating gonadotropin secretion in women with polycystic ovary syndrome. <i>Human Reproduction</i> , <b>2020</b> , 35, 1421-1431	5.7	12
122	Age disrupts androgen receptor-modulated negative feedback in the gonadal axis in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 299, E675-82	6	12
121	Complementary secretagogue pairs unmask prominent gender-related contrasts in mechanisms of growth hormone pulse renewal in young adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 2225-32	5.6	12
120	Statistically accurate estimation of hormone concentrations and associated uncertainties: methodology, validation, and applications. <i>Clinical Chemistry</i> , <b>1998</b> , 44, 116-123	5.5	12
119	Testing pulse detection algorithms with simulations of episodically pulsatile substrate, metabolite, or hormone release. <i>Methods in Enzymology</i> , <b>1994</b> , 240, 377-415	1.7	12
118	Temporal coupling among luteinizing hormone, follicle stimulating hormone, beta-endorphin and cortisol pulse episodes in vivo. <i>European Journal of Endocrinology</i> , <b>1992</b> , 126, 193-200	6.5	12
117	Concerted Transcriptional Activation of the Low Density Lipoprotein Receptor Gene by Insulin and Luteinizing Hormone in Cultured Porcine Granulosa-Luteal Cells: Possible Convergence of Protein Kinase A, Phosphatidylinositol 3-Kinase, and Mitogen-Activated Protein Kinase Signaling Pathways		12
116	Proposed Mechanisms of Sex-Steroid Hormone Neuromodulation of the Human GH/IGF-I Axis <b>1999</b> , 93-121		12
115	Mild pituitary phenotype in 3- and 12-month-old Aip-deficient male mice. <i>Journal of Endocrinology</i> , <b>2016</b> , 231, 59-69	4.7	11
114	Pituitary-hormone secretion by thyrotropinomas. <i>Pituitary</i> , <b>2009</b> , 12, 200-10	4.3	11
113	Dynamic testosterone responses to near-physiological LH pulses are determined by the time pattern of prior intravenous LH infusion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 303, E720-8	6	11
112	Age and secretagogue type jointly determine dynamic growth hormone responses to exogenous insulin-like growth factor-negative feedback in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 5542-8	5.6	11
111	Gender modulates sequential suppression and recovery of pulsatile growth hormone secretion by physiological feedback signals in young adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 2874-81	5.6	11
110	Explicating hypergonadotropism in postmenopausal women: a statistical model. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 278, R1247-57	3.2	11
109	Hypothalamo-pituitary-adrenal axis after a single epidural triamcinolone injection. <i>Endocrine</i> , <b>2017</b> , 57, 308-313	4	10

108	Regulation of complex pulsatile and rhythmic neuroendocrine systems: the male gonadal axis as a prototype. <i>Progress in Brain Research</i> , <b>2010</b> , 181, 79-110	2.9	10
107	Age in men does not determine gonadotropin-releasing hormone $\beta$ dose-dependent stimulation of luteinizing hormone secretion under an exogenous testosterone clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 2877-84	5.6	10
106	A pegylated growth hormone receptor antagonist, pegvisomant, does not enter the brain in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 3844-7	5.6	10
105	Determinants of GH-releasing hormone and GH-releasing peptide synergy in men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 296, E1085-92	6	10
104	Endogenous ACTH concentration-cortisol secretion dose analysis unmasks decreased ACTH potency in Cushing $\beta$ disease with restoration after successful pituitary adenomectomy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 3768-74	5.6	10
103	Experimentally induced androgen depletion accentuates ethnicity-related contrasts in luteinizing hormone secretion in asian and caucasian men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 1632-8	5.6	10
102	Synthetic somatostatin analog (octreotide) suppresses daytime growth hormone secretion equivalently in young and older men: preserved pituitary responsiveness to somatostatin $\beta$ inhibition in aging. <i>Journal of the American Geriatrics Society</i> , <b>1999</b> , 47, 1422-4	5.6	10
101	Short-term estradiol supplementation potentiates low-dose ghrelin action in the presence of GHRH or somatostatin in older women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E73-80	5.6	9
