Patricia M Vuguin

List of Publications by Year
in descending order

55	3,124	172457	206112
papers	citations	29 h-index	48 g-index

55	55	55	3960
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surgical removal of visceral fat reverses hepatic insulin resistance. Diabetes, 1999, 48, 94-98.	0.6	350
2	Leptin selectively decreases visceral adiposity and enhances insulin action.. Journal of Clinical Investigation, 1997, 100, 3105-3110.	8.2	300
3	Short Term Effects of Leptin on Hepatic Gluconeogenesis and in Vivo Insulin Action. Journal of Biological Chemistry, 1997, 272, 27758-27763.	3.4	265
4	Animal models of in utero exposure to a high fat diet: A review. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 507-519.	3.8	178
5	Liver-Specific Disruption of the Murine Glucagon Receptor Produces Î±-Cell Hyperplasia. Diabetes, 2013, 62, 1196-1205.	0.6	162
6	Minireview: Epigenetic Programming of Diabetes and Obesity: Animal Models. Endocrinology, 2012, 153, 1031-1038.	2.8	156
7	Animal Models for Small for Gestational Age and Fetal Programing of Adult Disease. Hormone Research in Paediatrics, 2007, 68, 113-123.	1.8	131
8	Hepatic Insulin Resistance Precedes the Development of Diabetes in a Model of Intrauterine Growth Retardation. Diabetes, 2004, 53, 2617-2622.	0.6	112
9	Ablation of the Glucagon Receptor Gene Increases Fetal Lethality and Produces Alterations in Islet Development and Maturation. Endocrinology, 2006, 147, 3995-4006.	2.8	104
10	The Roles of Insulin Sensitivity, Insulin-Like Growth Factor I (IGF-I), and IGF-Binding Protein-1 and -3 in the Hyperandrogenism of African-American and Caribbean Hispanic Girls with Premature Adrenarche1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 2037-2042.	3.6	86
11	Fasting Glucose Insulin Ratio: A Useful Measure of Insulin Resistance in Girls with Premature Adrenarche. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4618-4621.	3.6	85
12	Central and Opposing Effects of IGF-I and IGF-Binding Protein-3 on Systemic Insulin Action. Diabetes, 2006, 55, 2788-2796.	0.6	72
13	Decrease in Glucose-Stimulated Insulin Secretion With Aging Is Independent of Insulin Action. Diabetes, 2004, 53, 441-446.	0.6	71
14	The Roles of Insulin Sensitivity, Insulin-Like Growth Factor I (IGF-I), and IGF-Binding Protein-1 and -3 in the Hyperandrogenism of African-American and Caribbean Hispanic Girls with Premature Adrenarche. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 2037-2042.	3.6	70
15	Pancreatic Î²-cell overexpression of the glucagon receptor gene results in enhanced Î²-cell function and mass. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E695-E707.	3.5	69
16	High-Fat Intake During Pregnancy and Lactation Exacerbates High-Fat Diet-Induced Complications in Male Offspring in Mice. Endocrinology, 2013, 154, 3565-3576.	2.8	68
17	Current Approaches to the Diagnosis and Treatment of Polycystic Ovarian Syndrome in Youth. Hormone Research in Paediatrics, 2007, 68, 209-217.	1.8	67
18	Blockade of glucagon signaling prevents or reverses diabetes onset only if residual Î²-cells persist. ELife, 2016, 5, .	6.0	60

#	Article	IF	Citations
19	Presentation and 5-Year Follow-Up of Type 2 Diabetes mellitus in African-American and Caribbean-Hispanic Adolescents. Hormone Research in Paediatrics, 2003, 60, 121-126.	1.8	58
20	In utero exposure to a maternal high-fat diet alters the epigenetic histone code in a murine model. American Journal of Obstetrics and Gynecology, 2014, 210, 463.e1-463.e11.	1.3	58
21	Insulin-Like Growth Factor Binding Protein-3 Induces Insulin Resistance in Adipocytes In Vitro and in Rats In Vivo. Pediatric Research, 2007, 61, 159-164.	2.3	54
22	Neonatal exendin-4 treatment reduces oxidative stress and prevents hepatic insulin resistance in intrauterine growth-retarded rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1785-R1794.	1.8	50
23	Lack of glucagon receptor signaling and its implications beyond glucose homeostasis. Journal of Endocrinology, 2015, 224, R123-R130.	2.6	50
24	Maternal Substrate Utilization Programs the Development of the Metabolic Syndrome in Male Mice Exposed to High Fat In Utero. Pediatric Research, 2009, 66, 368-373.	2.3	46
25	Relationship Between Adiponectin and Ambulatory Blood Pressure in Obese Adolescents. Pediatric Research, 2009, 65, 691-695.	2.3	43
26	In Utero Exposure to a High-Fat Diet Programs Hepatic Hypermethylation and Gene Dysregulation and Development of Metabolic Syndrome in Male Mice. Endocrinology, 2017, 158, 2860-2872.	2.8	42
27	Discordant Effects of Glucosamine on Insulin-stimulated Glucose Metabolism and Phosphatidylinositol 3-Kinase Activity. Journal of Biological Chemistry, 1999, 274, 31312-31319.	3.4	36
28	Decreased visceral adiposity accounts for leptin effect on hepatic but not peripheral insulin action. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E291-E298.	3.5	34
29	Shared Effects of Genetic and Intrauterine and Perinatal Environment on the Development of Metabolic Syndrome. PLoS ONE, 2013, 8, e63021.	2.5	29
30	Hypoglycemia, hyperglucagonemia, and fetoplacental defects in glucagon receptor knockout mice: a role for glucagon action in pregnancy maintenance. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E522-E531.	3.5	28
31	Aging does not contribute to the decline in insulin action on storage of muscle glycogen in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 278, R111-R117.	1.8	25
32	Antioxidant Effects of N-Acetylcysteine Prevent Programmed Metabolic Disease in Mice. Diabetes, 2020, 69, 1650-1661.	0.6	23
33	Fasting Glucose Insulin Ratio: A Useful Measure of Insulin Resistance in Girls with Premature Adrenarche. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4618-4621.	3.6	21
34	Critical periods of increased fetal vulnerability to a maternal high fat diet. Reproductive Biology and Endocrinology, 2014, 12, 80.	3.3	19
35	Assessing Insulin Resistance: Application of a Fasting Glucose to Insulin Ratio in Growth Hormone-Treated Children. Hormone Research in Paediatrics, 2002, 57, 37-42.	1.8	15
36	Food Deprivation Limits Insulin Secretory Capacity in Postpubertal Rats. Pediatric Research, 2001, 49, 468-473.	2.3	14

