Johannes D Veldhuis

List of Publications by Year
in descending order

394	20,549	9234 74	17055 122
papers	citations	h-index	g-index

406	406	406	10738
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pathophysiology of the Neuroregulation of Growth Hormone Secretion in Experimental Animals and the Human*. Endocrine Reviews, 1998, 19, 717-797.	8.9	942
2	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*. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 1081-1088.	1.8	631
3	Dual Defects in Pulsatile Growth Hormone Secretion and Clearance Subserve the Hyposomatotropism of Obesity in Man*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 51-59.	1.8	472
4	The role of falling leptin levels in the neuroendocrine and metabolic adaptation to short-term starvation in healthy men. Journal of Clinical Investigation, 2003, 111, 1409-1421.	3.9	468
5	Phenotypic effects of leptin replacement on morbid obesity, diabetes mellitus, hypogonadism, and behavior in leptin-deficient adults. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4531-4536.	3.3	445
6	Endocrine Control of Body Composition in Infancy, Childhood, and Puberty. Endocrine Reviews, 2005, 26, 114-146.	8.9	367
7	Testosterone Deficiency in Young Men: Marked Alterations in Whole Body Protein Kinetics, Strength, and Adiposity¹. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1886-1892.	1.8	318
8	Augmentation of Growth Hormone Secretion during Puberty: Evidence for a Pulse Amplitude-Modulated Phenomenon*. Journal of Clinical Endocrinology and Metabolism, 1987, 64, 596-601.	1.8	308
9	The role of falling leptin levels in the neuroendocrine and metabolic adaptation to short-term starvation in healthy men. Journal of Clinical Investigation, 2003, 111, 1409-1421.	3.9	266
10	[26] Deconvolution analysis of hormone data. Methods in Enzymology, 1992, 210, 539-575.	0.4	239
11	Alterations in the Pulsatile Properties of Circulating Growth Hormone Concentrations during Puberty in Boys*. Journal of Clinical Endocrinology and Metabolism, 1989, 69, 563-570.	1.8	228
12	Thirty-Second Sampling of Plasma Growth Hormone in Man: Correlation with Sleep Stages*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 854-861.	1.8	219
13	Somatotropic and Gonadotropic Axes Linkages in Infancy, Childhood, and the Puberty-Adult Transition. Endocrine Reviews, 2006, 27, 101-140.	8.9	209
14	Pulsatile Insulin Secretion Dictates Systemic Insulin Delivery by Regulating Hepatic Insulin Extraction In Humans. Diabetes, 2005, 54, 1649-1656.	0.3	201
15	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. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3284-3291.	1.8	199
16	Operating Characteristics of the Male Hypothalamo-Pituitary-Gonadal Axis: Pulsatile Release of Testosterone and Follicle-Stimulating Hormone and Their Temporal Coupling with Luteinizing Hormone*. Journal of Clinical Endocrinology and Metabolism, 1987, 65, 929-941.	1.8	197
17	Sex Steroids, Growth Hormone, Insulin-Like Growth Factor-1: Neuroendocrine and Metabolic Regulation in Puberty. Hormone Research, 1996, 45, 74-80.	1.8	194
18	Motivations and Methods for Analyzing Pulsatile Hormone Secretion. Endocrine Reviews, 2008, 29, 823-864.	8.9	194

#	Article	IF	Citations
19	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 Replacement¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3414-3420.	1.8	192
20	Reactivation of Pituitary Hormone Release and Metabolic Improvement by Infusion of Growth Hormone-Releasing Peptide and Thyrotropin-Releasing Hormone in Patients with Protracted Critical Illness1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1311-1323.	1.8	191
21	Twenty-Four-Hour Rhythms in Plasma Concentrations of Adenohypophyseal Hormones Are Generated by Distinct Amplitude and/or Frequency Modulation of Underlying Pituitary Secretory Bursts*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 1616-1623.	1.8	189
22	Amplitude, but not Frequency, Modulation of Adrenocorticotropin Secretory Bursts Gives Rise to the Nyctohemeral Rhythm of the Corticotropic Axis in Man*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 452-463.	1.8	188
23	Pulsatile Insulin Secretion: Detection, Regulation, and Role in Diabetes. Diabetes, 2002, 51, S245-S254.	0.3	180
24	Contemporary Aspects of Discrete Peak-Detection Algorithms. II. The Paradigm of the Luteinizing Hormone Pulse Signal in Women*. Endocrine Reviews, 1992, 13, 81-104.	8.9	174
25	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. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 5649-5657.	1.8	174
26	Alterations in the Pulsatile Mode of Growth Hormone Release in Men and Women with Insulin-Dependent Diabetes Mellitus*. Journal of Clinical Endocrinology and Metabolism, 1989, 69, 239-245.	1.8	168
27	Half-Time of Endogenous Growth Hormone (GH) Disappearance in Normal Man After Stimulation of GH Secretion by GH-Releasing Hormone and Suppression with Somatostatin*. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 535-541.	1.8	154
28	Sex Differences in Circulating Human Leptin Pulse Amplitude: Clinical Implications1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4140-4147.	1.8	154
29	Impact of acute exercise intensity on pulsatile growth hormone release in men. Journal of Applied Physiology, 1999, 87, 498-504.	1.2	150
30	Neurokinin 3 receptor antagonism as a novel treatment for menopausal hot flushes: a phase 2, randomised, double-blind, placebo-controlled trial. Lancet, The, 2017, 389, 1809-1820.	6.3	149
31	Endocrine Function after Spontaneous Infarction of the Human Pituitary: Report, Review, and Reappraisal*. Endocrine Reviews, 1980, 1, 100-107.	8.9	138
32	The Rationale, Efficacy and Safety of Androgen Therapy in Older Men: Future Research and Current Practice Recommendations. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4789-4796.	1.8	135
33	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*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 846-854.	1.8	132
34	Direct Measurement of Pulsatile Insulin Secretion from the Portal Vein in Human Subjects1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4491-4499.	1.8	132
35	Postprandial Suppression of Glucagon Secretion Depends on Intact Pulsatile Insulin Secretion: Further Evidence for the Intraislet Insulin Hypothesis. Diabetes, 2006, 55, 1051-1056.	0.3	128
36	Operating Characteristics of the Hypothalamo-Pituitary-Gonadal Axis in Men: Circadian, Ultradian, and Pulsatile Release of Prolactin and Its Temporal Coupling With Luteinizing Hormone*. Journal of Clinical Endocrinology and Metabolism, 1988, 67, 116-123.	1.8	125

#	Article	IF	Citations
37	Increased hGH Production Rate after Low-Dose Estrogen Therapy in Prepubertal Girls with Turner's Syndrome. Pediatric Research, 1990, 28, 626-630.	1.1	124
38	The Somatotropic Axis in Critical Illness: Effect of Continuous Growth Hormone (GH)-Releasing Hormone and GH-Releasing Peptide-2 Infusion1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 590-599.	1.8	120
39	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. Clinical Endocrinology, 2002, 56, 655-669.	1.2	119
40	Altered Neuroregulation of GH Secretion in Viscerally Obese Premenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5509-5515.	1.8	118
41	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*. Journal of Clinical Endocrinology and Metabolism, 1988, 66, 414-421.	1.8	115
42	Overnight inhibition of insulin secretion restores pulsatility and proinsulin/insulin ratio in type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E520-E528.	1.8	110
43	Gender differences in secretory activity of the human somatotropic (growth hormone) axis. European Journal of Endocrinology, 1996, 134, 287-295.	1.9	105
44	Increased Pulsatile, But Not Basal, Growth Hormone Secretion Rates and Plasma Insulin-Like Growth Factor I Levels during the Periovulatory Interval in Normal Women. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1662-1667.	1.8	105
45	Interactive Stimulation by Luteinizing Hormone and Insulin of the Steroidogenic Acute Regulatory (StAR) Protein and 17Î±-Hydroxylase/17, 20-Lyase (CYP17) Genes in Porcine Theca Cells¹. Endocrinology, 2000, 141, 2735-2742.	1.4	105
46	Neurokinin B Receptor Antagonism in Women With Polycystic Ovary Syndrome: A Randomized, Placebo-Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4313-4321.	1.8	103
47	Exploring the pathophysiology of hypogonadism in men with type 2 diabetes: Kisspeptinâ€10 stimulates serum testosterone and <scp>LH</scp> secretion in men with type 2 diabetes and mild biochemical hypogonadism. Clinical Endocrinology, 2013, 79, 100-104.	1.2	102
48	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. Sleep, 1996, 19, S221-S224.	0.6	100
49	Rapid Glucocorticoid Receptor-Mediated Inhibition of Hypothalamicâ€"Pituitaryâ€"Adrenal Ultradian Activity in Healthy Males. Journal of Neuroscience, 2010, 30, 6106-6115.	1.7	96
50	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. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 2459-2464.	1.8	94
51	Maturation of the Regulation of Growth Hormone Secretion in Young Males with Hypogonadotropic Hypogonadism Pharmacologically Exposed to Progressive Increments in Serum Testosterone¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1210-1219.	1.8	90
52	Elements in the pathophysiology of diminished growth hormone (GH) secretion in aging humans. Endocrine, 1997, 7, 41-48.	2.2	90
53	Effects of gender on exercise-induced growth hormone release. Journal of Applied Physiology, 1999, 87, 1154-1162.	1.2	90
54	Intensified Rates of Venous Sampling Unmask the Presence of Spontaneous, High-Frequency Pulsations of Luteinizing Hormone in Man*. Journal of Clinical Endocrinology and Metabolism, 1984, 59, 96-102.	1.8	89