100	Corticotropic axis drive of overnight cortisol secretion is suppressed in adolescents and young adults with type 1 diabetes mellitus. <i>Pediatric Diabetes</i> , <b>2014</b> , 15, 444-52	3.6	9
99	Analysis of the impact of intravenous LH pulses versus continuous LH infusion on testosterone secretion during GnRH-receptor blockade. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2012</b> , 303, R994-R1002	3.2	9
98	Testosterone supplementation in older men restrains insulin-like growth factor $\beta$ dose-dependent feedback inhibition of pulsatile growth hormone secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 246-54	5.6	9
97	Gender, sex-steroid, and secretagogue-selective recovery from growth hormone-induced feedback in older women and men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 2540-7	5.6	9
96	Hypocortisolemic clamp unmasks jointly feedforward- and feedback-dependent control of overnight ACTH secretion. <i>European Journal of Endocrinology</i> , <b>2008</b> , 159, 561-8	6.5	9
95	Estradiol supplementation in postmenopausal women attenuates suppression of pulsatile growth hormone secretion by recombinant human insulin-like growth factor type I. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 4471-8	5.6	9
94	Pubertal alterations in growth and body composition: IX. Altered spontaneous secretion and metabolic clearance of growth hormone in overweight youth. <i>Metabolism: Clinical and Experimental</i> , <b>2005</b> , 54, 1374-83	12.7	9
93	Effects of acute ACE inhibition on pulsatile renin and aldosterone secretion and their synchrony. <i>Hypertension</i> , <b>1998</b> , 32, 929-34	8.5	9
92	Rhythmic and nonrhythmic modes of anterior pituitary gland secretion. <i>Chronobiology International</i> , <b>1992</b> , 9, 371-9	3.6	9
91	Multihormonal regulation of ornithine decarboxylase activity in highly differentiated porcine granulosa cells in vitro. <i>Journal of Cellular Physiology</i> , <b>1981</b> , 108, 213-20	7	9

90	Dapagliflozin restores insulin and growth hormone secretion in obese mice. <i>Journal of Endocrinology</i> , <b>2020</b> , 245, 1-12	4.7	9
89	Aromatized Estrogens Amplify Nocturnal Growth Hormone Secretion in Testosterone-Replaced Older Hypogonadal Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 4419-4427	5.6	8
88	Hormone secretion by pituitary adenomas is characterized by increased disorderliness and spikiness but more regular pulsing. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 3836-44	5.6	8
87	Logistic model of glucose-regulated C-peptide secretion: hysteresis pathway disruption in impaired fasting glycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 303, E397-409	6	8
86	Distinct metabolic surrogates predict basal and rebound GH secretion after glucose ingestion in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 2172-9	5.6	8
85	A noninvasive measure of negative-feedback strength, approximate entropy, unmasks strong diurnal variations in the regularity of LH secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 293, E1409-15	6	8
84	Aging-related adaptations in the corticotropic axis: modulation by gender. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2005</b> , 34, 993-1014, x-xi	5.5	8
83	A randomized placebo-controlled trial of short-term graded transdermal estradiol in healthy gonadotropin-releasing hormone agonist-suppressed pre- and postmenopausal women: effects on serum markers of bone turnover, insulin-like growth factor-I, and osteoclastogenic mediators. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 1953-60	5.6	8
82	Realistic Emulation of Highly Irregular Temporal Patterns of Hormone Release: A Computer-Based Pulse Simulator. <i>Methods in Neurosciences</i> , <b>1995</b> , 220-243		8
81	Optimizing Blood Sampling Protocols in Patients With Acromegaly for the Estimation of Growth Hormone Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2675-82	5.6	8
80	Differential Effects of Estradiol and Progesterone on Cardiovascular Risk Factors in Postmenopausal Women. <i>Journal of the Endocrine Society</i> , <b>2018</b> , 2, 794-805	0.4	7
79	Impact of Adiposity and Fat Distribution on the Dynamics of Adrenocorticotropin and Cortisol Rhythms. <i>Current Obesity Reports</i> , <b>2014</b> , 3, 387-95	8.4	7
