Leon S Farhy

List of Publications by Year
in descending order

23 papers	822 citations	623734 14 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	838 citing authors

#	Article	IF	Citations
1	Influence of Sleep Stage on LH Pulse Initiation in the Normal Late Follicular Phase and in Polycystic Ovary Syndrome. Neuroendocrinology, 2018, 107, 60-72.	2.5	11
2	Age-Dependent Decline in Acyl-Ghrelin Concentrations and Reduced Association of Acyl-Ghrelin and Growth Hormone in Healthy Older Adults. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 602-608.	3.6	46
3	Four-Hour Infusion of Hydrocortisone Does Not Suppress the Nocturnal Increase of Circulating Acyl- or Desacyl-Ghrelin Concentrations in Healthy Young Adults. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1696-E1700.	3.6	4
4	Association of Basal Hyperglucagonemia with Impaired Glucagon Counterregulation in Type 1 Diabetes. Frontiers in Physiology, 2012, 3, 40.	2.8	5
5	Validation of a Deconvolution Procedure (AutoDecon) for Identification and Characterization of Fasting Insulin Secretory Bursts. Journal of Diabetes Science and Technology, 2010, 4, 1205-1213.	2.2	7
6	System-Level Control to Optimize Glucagon Counterregulation by Switch-Off of Î±-Cell Suppressing Signals in Î²-Cell Deficiency. Journal of Diabetes Science and Technology, 2009, 3, 21-33.	2.2	7
7	Chapter 14 Biomathematical Modeling of Pulsatile Hormone Secretion. Methods in Enzymology, 2009, 454, 345-366.	1.0	27
8	Chapter 15 AutoDecon. Methods in Enzymology, 2009, 454, 367-404.	1.0	42
9	Chapter 21 Pancreatic Network Control of Glucagon Secretion and Counterregulation. Methods in Enzymology, 2009, 467, 547-581.	1.0	9
10	AutoDecon, a deconvolution algorithm for identification and characterization of luteinizing hormone secretory bursts: Description and validation using synthetic data. Analytical Biochemistry, 2008, 381, 8-17.	2.4	53
11	Amplification of pulsatile glucagon counterregulation by switch-off of Î±-cell-suppressing signals in streptozotocin-treated rats. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E575-E585.	3.5	17
12	Evidence for Acyl-Ghrelin Modulation of Growth Hormone Release in the Fed State. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1988-1994.	3.6	84
13	Chapter Thirteen Identifying Small Pulsatile Signals within Noisy Data. Methods in Enzymology, 2008, 450, 273-286.	1.0	0
14	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.	1.8	35
15	Tripartite Control of Growth Hormone Secretion in Women during Controlled Estradiol Repletion. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2336-2345.	3.6	6
16	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.	1.8	40
17	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.	3.6	24
18	Modeling of Oscillations in Endocrine Networks with Feedback. Methods in Enzymology, 2004, 384, 54-81.	1.0	89

#	Article	IF	Citations
19	Sample Asymmetry Analysis of Heart Rate Characteristics with Application to Neonatal Sepsis and Systemic Inflammatory Response Syndrome. Pediatric Research, 2003, 54, 892-898.	2.3	125
20	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.	1.8	41
21	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.	1.8	52
22	Risk Analysis of Blood Glucose Data: A Quantitative Approach to Optimizing the Control of Insulin Dependent Diabetes. Journal of Theoretical Medicine, 2000, 3, 1-10.	0.5	92
23	Dynamic network model of glucose counterregulation in subjects with insulin-requiring diabetes. Methods in Enzymology, 2000, 321, 396-410.	1.0	6