#	Article	IF	Citations
55	In VivoBiological Validation and Biophysical Modeling of the Sensitivity and Positive Accuracy of Endocrine Peak Detection. I. The LH Pulse Signal*. Endocrinology, 1989, 124, 2541-2547.	1.4	89
56	Deconvolution Analysis of Spontaneous Nocturnal Growth Hormone Secretion in Prepubertal Children with Preterminal Chronic Renal Failure and with End-Stage Renal Disease. Pediatric Research, 1995, 37, 86-93.	1.1	89
57	Pulsatile and Sexually Dimorphic Secretion of Luteinizing Hormone in the Human Infant on the Day of Birth. Pediatric Research, 1992, 32, 605-607.	1.1	88
58	Aging and hormones of the hypothalamo-pituitary axis: Gonadotropic axis in men and somatotropic axes in men and women. Ageing Research Reviews, 2008, 7, 189-208.	5.0	88
59	Sensitivity and specificity of pulse detection using a new deconvolution method. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E538-E544.	1.8	87
60	Dynamics of 24-Hour Endogenous Cortisol Secretion and Clearance in Primary Hypothyroidism Assessed before and after Partial Thyroid Hormone Replacement*. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 155-161.	1.8	86
61	Greater disorderliness of ACTH and cortisol release accompanies pituitary-dependent Cushing's disease. European Journal of Endocrinology, 1997, 136, 394-400.	1.9	86
62	Age-Dependent and Gender-Dependent Regulation of Hypothalamic-Adrenocorticotropic-Adrenal Axis. Endocrinology and Metabolism Clinics of North America, 2013, 42, 201-225.	1.2	85
63	Changes in pituitary function with ageing and implications for patient care. Nature Reviews Endocrinology, 2013, 9, 205-215.	4.3	84
64	Prolactin Secretion in Healthy Adults Is Determined by Gender, Age and Body Mass Index. PLoS ONE, 2012, 7, e31305.	1.1	83
65	Thyrotropin Secretion Patterns in Health and Disease. Endocrine Reviews, 2013, 34, 619-657.	8.9	83
66	Hormone pulsatility discrimination via coarse and short time sampling. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E948-E957.	1.8	82
67	Physiological Properties of the Luteinizing Hormone Pulse Signal: Impact of Intensive and Extended Venous Sampling Paradigms on Its Characterization in Healthy Men and Women*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 881-891.	1.8	81
68	Specific Methodological Approaches to Selected Contemporary Issues in Deconvolution Analysis of Pulsatile Neuroendocrine Data. Methods in Neurosciences, 1995, 28, 25-92.	0.5	81
69	Physiological control of pituitary hormone secretory-burst mass, frequency, and waveform: a statistical formulation and analysis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 285, R664-R673.	0.9	80
70	Patients with Cushingâ€™s Disease Secrete Adrenocorticotropin and Cortisol Jointly More Asynchronously than Healthy Subjects. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 688-692.	1.8	79
71	The aging male hypothalamicâ€“pituitaryâ€“gonadal axis: Pulsatility and feedback. Molecular and Cellular Endocrinology, 2009, 299, 14-22.	1.6	79
72	Pathophysiology of Male Hypogonadism Associated with Endogenous Hyperestrogenism. New England Journal of Medicine, 1985, 312, 1371-1375.	13.9	76

#	Article	IF	Citations
73	Increased Disorderliness of Basal Insulin Release, Attenuated Insulin Secretory Burst Mass, and Reduced Ultradian Rhythmicity of Insulin Secretion in Older Individuals1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 4088-4093.	1.8	75
74	In humans at least 75% of insulin secretion arises from punctuated insulin secretory bursts. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E908-E914.	1.8	74
75	A Novel in Vivo Rabbit Model of Hypercatabolic Critical Illness Reveals a Biphasic Neuroendocrine Stress Response. Endocrinology, 2002, 143, 764-774.	1.4	74
76	Reconstruction of in vivo time-evolving neuroendocrine dose-response properties unveils admixed deterministic and stochastic elements. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6740-6745.	3.3	71
77	Gender governs the relationship between exercise intensity and growth hormone release in young adults. Journal of Applied Physiology, 2002, 92, 2053-2060.	1.2	70
78	Intensive Venous Sampling Paradigms Disclose High Frequency Adrenocorticotropin Release Episodes in Normal Men*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 1276-1283.	1.8	69
79	A Stochastic Biomathematical Model of the Male Reproductive Hormone System. SIAM Journal on Applied Mathematics, 2000, 61, 934-965.	0.8	69
80	Troglitazone, an Insulin-Sensitizing Thiazolidinedione, Represses Combined Stimulation by LH and Insulin of de Novo Androgen Biosynthesis by Thecal Cells in Vitro. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1129-1133.	1.8	69
81	A biomathematical model of time-delayed feedback in the human male hypothalamic-pituitary-Leydig cell axis. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E157-E176.	1.8	68
82	Insulin-dependent Diabetes Mellitus and Menstrual Dysfunction. Annals of Medicine, 1994, 26, 331-340.	1.5	67
83	Endogenous ACTH concentration-dependent drive of pulsatile cortisol secretion in the human. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E652-E661.	1.8	67
84	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*. Endocrinology, 1990, 127, 2481-2488.	1.4	66
85	Altered endogenous growth hormone secretory kinetics and diurnal GHâ€binding protein profiles in adults with chronic liver disease. Clinical Endocrinology, 1995, 43, 265-275.	1.2	66
86	Analysis of the Copulsatility of Anterior Pituitary Hormones*. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 569-576.	1.8	65
87	Neurophysiological regulation andtarget-tissue impact of the pulsatile mode of growth hormone secretion in the human. Growth Hormone and IGF Research, 2001, 11, S25-S37.	0.5	64
88	Composite model of time-varying appearance and disappearance of neurohormone pulse signals in blood. Journal of Theoretical Biology, 2005, 236, 242-255.	0.8	64
89	Impact of age, sex and body mass index on cortisol secretion in 143 healthy adults. Endocrine Connections, 2017, 6, 500-509.	0.8	64
90	8Pathophysiological relationships between the biological and immunological activities of luteinizing hormone. Bailliere's Clinical Endocrinology and Metabolism, 1987, 1, 153-176.	1.0	63