#	Article	IF	Citations
37	The Unique Role of 11-Oxygenated C19 Steroids in Both Premature Adrenarche and Premature Pubarche. Hormone Research in Paediatrics, 2020, 93, 460-469.	1.8	12
38	Nestin expression in pancreatic endocrine and exocrine cells of mice lacking glucagon signaling. Developmental Dynamics, 2007, 236, 1126-1133.	1.8	11
39	Diabetes Insipidus. Pediatrics in Review, 2020, 41, 96-99.	0.4	10
40	N-Acetylcysteine Resolves Placental Inflammatory-Vasculopathic Changes in Mice Consuming a High-Fat Diet. American Journal of Pathology, 2019, 189, 2246-2257.	3.8	8
41	The Laboratory Features of Congenital Hypothyroidism and Approach to Therapy. NeoReviews, 2020, 21, e37-e44.	0.8	8
42	Prediction Models for Insulin Resistance in Girls with Premature Adrenarche. Hormone Research in Paediatrics, 2006, 65, 185-191.	1.8	7
43	CARMIL2 â€related immunodeficiency manifesting with photosensitivity. Pediatric Dermatology, 2020, 37, 695-697.	0.9	5
44	The Relationship between Birth Weight (BW), Body Mass Index (BMI) and Insulin Sensitivity (SI) in Prepubertal Caribbean Hispanic (CH) and Black African-American (BAA) Girls with Premature Adrenarche (PA). Pediatric Research, 1999, 45, 89A-89A.	2.3	4
45	Effects of genetics and in utero diet on murine pancreatic development. Journal of Endocrinology, 2014, 222, 217-227.	2.6	3
46	Glucagon: The Name Says It All, or Not!. Endocrinology, 2019, 160, 1359-1361.	2.8	2
47	Fasting Glucose Insulin Ratio: A Useful Measure of Insulin Resistance in Girls with Premature Adrenarche. Pediatric Research, 1999, 45, 99A-99A.	2.3	2
48	Deficits in Bone Geometry in Growth Hormone-Deficient Prepubertal Boys Revealed by High-Resolution Peripheral Quantitative Computed Tomography. Hormone Research in Paediatrics, 2019, 92, 293-301.	1.8	1
49	Maternal genotype and high fat feeding in utero program hyperglycemia and risk for cardiovascular disease. American Journal of Obstetrics and Gynecology, 2005, 193, S10.	1.3	0
50	64: In utero exposure to a maternal high fat diet Alters the epigenetic histone code in a murine model. American Journal of Obstetrics and Gynecology, 2014, 210, S42-S43.	1.3	0
51	Prevalence and Determinants of True Thyroid Dysfunction Among Pediatric Referrals for Abnormal Thyroid Function Tests. Global Pediatric Health, 2016, 3, 2333794X1664670.	0.7	0
52	Commentary on A Rare and Unusual Cause of Unilateral Ureteric Obstruction in a Child. Clinical Chemistry, 2020, 66, 1009-1010.	3.2	0
53	Regulation of Feeding Behavior by Glucagonlike Peptide 1 (GLP-1). , 2006, , 975-980.		0
54	Marked Increase in the Ability of the Î²-Cells to Secrete Insulin in Response to Glucose and FFA Occurs Post-Puberty. Pediatric Research, 1999, 45, 99A-99A.	2.3	0

#	Article	IF	Citations
55	OR27-06 11-Oxygenated C19 Steroids Are Alternative Markers of Androgen Excess in Children with Premature Adrenarche and Premature Pubarche. Journal of the Endocrine Society, 2020, 4, .	0.2	0