78	Effects of testosterone administration on nocturnal cortisol secretion in healthy older men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2010</b> , 65, 1185-92	6.4	7
77	Novel relationships of age, visceral adiposity, insulin-like growth factor (IGF)-I and IGF binding protein concentrations to growth hormone (GH) releasing-hormone and GH releasing-peptide efficacies in men during experimental hypogonadal clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 97, 6187-93	5.6	7
76	Estimation of the size and shape of GH secretory bursts in healthy women using a physiological estradiol clamp and variable-waveform deconvolution model. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 293, R1013-21	3.2	7
75	Putative somatostatin suppression potentiates adrenocorticotropin secretion driven by ghrelin and human corticotropin-releasing hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 3653-9	5.6	7
74	Activation of somatostatin-receptor subtype-2/-5 suppresses the mass, frequency, and irregularity of growth hormone (GH)-releasing peptide-2-stimulated GH secretion in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 4581-7	5.6	7
73	Receptor-Mediated Interlinked Systems, Mathematical Modeling of <b>2003</b> , 286-294		7

72	Neuroendocrine facets of human puberty. <i>Neurobiology of Aging</i> , <b>2003</b> , 24 Suppl 1, S93-S119; discussion S121-2	5.6	7
71	Nature of alpha subunit secretion in men: circadian rhythms, pulsatile release and secretory profiles. <i>Journal of Andrology</i> , <b>1989</b> , 10, 248-58		7
70	Effects of transdermal testosterone gel or an aromatase inhibitor on serum concentration and pulsatility of growth hormone in older men with age-related low testosterone. <i>Metabolism: Clinical and Experimental</i> , <b>2017</b> , 69, 143-147	12.7	6
69	Effects of Glucagon-like Peptide-1 on the Reproductive Axis in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	6
68	Effects of Toremifene, a Selective Estrogen Receptor Modulator, on Spontaneous and Stimulated GH Secretion, IGF-I, and IGF-Binding Proteins in Healthy Elderly Subjects. <i>Journal of the Endocrine Society</i> , <b>2018</b> , 2, 154-165	0.4	6
67	Immunologic and mass-spectrometric estimates of SHBG concentrations in healthy women. <i>Metabolism: Clinical and Experimental</i> , <b>2014</b> , 63, 783-92	12.7	6
66	Altered multihormone synchrony in obese patients with polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , <b>2011</b> , 60, 1227-33	12.7	6
65	Complex regulation of GH autofeedback under dual-peptide drive: studies under a pharmacological GH and sex steroid clamp. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E1158-65	6	6
64	Oscillations in joint synchrony of reproductive hormones in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 301, E1163-73	6	6
63	The Role of Growth Hormone Secretagogues and Ghrelin in Feeding and Body Composition <b>2007</b> , 125-154		6
62	Growth hormone (GH) secretion, GH-dependent gene expression, and sexually dimorphic body growth in young rats with chronic renal failure. <i>Endocrine</i> , <b>2008</b> , 33, 323-30	4	6
61	Tripartite control of growth hormone secretion in women during controlled estradiol repletion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 2336-45	5.6	6
60	Short-term testosterone supplementation does not activate GH and IGF-I production in postmenopausal women. <i>Clinical Endocrinology</i> , <b>2005</b> , 63, 32-8	3.4	6
59	Daily low-dose administration of growth hormone secretagogue stimulates pulsatile growth hormone secretion and elevates plasma insulin-like growth factor-1 levels in pigs. <i>Endocrine</i> , <b>2001</b> , 16, 195-9		6
58	Endogenous Estrogen Regulates Somatostatin-Induced Rebound GH Secretion in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 4298-4304	5.6	6
57	Age and time-of-day differences in the hypothalamo-pituitary-testicular, and adrenal, response to total overnight sleep deprivation. <i>Sleep</i> , <b>2020</b> , 43,	1.1	5
56	Hypothalamo-Pituitary Unit, Testis, and Male Accessory Organs <b>2019</b> , 285-300.e8		5
55	Modeling the Nonlinear Time Dynamics of Multidimensional Hormonal Systems. <i>Journal of Time Series Analysis</i> , <b>2012</b> , 33, 779-796	0.8	5

54	Gender determines ACTH recovery from hypercortisolemia in healthy older humans. <i>Metabolism: Clinical and Experimental</i> , <b>2013</b> , 62, 1819-29	12.7	5