#	Article	IF	Citations
91	Neuroendocrine alterations in the somatotropic and lactotropic axes in uremic men. European Journal of Endocrinology, 1994, 131, 489-498.	1.9	62
92	Reduced nocturnal ACTH-driven cortisol secretion during critical illness. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E883-E892.	1.8	62
93	An Ensemble Model of the Male Gonadal Axis: Illustrative Application in Aging Men. Endocrinology, 2006, 147, 2817-2828.	1.4	61
94	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. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2290-2300.	1.8	58
95	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 Release1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1440-1447.	1.8	56
96	Fasting Suppresses Pulsatile Luteinizing Hormone (LH) Secretion and Enhances Orderliness of LH Release in Young but Not Older Men1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1967-1975.	1.8	55
97	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 Outcomes¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3710-3719.	1.8	53
98	Pulsatile Insulin Secretion by Human Pancreatic Islets. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 213-221.	1.8	53
99	Acute Androgen Receptor Blockade Increases Luteinizing Hormone Secretory Activity in Men*. Journal of Clinical Endocrinology and Metabolism, 1988, 67, 1149-1155.	1.8	52
100	Altered pulsatile gonadotropin signaling in nutritional deficiency in the male. Trends in Endocrinology and Metabolism, 1995, 6, 145-159.	3.1	52
101	A construct of interactive feedback control of the GH axis in the male. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R38-R51.	0.9	52
102	The effect of caloric restriction interventions on growth hormone secretion in nonobese men and women. Aging Cell, 2010, 9, 32-39.	3.0	52
103	Proinflammatory Cytokine Infusion Attenuates LH's Feedforward on Testosterone Secretion: Modulation by Age. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 539-549.	1.8	51
104	Responsiveness of Gonadotropin Secretion to Infusion of an Opiate-Receptor Antagonist in Hypogonadotropic Individuals*. Journal of Clinical Endocrinology and Metabolism, 1982, 55, 649-653.	1.8	50
105	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. Methods in Neurosciences, 1995, , 130-138.	0.5	50
106	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*. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3498-3505.	1.8	50
107	Thyrotropin Secretion Profiles Are Not Different in Men and Women. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3964-3967.	1.8	50
108	Basal, Pulsatile, Entropic (Patterned), and Spiky (Staccato-like) Properties of ACTH Secretion: Impact of Age, Gender, and Body Mass Index. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4045-4052.	1.8	50

#	Article	IF	Citations
109	Gender, Age, Body Mass Index, and IGF-I Individually and Jointly Determine Distinct GH Dynamics: Analyses in One Hundred Healthy Adults. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 115-121.	1.8	49
110	Measuring luteinising hormone pulsatility with a robotic aptamer-enabled electrochemical reader. Nature Communications, 2019, 10, 852.	5.8	49
111	Deconvolution Analysis of Neuroendocrine Data: Waveform-Specific and Waveform-Independent Methods and Applications. Methods in Neurosciences, 1994, 20, 279-325.	0.5	49
112	Metabolic Clearance of Human Follicle-Stimulating Hormone Assessed by Radioimmunoassay, Immunoradiometric Assay, andin VitroSertoli Cell Bioassay*. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 818-823.	1.8	48
113	Disappearance of human chorionic gonadotropin and its Î±- and Î²-subunits after term pregnancy. Clinical Chemistry, 1997, 43, 2155-2163.	1.5	48
114	Exercise-dependent growth hormone release is linked to markers of heightened central adrenergic outflow. Journal of Applied Physiology, 2000, 89, 629-635.	1.2	48
115	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. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 5484-5489.	1.8	47
116	Joint pituitary-hypothalamic and intrahypothalamic autofeedback construct of pulsatile growth hormone secretion. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 285, R1240-R1249.	0.9	46
117	Analysis of bidirectional pattern synchrony of concentration-secretion pairs: implementation in the human testicular and adrenal axes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R440-R446.	0.9	46
118	Specific Physiological Regulation of Luteinizing Hormone Secretory Events Throughout the Human Menstrual Cycle: New Insights into the Pulsatile Mode of Gonadotropin Release. Journal of Neuroendocrinology, 1990, 2, 845-852.	1.2	45
119	Estrogen Regulates the Gonadotropin-Releasing Hormone-Stimulated Secretion of Biologically Active Luteinizing Hormone*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 660-668.	1.8	45
120	Elevated Growth Hormone Secretory Rate in Premature Infants: Deconvolution Analysis of Pulsatile Growth Hormone Secretion in the Neonate. Pediatric Research, 1992, 32, 286-290.	1.1	45
121	Calcium-Sensing by Parathyroid Glands in Secondary Hyperparathyroidism1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2765-2772.	1.8	45
122	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. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2941-2947.	1.8	45
123	Effects of age on the irregularity of LH and FSH serum concentrations in women and men. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E989-E995.	1.8	44
124	Putative GH pulse renewal: periventricular somatostatinergic control of an arcuate-nuclear somatostatin and GH-releasing hormone oscillator. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 286, R1030-R1042.	0.9	44
125	Older men exhibit reduced efficacy of and heightened potency downregulation by intravenous pulses of recombinant human LH: a study in 92 healthy men. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E117-E122.	1.8	44
126	Contrasts in the gonadotropin-releasing hormone doseâ€“response relationships for luteinizing hormone, follicle-stimulating hormone and Î±-subunit release in young versus older men: appraisal with high-specificity immunoradiometric assay and deconvolution analysis. European Journal of Endocrinology, 1996, 135, 399-406.	1.9	43

#	Article	IF	Citations
127	Integrating GHS into the Ghrelin System. International Journal of Peptides, 2010, 2010, 1-40.	0.7	43
128	Neurokinin B Regulates Gonadotropin Secretion, Ovarian Follicle Growth, and the Timing of Ovulation in Healthy Women. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 95-104.	1.8	43
129	Neuroendocrine mechanisms mediating awakening of the human gonadotropic axis in puberty. Pediatric Nephrology, 1996, 10, 304-317.	0.9	42
130	Graded Testosterone Infusions Distinguish Gonadotropin Negative-Feedback Responsiveness in Asian and White Menâ€"A Clinical Research Center Study1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 870-876.	1.8	42
131	Process irregularity of cortisol and adrenocorticotropin secretion in men with major depressive disorder. Psychoneuroendocrinology, 2004, 29, 1129-1137.	1.3	42
132	Age diminishes the testicular steroidogenic response to repeated intravenous pulses of recombinant human LH during acute GnRH-receptor blockade in healthy men. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E775-E781.	1.8	42
133	Glucose Tolerance, Glucose Utilization and Insulin Secretion in Ageing. Novartis Foundation Symposium, 2008, , 222-246.	1.2	42
134	Aromatase and 5Î±-Reductase Inhibition during an Exogenous Testosterone Clamp Unveils Selective Sex Steroid Modulation of Somatostatin and Growth Hormone Secretagogue Actions in Healthy Older Men. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 973-981.	1.8	42
135	Sustained Inhibitory Actions of a Potent Antagonist of Gonadotropin-Releasing Hormone in Postmenopausal Women*. Journal of Clinical Endocrinology and Metabolism, 1987, 64, 1268-1274.	1.8	41
136	E2 Supplementation Selectively Relieves GHâ€™s Autonegative Feedback on GH-Releasing Peptide-2-Stimulated GH Secretion. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5904-5911.	1.8	41
137	Unequal autonegative feedback by GH models the sexual dimorphism in GH secretory dynamics. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R753-R764.	0.9	41
138	Octreotide represses secretory-burst mass and nonpulsatile secretion but does not restore event frequency or orderly GH secretion in acromegaly. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E25-E30.	1.8	41
139	Somatostatin Is Essential for the Sexual Dimorphism of GH Secretion, Corticosteroid-Binding Globulin Production, and Corticosterone Levels in Mice. Endocrinology, 2015, 156, 1052-1065.	1.4	41
140	Disruption of the Pulsatile and Entropic Modes of Insulin Release during an Unvarying Glucose Stimulus in Elderly Individuals1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1938-1943.	1.8	40
141	Deterministic construct of amplifying actions of ghrelin on pulsatile growth hormone secretion. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1649-R1663.	0.9	40
142	Effects of Continuous Versus Intermittent Exercise, Obesity, and Gender on Growth Hormone Secretion. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4711-4720.	1.8	40
143	Interactions Between Neurokinin B and Kisspeptin in Mediating Estrogen Feedback in Healthy Women. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4628-4636.	1.8	40
144	Random and Non-Random Coincidence Between Luteinizing Hormone Peaks and Follicle-Stimulating Hormone, Alpha Subunit, Prolactin and Gonadotropin-Releasing Hormone ulsations. Journal of Neuroendocrinology, 1989, 1, 185-194.	1.2	39

