

# Leon S Farhy

## List of Publications by Year in descending order

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23  
papers

822  
citations

623188

14  
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676716

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23  
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23  
docs citations

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times ranked

838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sample Asymmetry Analysis of Heart Rate Characteristics with Application to Neonatal Sepsis and Systemic Inflammatory Response Syndrome. <i>Pediatric Research</i> , 2003, 54, 892-898.	1.1	125
2	Risk Analysis of Blood Glucose Data: A Quantitative Approach to Optimizing the Control of Insulin Dependent Diabetes. <i>Journal of Theoretical Medicine</i> , 2000, 3, 1-10.	0.5	92
3	Modeling of Oscillations in Endocrine Networks with Feedback. <i>Methods in Enzymology</i> , 2004, 384, 54-81.	0.4	89
4	Evidence for Acyl-Ghrelin Modulation of Growth Hormone Release in the Fed State. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 1988-1994.	1.8	84
5	AutoDecon, a deconvolution algorithm for identification and characterization of luteinizing hormone secretory bursts: Description and validation using synthetic data. <i>Analytical Biochemistry</i> , 2008, 381, 8-17.	1.1	53
6	A construct of interactive feedback control of the GH axis in the male. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R38-R51.	0.9	52
7	Age-Dependent Decline in Acyl-Ghrelin Concentrations and Reduced Association of Acyl-Ghrelin and Growth Hormone in Healthy Older Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 602-608.	1.8	46
8	Chapter 15 AutoDecon. <i>Methods in Enzymology</i> , 2009, 454, 367-404.	0.4	42
9	Unequal autonegative feedback by GH models the sexual dimorphism in GH secretory dynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R753-R764.	0.9	41
10	Deterministic construct of amplifying actions of ghrelin on pulsatile growth hormone secretion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R1649-R1663.	0.9	40
11	Model-projected mechanistic bases for sex differences in growth hormone regulation in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R1577-R1593.	0.9	35
12	Chapter 14 Biomathematical Modeling of Pulsatile Hormone Secretion. <i>Methods in Enzymology</i> , 2009, 454, 345-366.	0.4	27
13	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> , 2005, 90, 6006-6013.	1.8	24
14	Amplification of pulsatile glucagon counterregulation by switch-off of $\hat{I}_{\pm}$ -cell-suppressing signals in streptozotocin-treated rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E575-E585.	1.8	17
15	Influence of Sleep Stage on LH Pulse Initiation in the Normal Late Follicular Phase and in Polycystic Ovary Syndrome. <i>Neuroendocrinology</i> , 2018, 107, 60-72.	1.2	11
16	Chapter 21 Pancreatic Network Control of Glucagon Secretion and Counterregulation. <i>Methods in Enzymology</i> , 2009, 467, 547-581.	0.4	9
17	System-Level Control to Optimize Glucagon Counterregulation by Switch-Off of $\hat{I}_{\pm}$ -Cell Suppressing Signals in $\hat{I}_{\pm}$ -Cell Deficiency. <i>Journal of Diabetes Science and Technology</i> , 2009, 3, 21-33.	1.3	7
18	Validation of a Deconvolution Procedure (AutoDecon) for Identification and Characterization of Fasting Insulin Secretory Bursts. <i>Journal of Diabetes Science and Technology</i> , 2010, 4, 1205-1213.	1.3	7

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19	Dynamic network model of glucose counterregulation in subjects with insulin-requiring diabetes. <i>Methods in Enzymology</i> , 2000, 321, 396-410.	0.4	6
20	Tripartite Control of Growth Hormone Secretion in Women during Controlled Estradiol Repletion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2336-2345.	1.8	6
21	Association of Basal Hyperglucagonemia with Impaired Glucagon Counterregulation in Type 1 Diabetes. <i>Frontiers in Physiology</i> , 2012, 3, 40.	1.3	5
22	Four-Hour Infusion of Hydrocortisone Does Not Suppress the Nocturnal Increase of Circulating Acyl- or Desacyl-Ghrelin Concentrations in Healthy Young Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1696-E1700.	1.8	4
23	Chapter Thirteen Identifying Small Pulsatile Signals within Noisy Data. <i>Methods in Enzymology</i> , 2008, 450, 273-286.	0.4	0