53	Lifetime Regulation of Growth Hormone (GH) Secretion <b>2012</b> , 237-257		5
52	Impaired adrenergic- and corticotropic-axis outflow during exercise in chronic obstructive pulmonary disease. <i>Metabolism: Clinical and Experimental</i> , <b>2011</b> , 60, 1521-9	12.7	5
51	Preservation of GHRH and GH-releasing peptide-2 efficacy in young men with experimentally induced hypogonadism. <i>European Journal of Endocrinology</i> , <b>2009</b> , 161, 293-300	6.5	5
50	Testosterone's short-term positive effect on luteinizing-hormone secretory-burst mass and its negative effect on secretory-burst frequency are attenuated in middle-aged men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 3978-86	5.6	5
49	Model-based evaluation of growth hormone secretion. <i>Methods in Enzymology</i> , <b>2012</b> , 514, 231-48	1.7	5
48	Secretagogues govern GH secretory-burst waveform and mass in healthy eugonadal and short-term hypogonadal men. <i>European Journal of Endocrinology</i> , <b>2008</b> , 159, 547-54	6.5	5
47	Gonadal status and body mass index jointly determine growth hormone (GH)-releasing hormone/GH-releasing peptide synergy in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 944-50	5.6	5
46	Peripheral estrogen receptor-alpha selectively modulates the waveform of GH secretory bursts in healthy women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 293, R1514-21	3.2	5
45	Estimation of growth hormone secretion rate: impact of kinetic assumptions intrinsic to the analytical approach. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 280, R225-32	3.2	5
44	Enhanced Coupling Within Gonadotropic and Adrenocorticotrophic Axes by Moderate Exercise in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 2482-2490	5.6	5
43	An Ensemble Perspective of Aging-Related Hypoandrogenemia in Men <b>2004</b> , 263-286		5
42	Computer Algorithms for Deconvolution-Based Assessment of in Vivo Neuroendocrine Secretory Events. <i>Methods in Neurosciences</i> , <b>1992</b> , 241-277		5
41	Circadian rhythms of 11-oxygenated C19 steroids and $\beta$ -steroid sulfates in healthy men. <i>European Journal of Endocrinology</i> , <b>2021</b> , 185, K1-K6	6.5	5
40	Deficient melanocortin-4 receptor causes abnormal reproductive neuroendocrine profile in female mice. <i>Reproduction</i> , <b>2017</b> , 153, 267-276	3.8	4
39	Multipathway modulation of exercise and glucose stress effects upon GH secretion in healthy men. <i>Metabolism: Clinical and Experimental</i> , <b>2015</b> , 64, 1022-30	12.7	4
38	Interleukins 6 and 8 and abdominal fat depots are distinct correlates of lipid moieties in healthy pre- and postmenopausal women. <i>Endocrine</i> , <b>2016</b> , 54, 671-680	4	4
37	Determining the Relationship Between Hot Flashes and LH Pulses in Menopausal Women Using Mathematical Modeling. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 3628-3636	5.6	4

36	The Hypothalamo-Pituitary Unit, Testes, and Male Accessory Organs <b>2009</b> , 283-298		4
35	Analysis of nonequilibrium facets of pulsatile sex-steroid secretion in presence of plasma-binding proteins. <i>Methods in Enzymology</i> , <b>2000</b> , 321, 239-63	1.7	4
34	Pregnancy, but not dietary octanoic acid supplementation, stimulates the ghrelin-pituitary growth hormone axis in mice. <i>Journal of Endocrinology</i> , <b>2020</b> , 245, 327-342	4.7	4
33	Stimulation of endogenous pulsatile growth hormone secretion by activation of growth hormone secretagogue receptor reduces the fat accumulation and improves the insulin sensitivity in obese mice. <i>FASEB Journal</i> , <b>2021</b> , 35, e21269	0.9	4
32	Regulation and adaptation of endocrine axes at high altitude. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E297-E309	6	4
31	Feedback on LH in Testosterone-Clamped Men Depends on the Mode of Testosterone Administration and Body Composition. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 235-249	0.4	3
30	Differential pulsatile secretagogue control of GH secretion in healthy men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2013</b> , 304, R712-9	3.2	3
29	Regulated recovery of pulsatile growth hormone secretion from negative feedback: a preclinical investigation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2011</b> , 301, R1143-52	3.2	3