#	Article	IF	Citations
145	Coordinate activation of the corticotropic axis by insulin-induced hypoglycemia: simultaneous estimates of Î²-endorphin, adrenocorticotropin and cortisol secretion and disappearance in normal men. European Journal of Endocrinology, 1993, 128, 521-528.	1.9	39
146	Growth Hormone Dynamics in Healthy Adults Are Related to Age and Sex and Strongly Dependent on Body Mass Index. Neuroendocrinology, 2016, 103, 335-344.	1.2	39
147	Neuroendocrine Consequences of Fasting in Adult Male Macaques: Effects of Recombinant Rhesus Macaque Leptin Infusion. Neuroendocrinology, 2000, 71, 196-208.	1.2	38
148	Synergy of<scp>l</scp>-arginine and GHRP-2 stimulation of growth hormone in men and women: modulation by exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R1467-R1477.	0.9	38
149	Hypothesis testing of the aging male gonadal axis via a biomathematical construct. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1755-R1771.	0.9	38
150	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. Sleep, 2014, 37, 733-741.	0.6	38
151	Persistence of Concordant Luteinizing Hormone (LH), Testosterone, andÎ±-Subunit Pulses after LH-Releasing Hormone Antagonist Administrtion in Normal Men*. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 1472-1478.	1.8	37
152	Differential orderliness of the GH release process in castrate male and female rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R437-R444.	0.9	37
153	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. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 121-127.	1.8	37
154	Thyrotropin Secretion in Mild and Severe Primary Hypothyroidism Is Distinguished by Amplified Burst Mass and Basal Secretion with Increased Spikiness and Approximate Entropy. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 928-934.	1.8	37
155	Investigating the KNDy Hypothesis in Humans by Coadministration of Kisspeptin, Neurokinin B, and Naltrexone in Men. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3429-3436.	1.8	37
156	Role of calcium in the modulation of ornithine decarboxylase activity in isolated pig granulosa cells in vitro. Biochemical Journal, 1981, 196, 795-801.	1.7	36
157	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. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1312-1318.	1.8	36
158	Actions of NPY, and Its Y1 and Y2 Receptors on Pulsatile Growth Hormone Secretion during the Fed and Fasted State. Journal of Neuroscience, 2014, 34, 16309-16319.	1.7	36
159	Aging alters feed-forward and feedback linkages between LH and testosterone in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R1407-R1413.	0.9	35
160	Altered morning and nighttime pulsatile corticotropin and cortisol release in polycystic ovary syndrome. Metabolism: Clinical and Experimental, 1998, 47, 143-148.	1.5	35
161	Disruption of the hypothalamic luteinizing hormone pulsing mechanism in aging men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R1917-R1924.	0.9	35
162	Deconvolution Analysis as a Hormone Pulse-Detection Algorithm. Methods in Enzymology, 2004, 384, 40-54.	0.4	35

#	Article	IF	Citations
163	Model-projected mechanistic bases for sex differences in growth hormone regulation in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1577-R1593.	0.9	35
164	Oestrogens regulate divergent effects of prolactin in the ovary. Nature, 1980, 284, 262-264.	13.7	34
165	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*. Journal of Clinical Endocrinology and Metabolism, 1985, 61, 790-793.	1.8	34
166	Pathophysiological features of the pulsatile secretion of biologically active luteinizing hormone in man. The Journal of Steroid Biochemistry, 1989, 33, 739-749.	1.3	34
167	Facilitative Actions of the Protein Kinase-C Effector System on Hormonally Stimulated Adenosine 3â€²,5â€²-Monophosphate Production by Swine Luteal Cells*. Endocrinology, 1989, 125, 2414-2420.	1.4	34
168	Objective assessment of concordance of secretory events in two endocrine time series. European Journal of Endocrinology, 1991, 124, 208-218.	1.9	34
169	Joint recovery of pulsatile and basal hormone secretion by stochastic nonlinear random-effects analysis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R1939-R1949.	0.9	34
170	Longitudinal changes in growth hormone secretory process irregularity assessed transpubertally in healthy boys. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E417-E424.	1.8	34
171	Short-Term Aromatase-Enzyme Blockade Unmasks Impaired Feedback Adaptations in Luteinizing Hormone and Testosterone Secretion in Older Men. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 211-218.	1.8	34
172	Sex defines the age dependence of endogenous ACTH-cortisol dose responsiveness. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R515-R523.	0.9	34
173	Direct Actions of 17Î²-Estradiol on Progesterone Production by Highly Differentiated Porcine Gramâ§losa Cells in Vitro. II. Regulatory Interactions of Estradiol with Luteinizing Hormone and Cyclic Nucleotides*. Endocrinology, 1981, 109, 433-442.	1.4	33
174	The Nature of the Gonadotropin-Releasing Hormone Stimulus-Luteinizing Hormone Secretory Response of Human GonadotrophsIn Vivo*. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 661-670.	1.8	33
175	Disparate Serum Free Testosterone Concentrations and Degrees of Hypothalamo-Pituitary-Luteinizing Hormone Suppression Are Achieved by ContinuousVersusPulsatile Intravenous Androgen Replacement in Men: A Clinical Experimental Model of Ketoconazole-Induced Reversible Hypoandrogenemia with Controlled Testosterone Add-Back¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2062-2069.	1.8	33
176	Divergent gonadotropin-gonadal dose-responsive coupling in healthy young and aging men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 286, R381-R389.	0.9	33
177	Estradiol Potentiates Ghrelin-Stimulated Pulsatile Growth Hormone Secretion in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3559-3565.	1.8	33
178	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. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E34-E41.	1.8	33
179	Aging in Healthy Men Impairs Recombinant Human Luteinizing Hormone (LH)-Stimulated Testosterone Secretion Monitored under a Two-Day Intravenous Pulsatile LH Clamp. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5544-5550.	1.8	32
180	Mechanisms of Hypoandrogenemia in Healthy Aging Men. Endocrinology and Metabolism Clinics of North America, 2005, 34, 935-955.	1.2	32

#	Article	IF	Citations
181	Growth hormone response to graded exercise intensities is attenuated and the gender difference abolished in older adults. Journal of Applied Physiology, 2006, 100, 1623-1629.	1.2	32
182	Estradiol, but not testosterone, heightens cortisol-mediated negative feedback on pulsatile ACTH secretion and ACTH approximate entropy in unstressed older men and women. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R627-R635.	0.9	32
183	Kisspeptin and neurokinin B interactions in modulating gonadotropin secretion in women with polycystic ovary syndrome. Human Reproduction, 2020, 35, 1421-1431.	0.4	32
184	Testosterone supplementation in healthy older men drives GH and IGF-I secretion without potentiating peptidyl secretagogue efficacy. European Journal of Endocrinology, 2005, 153, 577-586.	1.9	31
185	Human insulin release processes measured by intraportal sampling. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E695-E702.	1.8	30
186	Cortisol feedback state governs adrenocorticotropin secretory-burst shape, frequency, and mass in a dual-waveform construct: time of day-dependent regulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 285, R950-R961.	0.9	30
187	Age Attenuates Testosterone Secretion Driven by Amplitude-Varying Pulses of Recombinant Human Luteinizing Hormone during Acute Gonadotrope Inhibition in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3626-3632.	1.8	30
188	Estrogen Elevates the Peak Overnight Production Rate of Acylated Ghrelin. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4440-4447.	1.8	30
189	Estrogen Supplementation Selectively Enhances Hypothalamo-Pituitary Sensitivity to Ghrelin in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4020-4026.	1.8	30
190	Androgen-Receptor Blockade Enhances Pulsatile Luteinizing Hormone Production in Late Pubertal Males: Evidence for a Hypothalamic Site of Physiologic Androgen Feedback Action. Pediatric Research, 1994, 35, 102-106.	1.1	29
191	Testosterone Blunts Feedback Inhibition of Growth Hormone Secretion by Experimentally Elevated Insulin-Like Growth Factor-I Concentrations. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1613-1617.	1.8	29
192	Thyrotropin Secretion by Thyrotropinomas Is Characterized by Increased Pulse Frequency, Delayed Diurnal Rhythm, Enhanced Basal Secretion, Spikiness, and Disorderliness. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4052-4057.	1.8	29
193	Synergy of<scp>l</scp>-arginine and growth hormone (GH)-releasing peptide-2 on GH release: influence of gender. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R1455-R1466.	0.9	28
194	Intensive Direct Cavernous Sinus Sampling Identifies High-Frequency, Nearly Random Patterns of FSH Secretion in Ovariectomized Ewes: Combined Appraisal by RIA and Bioassay. Endocrinology, 2002, 143, 117-129.	1.4	28
195	Sex-Steroid Control of the Aging Somatotropic Axis. Endocrinology and Metabolism Clinics of North America, 2005, 34, 877-893.	1.2	28
196	Thyrotropin Secretion in Healthy Subjects Is Robust and Independent of Age and Gender, and Only Weakly Dependent on Body Mass Index. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 570-578.	1.8	28
197	In VivoBiological Validation and Biophysical Modeling of the Sensitivity and Positive Accuracy of Endocrine Peak Detection. II. The Follicle-Stimulating Hormone Pulse Signal*. Endocrinology, 1991, 128, 2008-2014.	1.4	27
198	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. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6251-6256.	1.8	27

#	Article	IF	Citations
199	Assessing Temporal Coupling between Two or among Three or More Neuroendocrine Pulse Trains. Methods in Neurosciences, 1994, 20, 336-376.	0.5	27
200	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 Individuals1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1248-1254.	1.8	26
201	Comparison of Pulsatile Luteinizing Hormone Secretion Between Prepubertal Children and Young Adults: Evidence for a Mass/Amplitude-Dependent Difference Without Gender or Day/Night Contrasts1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2950-2955.	1.8	26
202	High-frequency oscillations in circulating amylin concentrations in healthy humans. American Journal of Physiology - Endocrinology and Metabolism, 2000, 278, E484-E490.	1.8	26
203	Dual Secretagogue Drive of Burst-Like Growth Hormone Secretion in Postmenopausal Compared with Premenopausal Women Studied under an Experimental Estradiol Clamp. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4746-4754.	1.8	26
204	Profound amplification of secretory-burst mass and anomalous regularity of ACTH secretory process in patients with Nelson's syndrome compared with Cushing's disease. Clinical Endocrinology, 2004, 60, 765-772.	1.2	26
205	Diminished and Irregular Thyrotropin Secretion with Preserved Diurnal Rhythm in Patients with Active Acromegaly. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1945-1950.	1.8	26
206	Variability of pulsatile luteinizing hormone secretion in young male volunteers. European Journal of Endocrinology, 1994, 131, 263-272.	1.9	25
207	[7] Model-independent quantification of measurement error: Empirical estimation of discrete variance function profiles based on standard curves. Methods in Enzymology, 1994, 240, 121-150.	0.4	25
208	Basal, Pulsatile, Entropic, and 24-Hour Rhythmic Features of Secondary Hyperprolactinemia Due to Functional Pituitary Stalk Disconnection Mimic Tumoral (Primary) Hyperprolactinemia. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1562-1567.	1.8	25
209	Pulsatile Intravenous Infusion of Recombinant Human Luteinizing Hormone under Acute Gonadotropin-Releasing Hormone Receptor Blockade Reconstitutes Testosterone Secretion in Young Men. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4474-4479.	1.8	25
210	Pituitary and/or Peripheral Estrogen-Receptor Î± Regulates Follicle-Stimulating Hormone Secretion, Whereas Central Estrogenic Pathways Direct Growth Hormone and Prolactin Secretion in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 951-958.	1.8	25
211	Probabilistic recovery of neuroendocrine pulsatile, secretory and kinetic structure: An alternating discrete and continuous scheme. Quarterly of Applied Mathematics, 2008, 66, 401-421.	0.5	25
212	Glucose ingestion acutely lowers pulsatile LH and basal testosterone secretion in men. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E724-E730.	1.8	25
213	Mechanisms that subserve estradiol's induction of increased prolactin concentrations: Evidence of amplitude modulation of spontaneous prolactin secretory bursts. American Journal of Obstetrics and Gynecology, 1989, 161, 1149-1158.	0.7	24
214	Apparently Complete Restoration of Normal Daily Adrenocorticotropin, Cortisol, Growth Hormone, and Prolactin Secretory Dynamics in Adults with Cushingâ€™s Disease after Clinically Successful Transsphenoidal Adenomectomy. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4039-4046.	1.8	24
215	PTH Pulsatility but Not Calcium Sensitivity Is Restored after Total Parathyroidectomy with Heterotopic Autotransplantation. Journal of the American Society of Nephrology: JASN, 2003, 14, 407-414.	3.0	24
216	Distinctive Inhibitory Mechanisms of Age and Relative Visceral Adiposity on Growth Hormone Secretion in Pre- and Postmenopausal Women Studied under a Hypogonadal Clamp. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6006-6013.	1.8	24

#	Article	IF	Citations
217	Tripartite Control of Dynamic ACTH-Cortisol Dose Responsiveness by Age, Body Mass Index, and Gender in 111 Healthy Adults. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2874-2881.	1.8	24
218	Estradiol regulates GH-releasing peptide's interactions with GH-releasing hormone and somatostatin in postmenopausal women. European Journal of Endocrinology, 2014, 170, 121-129.	1.9	24
219	Pulsatility of Hypothalamo-Pituitary Hormones: A Challenge in Quantification. Physiology, 2016, 31, 34-50.	1.6	24
220	Proposed Mechanisms of Sex-Steroidâ€" Hormone Neuromodulation of the Human GHâ€"IGF-I Axis. , 1999, , 93-121.		24
221	Estimation of frequently sampled nocturnal melatonin production in humans by deconvolution analysis: Evidence for episodic or ultradian secretion. Journal of Pineal Research, 1999, 27, 139-144.	3.4	23
222	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. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 6325-6330.	1.8	23
223	Administration of recombinant human GHRH-1,44-amide for 3 months reduces abdominal visceral fat mass and increases physical performance measures in postmenopausal women. European Journal of Endocrinology, 2005, 153, 669-677.	1.9	23
224	Age and Testosterone Feedback Jointly Control the Dose-Dependent Actions of Gonadotropin-Releasing Hormone in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 302-309.	1.8	23
225	Long-term testosterone supplementation augments overnight growth hormone secretion in healthy older men. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E769-E775.	1.8	23
226	Acute Effects of Testosterone Infusion on the Serum Luteinizing Hormone Profile in Eumenorrheic and Polycystic Ovary Syndrome Adolescents. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3602-3610.	1.8	23
227	Systems-Level Analysis of Physiological Regulatory Interactions Controlling Complex Secretory Dynamics of the Growth Hormone Axis: A Dynamical Network Model. Methods in Neurosciences, 1995, , 270-310.	0.5	22
228	Interactive Regulation of Postmenopausal Growth Hormone Insulin-Like Growth Factor Axis by Estrogen and Growth Hormone-Releasing Peptide-2. Endocrine, 2001, 14, 045-062.	2.2	22
229	Sex-Steroid Modulation of Growth Hormone (GH) Secretory Control: Three-Peptide Ensemble Regulation Under Dual Feedback Restraint by GH and IGF-I. Endocrine, 2003, 22, 25-40.	2.2	22
230	Exaggerated 17-hydroxyprogesterone response to intravenous infusions of recombinant human LH in women with polycystic ovary syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E902-E908.	1.8	22
231	Determinants of Dual Secretagogue Drive of Burst-Like Growth Hormone Secretion in Premenopausal Women Studied under a Selective Estradiol Clamp. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1741-1751.	1.8	22
232	Disordered Adrenocorticotropin Secretion in Women with Major Depression. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1924-1928.	1.8	22
233	Neurokinin 3 receptor antagonism decreases gonadotropin and testosterone secretion in healthy men. Clinical Endocrinology, 2017, 87, 748-756.	1.2	22
234	Synthetic Somatostatin Analog (Octreotide) Suppresses Daytime Growth Hormone Secretion Equivalently in Young and Older Men: Preserved Pituitary Responsiveness to Somatostatin's Inhibition in Aging. Journal of the American Geriatrics Society, 1999, 47, 1422-1424.	1.3	21