28	Dynamic Interactions Between LH and Testosterone in Healthy Community-Dwelling Men: Impact of Age and Body Composition. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	3
27	Neurokinin 3 Receptor Antagonists Do Not Increase FSH or Estradiol Secretion in Menopausal Women. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvz009	0.4	3
26	Effect of GHS-R deletion on growth, pulsatile GH secretion and meal pattern in male and female mice. <i>Neuroendocrinology</i> , <b>2021</b> ,	5.6	3
25	Androgenic Modulation of the Growth Hormone/IGF Axis and Its Impact on Metabolic Outcomes <b>1999</b> , 82-92		3
24	Regulation of Pulsatile and Entropic ACTH Secretion Under Fixed Exogenous Secretagogue Clamps. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 2611-2619	5.6	2
23	Ghrelin: A History of Its Discovery <b>2012</b> , 1-35		2
22	Overnight ACTH-cortisol dose responsiveness: comparison with 24-h data, metyrapone administration and insulin-tolerance test in healthy adults. <i>Clinical Endocrinology</i> , <b>2011</b> , 75, 596-601	3.4	2
21	Factors other than sex steroids modulate GHRH and GHRP-2 efficacies in men: evaluation using a GnRH agonist/testosterone clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 2544-50	5.6	2
20	Evaluation of LH secretory dynamics during the rat proestrous LH surge. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1999</b> , 276, R219-25	3.2	2
19	Methods for Validating Deconvolution Analysis of Pulsatile Hormone Release: Luteinizing Hormone as a Paradigm. <i>Methods in Neurosciences</i> , <b>1995</b> , 28, 109-129		2

18	Interleukin-2 drives cortisol secretion in an age-, dose-, and body composition-dependent way. <i>Endocrine Connections</i> , <b>2020</b> , 9, 637-648	3.5	2
17	Clamping Cortisol and Testosterone Mitigates the Development of Insulin Resistance during Sleep Restriction in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e3436-e3448	5.6	2
16	Effects of Peptide YY on the Hypothalamic-Pituitary-Gonadal Axis in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	2
15	An Ensemble Perspective of Aging-Related Hypoandrogenemia in Men <b>2017</b> , 325-347		1
14	Estradiol Does Not Influence Lipid Measures and Inflammatory Markers in Testosterone-Clamped Healthy Men. <i>Journal of the Endocrine Society</i> , <b>2018</b> , 2, 882-892	0.4	1
13	Estrogen-like potentiation of ghrelin-stimulated GH secretion by fulvestrant, a putatively selective ER antagonist, in postmenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E2557-64	5.6	1
12	The Hypothalamo-Pituitary Unit, Testis, and Male Accessory Organs <b>2014</b> , 272-286.e8		1
11	Secretagogue type, sex-steroid milieu, and abdominal visceral adiposity individually determine secretagogue-stimulated cortisol secretion. <i>European Journal of Endocrinology</i> , <b>2010</b> , 162, 1043-9	6.5	1
10	Regulation of basal, pulsatile, and entropic (patterned) modes of GH secretion in a putatively low-somatostatin milieu in women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E483-9	6	1
9	Biochemistry of the Growth Hormone-Releasing Peptides, Secretagogues and Ghrelin <b>2006</b> , 219-234		1
8	Modulating Effects of Progesterone on Spontaneous Nocturnal and Ghrelin-Induced GH Secretion in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2385-2394	5.6	0
7	A novel measure of glucose homeostasis (or loss thereof) comprising the joint dynamics of glucose, insulin, glucagon, and cortisol. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 316, E998-E1011	6	0
6	Utility of ultrasensitive growth hormone assays in assessing aging-related hyposomatotropism. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2005</b> , 34, 853-64, vii-viii	5.5	0
5	Suppression of hyperinsulinemia restores growth hormone secretion and metabolism in obese mice. <i>Journal of Endocrinology</i> , <b>2021</b> , 250, 105-116	4.7	0
4	Regulation of growth hormone secretion <b>2013</b> , 38-53		
3	Single and Combined Effects of Growth Hormone and Testosterone in Healthy Older Men. <i>Hormone Research in Paediatrics</i> , <b>2006</b> , 66, 49-57	3.3	
2	Relationship Between Exercise and Growth Hormone Neuroendocrine Function. <i>Rejuvenation Research</i> , <b>2002</b> , 5, 15-25		
1	Interleukin-2 Transiently Inhibits Pulsatile Growth Hormone Secretion in Young but not Older Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 2855-2864	5.6	