#	Article	IF	Citations
235	Hypophyseal-Portal Somatostatin (SRIH) and Jugular Venous Growth Hormone Secretion in the Conscious Unrestrained Ewe. Neuroendocrinology, 2002, 75, 83-91.	1.2	21
236	Twenty-Four Hour Continuous Ghrelin Infusion Augments Physiologically Pulsatile, Nycthemeral, and Entropic (Feedback-Regulated) Modes of Growth Hormone Secretion. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3597-3603.	1.8	21
237	Nature of Altered Pulsatile Hormone Release and Neuroendocrine Network Signalling in Human Ageing: Clinical Studies of the Somatotropic, Gonadotropic, Corticotropic and Insulin Axes. Novartis Foundation Symposium, 2008, 227, 163-189.	1.2	21
238	Kinetics of removal of intravenous testosterone pulses in normal men. European Journal of Endocrinology, 2010, 162, 787-794.	1.9	21
239	A super-agonist of growth hormoneâ€"releasing hormone causes rapid improvement of nutritional status in patients with chronic kidney disease. Kidney International, 2010, 77, 450-458.	2.6	21
240	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. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 6291-6296.	1.8	20
241	Appraising the Instantaneous Secretory Rates of Luteinizing Hormone and Testosterone in Response to Selective Mu Opiate Receptor Blockade in Late Pubertal Boys. Journal of Andrology, 1987, 8, 203-209.	2.0	19
242	Growth hormone and prolactin are secreted more irregularly in patients with Cushing's disease. Clinical Endocrinology, 2000, 52, 625-632.	1.2	19
243	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. Clinical Endocrinology, 2002, 56, 79-87.	1.2	19
244	Contrasting Negative-Feedback Control of Endogenously Driven and Exercise-Stimulated Pulsatile Growth Hormone Secretion in Women and Men. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 840-846.	1.8	19
245	Erosion of Endogenous Testosterone-Driven Negative Feedback on Pulsatile Luteinizing Hormone Secretion in Healthy Aging Men. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5753-5761.	1.8	19
246	Joint Mechanisms of Impaired Growth-Hormone Pulse Renewal in Aging Men. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4177-4183.	1.8	19
247	Ghrelin Potentiates Growth Hormone Secretion Driven by Putative Somatostatin Withdrawal and Resists Inhibition by Human Corticotropin-Releasing Hormone. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2441-2446.	1.8	19
248	Quantifying Nonlinear Interactions within the Hypothalamo-Pituitary-Adrenal Axis in the Conscious Horse. Endocrinology, 2009, 150, 1941-1951.	1.4	19
249	Diminished adrenal sensitivity and ACTH efficacy in obese premenopausal women. European Journal of Endocrinology, 2012, 167, 633-642.	1.9	19
250	Pulsatile Cortisol Feedback on ACTH Secretion Is Mediated by the Glucocorticoid Receptor and Modulated by Gender. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4094-4102.	1.8	19
251	Antenatal Glucocorticoids Modulate the Amplitude of Pulsatile Cortisol Secretion in Premature Neonates. Pediatric Research, 1998, 44, 876-881.	1.1	19
252	Effects of Fasting on Physiologically Pulsatile Insulin Release in Healthy Humans. Diabetes, 2002, 51, S255-S257.	0.3	18

#	Article	IF	Citations
253	A Tripeptidyl Ensemble Perspective of Interactive Control of Growth Hormone Secretion. Hormone Research in Paediatrics, 2003, 60, 86-101.	0.8	18
254	Short-Term Testosterone Supplementation Relieves Growth Hormone Autonegative Feedback in Men. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1285-1290.	1.8	18
255	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. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2768-2774.	1.8	18
256	Relative effects of estrogen, age, and visceral fat on pulsatile growth hormone secretion in healthy women. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E367-E374.	1.8	18
257	Immunological and Mass Spectrometric Assays of SHBG: Consistent and Inconsistent Metabolic Associations in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 184-193.	1.8	18
258	A possible role for endogenous opioids in the control of prolactin and luteinizing-hormone secretion in the human. Journal of Endocrinological Investigation, 1981, 4, 31-36.	1.8	17
259	Alterations in the Pulsatile Properties of Gonadotropin Secretion in Alcoholic Men. Journal of Andrology, 1988, 9, 207-214.	2.0	17
260	Dose-response downregulation within the span of single interpulse intervals. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R11-R18.	0.9	17
261	Analytical construct of reversible desensitization of pituitary-testicular signaling: illustrative application in aging. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R349-R360.	0.9	17
262	Dapagliflozin restores insulin and growth hormone secretion in obese mice. Journal of Endocrinology, 2020, 245, 1-12.	1.2	17
263	[17] Testing pulse detection algorithms with simulations of episodically pulsatile substrate, metabolite, or hormone release. Methods in Enzymology, 1994, 240, 377-415.	0.4	16
264	Glucose Relays Information Regarding Nutritional Status to the Neural Circuits That Control the Somatotropic, Corticotropic, and Gonadotropic Axes in Adult Male Rhesus Macaques. Endocrinology, 2002, 143, 403-410.	1.4	16
265	Control of LH secretory-burst frequency and interpulse-interval regularity in women. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E938-E948.	1.8	16
266	Age-specific changes in the regulation of LH-dependent testosterone secretion: assessing responsiveness to varying endogenous gonadotropin output in normal men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R721-R728.	0.9	16
267	Increased basal and pulsatile secretion of FSH and LH in young men with 47,XXY or 46,XX karyotypes.. European Journal of Endocrinology, 2008, 158, 803-810.	1.9	16
268	Noninvasive Analytical Estimation of Endogenous GnRH Drive: Analysis Using Graded Competitive GnRH-Receptor Antagonism and a Calibrating Pulse of Exogenous GnRH. Endocrinology, 2011, 152, 4882-4893.	1.4	16
269	Dynamic testosterone responses to near-physiological LH pulses are determined by the time pattern of prior intravenous LH infusion. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E720-E728.	1.8	16
270	The Effect of Longâ€Term: Opiate Antagonist Administration to Pubertal Boys. Journal of Andrology, 1987, 8, 374-377.	2.0	15

#	Article	IF	Citations
271	[16] 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. Methods in Enzymology, 1994, 240, 349-377.	0.4	15
272	Realistic Emulation of Highly Irregular Temporal Patterns of Hormone Release: A Computer-Based Pulse Simulator. Methods in Neurosciences, 1995, , 220-243.	0.5	15
273	Explicating hypergonadotropism in postmenopausal women: a statistical model. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 278, R1247-R1257.	0.9	15
274	Age or Factors Associated with Aging Attenuate Testosteroneâ€™s Concentration-Dependent Enhancement of the Regularity of Luteinizing Hormone Secretion in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4077-4084.	1.8	15
275	Pre-VersusPostmenopausal Age, Estradiol, and Peptide-Secretagogue Type Determine Pulsatile Growth Hormone Secretion in Healthy Women: Studies Using Submaximal Agonist Drive and an Estrogen Clamp. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 353-360.	1.8	15
276	Glucose Ingestion Selectively Amplifies ACTH and Cortisol Secretory-Burst Mass and Enhances Their Joint Synchrony in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2882-2888.	1.8	15
277	Mild pituitary phenotype in 3- and 12-month-old Aip-deficient male mice. Journal of Endocrinology, 2016, 231, 59-69.	1.2	15
278	Deficient melanocortin-4 receptor causes abnormal reproductive neuroendocrine profile in female mice. Reproduction, 2017, 153, 267-276.	1.1	15
279	Hypothalamo-pituitary-adrenal axis after a single epidural triamcinolone injection. Endocrine, 2017, 57, 308-313.	1.1	15
280	Three-peptide control of pulsatile and entropic feedback-sensitive modes of growth hormone secretion: modulation by estrogen and aromatizable androgen. Journal of Pediatric Endocrinology and Metabolism, 2003, 16 Suppl 3, 587-605.	0.4	15
281	Age and Secretagogue Type Jointly Determine Dynamic Growth Hormone Responses to Exogenous Insulin-Like Growth Factor-Negative Feedback in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5542-5548.	1.8	14
282	Experimentally Induced Androgen Depletion Accentuates Ethnicity-Related Contrasts in Luteinizing Hormone Secretion in Asian and Caucasian Men. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1632-1638.	1.8	14
283	Age-dependent regression analysis of male gonadal axis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1215-R1227.	0.9	14
284	Pituitary-hormone secretion by thyrotropinomas. Pituitary, 2009, 12, 200-210.	1.6	14
285	A Pegylated Growth Hormone Receptor Antagonist, Pegvisomant, Does Not Enter the Brain in Humans. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3844-3847.	1.8	14
286	Sex Steroids, GHRH, Somatostatin, IGF-I, and IGFBP-1 Modulate Ghrelin's Dose-Dependent Drive of Pulsatile GH Secretion in Healthy Older Men. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 4753-4760.	1.8	14
287	Aromatized Estrogens Amplify Nocturnal Growth Hormone Secretion in Testosterone-Replaced Older Hypogonadal Men. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4419-4427.	1.8	14
288	Temporal coupling among luteinizing hormone, follicle stimulating hormone, Î²-endorphin and cortisol pulse episodes in vivo. European Journal of Endocrinology, 1992, 126, 193-200.	1.9	13

#	Article	IF	Citations
289	Statistically accurate estimation of hormone concentrations and associated uncertainties: methodology, validation, and applications. Clinical Chemistry, 1998, 44, 116-123.	1.5	13
290	Joint synchrony of reciprocal hormonal signaling in human paradigms of both ACTH excess and cortisol depletion. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E160-E165.	1.8	13
291	Gender Modulates Sequential Suppression and Recovery of Pulsatile Growth Hormone Secretion by Physiological Feedback Signals in Young Adults. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2874-2881.	1.8	13
292	Complementary Secretagogue Pairs Unmask Prominent Gender-Related Contrasts in Mechanisms of Growth Hormone Pulse Renewal in Young Adults. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2225-2232.	1.8	13
293	Gender, Sex-Steroid, and Secretagogue-Selective Recovery from Growth Hormone-Induced Feedback in Older Women and Men. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2540-2547.	1.8	13
294	Age disrupts androgen receptor-modulated negative feedback in the gonadal axis in healthy men. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E675-E682.	1.8	12
295	Corticotropic axis drive of overnight cortisol secretion is suppressed in adolescents and young adults with type 1 diabetes mellitus. Pediatric Diabetes, 2014, 15, 444-452.	1.2	12
296	Circadian rhythms of 11-oxygenated C19 steroids and âˆ†5-steroid sulfates in healthy men. European Journal of Endocrinology, 2021, 185, K1-K6.	1.9	12
297	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. , 0, .		12
298	Multihormonal regulation of ornithine decarboxylase activity in highly differentiated porcine granulosa cells in vitro. Journal of Cellular Physiology, 1981, 108, 213-220.	2.0	11
299	Determinants of GH-releasing hormone and GH-releasing peptide synergy in men. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1085-E1092.	1.8	11
300	Regulation of Complex Pulsatile and Rhythmic Neuroendocrine Systems: the Male Gonadal Axis as a Prototype. Progress in Brain Research, 2010, 181, 79-110.	0.9	11
301	Age in Men Does Not Determine Gonadotropin-Releasing Hormoneâ€™s Dose-Dependent Stimulation of Luteinizing Hormone Secretion under an Exogenous Testosterone Clamp. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2877-2884.	1.8	11
302	Endogenous ACTH Concentration-Cortisol Secretion Dose Analysis Unmasks Decreased ACTH Potency in Cushing's Disease with Restoration after Successful Pituitary Adenomectomy. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3768-3774.	1.8	11
303	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. Metabolism: Clinical and Experimental, 2017, 69, 143-147.	1.5	11
304	Effects of Glucagon-like Peptide-1 on the Reproductive Axis in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1119-1125.	1.8	11
305	Clamping Cortisol and Testosterone Mitigates the Development of Insulin Resistance during Sleep Restriction in Men. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3436-e3448.	1.8	11
306	Rhythmic and Nonrhythmic Modes of Anterior Pituitary Gland Secretion. Chronobiology International, 1992, 9, 371-379.	0.9	10

#	Article	IF	Citations
307	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. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1953-1960.	1.8	10
308	Aging-Related Adaptations in the Corticotropic Axis: Modulation by Gender. Endocrinology and Metabolism Clinics of North America, 2005, 34, 993-1014.	1.2	10
309	Pubertal alterations in growth and body composition: IX. Altered spontaneous secretion and metabolic clearance of growth hormone in overweight youth. Metabolism: Clinical and Experimental, 2005, 54, 1374-1383.	1.5	10
310	Estradiol Supplementation in Postmenopausal Women Attenuates Suppression of Pulsatile Growth Hormone Secretion by Recombinant Human Insulin-like Growth Factor Type I. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4471-4478.	1.8	10
311	Testosterone Supplementation in Older Men Restrains Insulin-Like Growth Factorâ€™s Dose-Dependent Feedback Inhibition of Pulsatile Growth Hormone Secretion. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 246-254.	1.8	10
312	Analysis of the impact of intravenous LH pulses versus continuous LH infusion on testosterone secretion during GnRH-receptor blockade. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R994-R1002.	0.9	10
313	Age and time-of-day differences in the hypothalamoâ€“pituitaryâ€“testicular, and adrenal, response to total overnight sleep deprivation. Sleep, 2020, 43, .	0.6	10
314	Effects of Acute ACE Inhibition on Pulsatile Renin and Aldosterone Secretion and Their Synchrony. Hypertension, 1998, 32, 929-934.	1.3	9
315	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. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4581-4587.	1.8	9
316	Hypocortisolemic clamp unmasks jointly feedforward- and feedback-dependent control of overnight ACTH secretion. European Journal of Endocrinology, 2008, 159, 561-568.	1.9	9
317	Effects of Testosterone Administration on Nocturnal Cortisol Secretion in Healthy Older Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 1185-1192.	1.7	9
318	Logistic model of glucose-regulated C-peptide secretion: hysteresis pathway disruption in impaired fasting glycemia. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E397-E409.	1.8	9
319	Distinct Metabolic Surrogates Predict Basal and Rebound GH Secretion after Glucose Ingestion in Men. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2172-2179.	1.8	9
320	Hormone Secretion by Pituitary Adenomas Is Characterized by Increased Disorderliness and Spikiness but More Regular Pulsing. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3836-3844.	1.8	9
321	Impact of Adiposity and Fat Distribution on the Dynamics of Adrenocorticotropin and Cortisol Rhythms. Current Obesity Reports, 2014, 3, 387-395.	3.5	9
322	Short-Term Estradiol Supplementation Potentiates Low-Dose Ghrelin Action in the Presence of GHRH or Somatostatin in Older Women. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E73-E80.	1.8	9
323	Regulation and adaptation of endocrine axes at high altitude. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E297-E309.	1.8	9
324	Effect of Growth Hormone Secretagogue Receptor Deletion on Growth, Pulsatile Growth Hormone Secretion, and Meal Pattern in Male and Female Mice. Neuroendocrinology, 2022, 112, 215-234.	1.2	9

#	Article	IF	Citations
325	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. FASEB Journal, 2021, 35, e21269.	0.2	9
326	Nature of Alpha Subunit Secretion in Men: Circadian Rhythms, Pulsatile Release and Secretory Profiles. Journal of Andrology, 1989, 10, 248-258.	2.0	8
327	A noninvasive measure of negative-feedback strength, approximate entropy, unmasks strong diurnal variations in the regularity of LH secretion. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1409-E1415.	1.8	8
328	Optimizing Blood Sampling Protocols in Patients With Acromegaly for the Estimation of Growth Hormone Secretion. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2675-2682.	1.8	8
329	Endogenous Estrogen Regulates Somatostatin-Induced Rebound GH Secretion in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4298-4304.	1.8	8
330	Effects of Toremifene, a Selective Estrogen Receptor Modulator, on Spontaneous and Stimulated GH Secretion, IGF-I, and IGF-Binding Proteins in Healthy Elderly Subjects. Journal of the Endocrine Society, 2018, 2, 154-165.	0.1	8
331	Pregnancy, but not dietary octanoic acid supplementation, stimulates the ghrelin-pituitary growth hormone axis in mice. Journal of Endocrinology, 2020, 245, 327-342.	1.2	8
332	Daily Low-Dose Administration of Growth Hormone Secretagogue Stimulates Pulsatile Growth Hormone Secretion and Elevates Plasma Insulin-like Growth Factor-1 Levels in Pigs. Endocrine, 2001, 16, 195-200.	2.2	7
333	Receptor-Mediated Interlinked Systems, Mathematical Modeling of. , 2003, , 286-294.		7
334	Neuroendocrine facets of human puberty. Neurobiology of Aging, 2003, 24, S93-S119.	1.5	7
335	Putative Somatostatin Suppression Potentiates Adrenocorticotropin Secretion Driven by Ghrelin and Human Corticotropin-Releasing Hormone. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3653-3659.	1.8	7
336	Estimation of the size and shape of GH secretory bursts in healthy women using a physiological estradiol clamp and variable-waveform deconvolution model. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1013-R1021.	0.9	7
337	Testosteroneâ€™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. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3978-3986.	1.8	7
338	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. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2137-2143.	1.8	7
339	Altered multihormone synchrony in obese patients with polycystic ovary syndrome. Metabolism: Clinical and Experimental, 2011, 60, 1227-1233.	1.5	7
340	Complex regulation of GH autofeedback under dual-peptide drive: studies under a pharmacological GH and sex steroid clamp. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E1158-E1165.	1.8	7
341	Modelling the nonlinear time dynamics of multidimensional hormonal systems. Journal of Time Series Analysis, 2012, 33, 779-796.	0.7	7
342	Gender determines ACTH recovery from hypercortisolemia in healthy older humans. Metabolism: Clinical and Experimental, 2013, 62, 1819-1829.	1.5	7

#	Article	IF	Citations
343	Immunologic and mass-spectrometric estimates of SHBG concentrations in healthy women. Metabolism: Clinical and Experimental, 2014, 63, 783-792.	1.5	7
344	Multipathway modulation of exercise and glucose stress effects upon GH secretion in healthy men. Metabolism: Clinical and Experimental, 2015, 64, 1022-1030.	1.5	7
345	Differential Effects of Estradiol and Progesterone on Cardiovascular Risk Factors in Postmenopausal Women. Journal of the Endocrine Society, 2018, 2, 794-805.	0.1	7
346	Hypothalamo-Pituitary Unit, Testis, and Male Accessory Organs. , 2019, , 285-300.e8.		7
347	Dynamic Interactions Between LH and Testosterone in Healthy Community-Dwelling Men: Impact of Age and Body Composition. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e628-e641.	1.8	7
348	Estimation of growth hormone secretion rate: impact of kinetic assumptions intrinsic to the analytical approach. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R225-R232.	0.9	6
349	Short-term testosterone supplementation does not activate GH and IGF-I production in postmenopausal women. Clinical Endocrinology, 2005, 63, 32-38.	1.2	6
350	Tripartite Control of Growth Hormone Secretion in Women during Controlled Estradiol Repletion. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2336-2345.	1.8	6
351	Growth hormone (GH) secretion, GH-dependent gene expression, and sexually dimorphic body growth in young rats with chronic renal failure. Endocrine, 2008, 33, 323-330.	1.1	6
352	The Role of Growth Hormone Secretagogues and Ghrelin in Feeding and Body Composition. , 2007, , 125-154.		6
353	Oscillations in joint synchrony of reproductive hormones in healthy men. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E1163-E1173.	1.8	6
354	Model-Based Evaluation of Growth Hormone Secretion. Methods in Enzymology, 2012, 514, 231-248.	0.4	6
355	Determining the relationship between hot flushes and LH pulses in menopausal women using mathematical modelling. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3628-3636.	1.8	6
356	Enhanced Coupling Within Gonadotropic and Adrenocorticotropic Axes by Moderate Exercise in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2482-2490.	1.8	6
357	Peripheral estrogen receptor-Î± selectively modulates the waveform of GH secretory bursts in healthy women. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1514-R1521.	0.9	5
358	Secretagogues govern GH secretory-burst waveform and mass in healthy eugonadal and short-term hypogonadal men. European Journal of Endocrinology, 2008, 159, 547-554.	1.9	5
359	Gonadal Status and Body Mass Index Jointly Determine Growth Hormone (GH)-Releasing Hormone/GH-Releasing Peptide Synergy in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 944-950.	1.8	5
360	Preservation of GHRH and GH-releasing peptide-2 efficacy in young men with experimentally induced hypogonadism. European Journal of Endocrinology, 2009, 161, 293-300.	1.9	5

#	Article	IF	Citations
361	Impaired adrenergic- and corticotropic-axis outflow during exercise in chronic obstructive pulmonary disease. Metabolism: Clinical and Experimental, 2011, 60, 1521-1529.	1.5	5
362	Lifetime Regulation of Growth Hormone (GH) Secretion. , 2012, , 237-257.		5
363	An Ensemble Perspective of Aging-Related Hypoandrogenemia in Men. , 2017, , 325-347.		5
364	Neurokinin 3 Receptor Antagonists Do Not Increase FSH or Estradiol Secretion in Menopausal Women. Journal of the Endocrine Society, 2020, 4, bvz009.	0.1	5
365	An Ensemble Perspective of Aging-Related Hypoandrogenemia in Men. , 2004, , 263-286.		5
366	Computer Algorithms for Deconvolution-Based Assessment of in Vivo Neuroendocrine Secretory Events. Methods in Neurosciences, 1992, , 241-277.	0.5	5
367	Evaluation of LH secretory dynamics during the rat proestrous LH surge. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R219-R225.	0.9	4
368	Analysis of nonequilibrium facets of pulsatile sex-steroid secretion in presence of plasma-binding proteins. Methods in Enzymology, 2000, 321, 239-263.	0.4	4
369	Biochemistry of the Growth Hormone-Releasing Peptides, Secretagogues and Ghrelin. , 2006, , 219-234.		4
370	The Hypothalamo-Pituitary Unit, Testes, and Male Accessory Organs. , 2009, , 283-298.		4
371	Regulated recovery of pulsatile growth hormone secretion from negative feedback: a preclinical investigation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1143-R1152.	0.9	4
372	Interleukins 6 and 8 and abdominal fat depots are distinct correlates of lipid moieties in healthy pre- and postmenopausal women. Endocrine, 2016, 54, 671-680.	1.1	4
373	Regulation of Pulsatile and Entropic ACTH Secretion Under Fixed Exogenous Secretagogue Clamps. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2611-2619.	1.8	4
374	Feedback on LH in Testosterone-Clamped Men Depends on the Mode of Testosterone Administration and Body Composition. Journal of the Endocrine Society, 2019, 3, 235-249.	0.1	4
375	Differential pulsatile secretagogue control of GH secretion in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R712-R719.	0.9	3
376	Modulating Effects of Progesterone on Spontaneous Nocturnal and Ghrelin-Induced GH Secretion in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2385-2394.	1.8	3
377	A novel measure of glucose homeostasis (or loss thereof) comprising the joint dynamics of glucose, insulin, glucagon, and cortisol. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E998-E1011.	1.8	3
378	Effects of Peptide YY on the Hypothalamic-Pituitary-Gonadal Axis in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 833-838.	1.8	3

#	Article	IF	Citations
379	Acute Effects of Glucagon on Reproductive Hormone Secretion in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1899-1905.	1.8	3
380	Suppression of hyperinsulinemia restores growth hormone secretion and metabolism in obese mice. Journal of Endocrinology, 2021, 250, 105-116.	1.2	3
381	Interleukin-2 drives cortisol secretion in an age-, dose-, and body composition-dependent way. Endocrine Connections, 2020, 9, 637-648.	0.8	3
382	Methods for Validating Deconvolution Analysis of Pulsatile Hormone Release: Luteinizing Hormone as a Paradigm. Methods in Neurosciences, 1995, 28, 109-129.	0.5	2
383	Factors Other than Sex Steroids Modulate GHRH and GHRP-2 Efficacies in Men: Evaluation Using a GnRH Agonist/Testosterone Clamp. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2544-2550.	1.8	2
384	Secretagogue type, sex-steroid milieu, and abdominal visceral adiposity individually determine secretagogue-stimulated cortisol secretion. European Journal of Endocrinology, 2010, 162, 1043-1049.	1.9	2
385	Overnight ACTH-cortisol dose responsiveness: comparison with 24-h data, metyrapone administration and insulin-tolerance test in healthy adults. Clinical Endocrinology, 2011, 75, 596-601.	1.2	2
386	Ghrelin: A History of Its Discovery. , 2012, , 1-35.		2
387	Estradiol Does Not Influence Lipid Measures and Inflammatory Markers in Testosterone-Clamped Healthy Men. Journal of the Endocrine Society, 2018, 2, 882-892.	0.1	2
388	Utility of Ultrasensitive Growth Hormone Assays in Assessing Aging-Related Hyposomatotropism. Endocrinology and Metabolism Clinics of North America, 2005, 34, 853-864.	1.2	1
389	Single and Combined Effects of Growth Hormone and Testosterone in Healthy Older Men. Hormone Research in Paediatrics, 2006, 66, 49-57.	0.8	1
390	Regulation of basal, pulsatile, and entropic (patterned) modes of GH secretion in a putatively low-somatostatin milieu in women. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E483-E489.	1.8	1
391	Estrogen-Like Potentiation of Ghrelin-Stimulated GH Secretion by Fulvestrant, a Putatively Selective ER Antagonist, in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2557-E2564.	1.8	1
392	The Hypothalamo-Pituitary Unit, Testis, and Male Accessory Organs. , 2014, , 272-286.e8.		1
393	Relationship Between Exercise and Growth Hormone Neuroendocrine Function. Rejuvenation Research, 2002, 5, 15-25.	0.2	0
394	Interleukin-2 Transiently Inhibits Pulsatile Growth Hormone Secretion in Young but not Older Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2855-2864.	1.8	0