Satish C Kalhan

List of Publications by Year
in descending order

187 papers	12,707 citations	30551 56 h-index	29333 108 g-index
196 all docs	196 docs citations	196 times ranked	15906 citing authors

#	Article	IF	Citations
1	Plasma metabolomic profile in chronic thromboembolic pulmonary hypertension. Pulmonary Circulation, 2020, 10, 1-11.	0.8	26
2	Plasma metabolomic profile in chronic thromboembolic pulmonary hypertension. Pulmonary Circulation, 2020, 10, 2045894019890553.	0.8	11
3	Early dietary restriction in rats alters skeletal muscle tuberous sclerosis complex, ribosomal s6 and mitogen-activated protein kinase. Nutrition Research, 2018, 54, 93-104.	1.3	6
4	Microbial Fermentation of Starch. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, S42-S45.	0.9	1
5	Evaluation of tracer labelled methionine load test in vitamin B-12 deficient adolescent women. PLoS ONE, 2018, 13, e0196970.	1.1	6
6	Metabolism of Glucose and Methods of Investigation in the Fetus and Newborn. , 2017, , 390-403.e3.		1
7	Arginine metabolic endotypes related to asthma severity. PLoS ONE, 2017, 12, e0183066.	1.1	41
8	Low levels of IgM antibodies recognizing oxidation-specific epitopes are associated with human non-alcoholic fatty liver disease. BMC Medicine, 2016, 14, 107.	2.3	20
9	Plasma cathepsin D correlates with histological classifications of fatty liver disease in adults and responds to intervention. Scientific Reports, 2016, 6, 38278.	1.6	35
10	One carbon metabolism in pregnancy: Impact on maternal, fetal and neonatal health. Molecular and Cellular Endocrinology, 2016, 435, 48-60.	1.6	92
11	Whole body creatine and protein kinetics in healthy men and women: effects of creatine and amino acid supplementation. Amino Acids, 2016, 48, 677-687.	1.2	11
12	Effect of multi-nutrient insufficiency on markers of one carbon metabolism in young women: response to a methionine load. European Journal of Clinical Nutrition, 2016, 70, 687-693.	1.3	12
13	Increased mitochondrial arginine metabolism supports bioenergetics in asthma. Journal of Clinical Investigation, 2016, 126, 2465-2481.	3.9	100
14	Metabolomic Endotype of Asthma. Journal of Immunology, 2015, 195, 643-650.	0.4	110
15	Plasma IL-1 receptor antagonist levels correlate with the development of non-alcoholic steatohepatitis. Biomarkers in Medicine, 2015, 9, 1301-1309.	0.6	5
16	Dietary Iron, Circadian Clock, and Hepatic Gluconeogenesis: Figure 1. Diabetes, 2015, 64, 1091-1093.	0.3	5
17	Hepatic fat during fasting and refeeding by MRI fat quantification. Journal of Magnetic Resonance Imaging, 2015, 41, 347-353.	1.9	3
18	Relating tissue/organ energy expenditure to metabolic fluxes in mouse and human: experimental data integrated with mathematical modeling. Physiological Reports, 2014, 2, e12159.	0.7	47

#	Article	IF	Citations
19	The Cholesterol Derivative 27-Hydroxycholesterol Reduces Steatohepatitis in Mice. Gastroenterology, 2013, 144, 167-178.e1.	0.6	77
20	Prematurity and programming: contribution of neonatal Intensive Care Unit interventions. Journal of Developmental Origins of Health and Disease, 2013, 4, 121-133.	0.7	9
21	Recovery of chemical estimates by field inhomogeneity neighborhood error detection (REFINED): Fat/Water separation at 7 tesla. Journal of Magnetic Resonance Imaging, 2013, 37, 1247-1253.	1.9	3
22	One-Carbon Metabolism, Fetal Growth and Long-Term Consequences. Nestle Nutrition Institute Workshop Series, 2013, 74, 127-138.	1.5	39
23	Concluding Remarks. Nestle Nutrition Institute Workshop Series, 2013, 74, 225-232.	1.5	0
24	Resurgence of Serine: An Often Neglected but Indispensable Amino Acid. Journal of Biological Chemistry, 2012, 287, 19786-19791.	1.6	228
25	Methionine, homocysteine, one carbon metabolism and fetal growth. Reviews in Endocrine and Metabolic Disorders, 2012, 13, 109-119.	2.6	103
26	Sarcopenia associated with portosystemic shunting is reversed by follistatin. Journal of Hepatology, 2011, 54, 915-921.	1.8	93
27	Elevated hepatic fatty acid oxidation, high plasma fibroblast growth factor 21, and fasting bile acids in nonalcoholic steatohepatitis. European Journal of Gastroenterology and Hepatology, 2011, 23, 382-388.	0.8	112
28	Methionine and protein metabolism in non-alcoholic steatohepatitis: evidence for lower rate of transmethylation of methionine. Clinical Science, 2011, 121, 179-189.	1.8	60
29	Plasma metabolomic profile in nonalcoholic fatty liver disease. Metabolism: Clinical and Experimental, 2011, 60, 404-413.	1.5	433
30	Plasma levels of asymmetric dimethylarginine in patients with biopsy-proven nonalcoholic fatty liver disease. Metabolism: Clinical and Experimental, 2011, 60, 776-781.	1.5	49
31	Regulation of Adipose Tissue Metabolism in Humans: Analysis of Responses to the Hyperinsulinemic-Euglycemic Clamp Experiment. Cellular and Molecular Bioengineering, 2011, 4, 281-301.	1.0	2
32	Metabolic and Genomic Response to Dietary Isocaloric Protein Restriction in the Rat. Journal of Biological Chemistry, 2011, 286, 5266-5277.	1.6	64
33	Metabolism of Glucose and Methods of Investigation in the Fetus and Newborn. , 2011, , 517-533.		9
34	Enteral Nutrient Supply for Preterm Infants: Commentary From the European Society of Paediatric Gastroenterology, Hepatology and Nutrition Committee on Nutrition. Journal of Pediatric Gastroenterology and Nutrition, 2010, 50, 85-91.	0.9	1,206
35	Methionine metabolism in human pregnancy. American Journal of Clinical Nutrition, 2010, 91, 357-365.	2.2	98
36	Nonglucose Carbohydrates and Infant Nutrition and Metabolism. Journal of Nutrition, 2009, 139, 1611-1612.	1.3	4

#	Article	IF	Citations
37	Optimal protein intake in healthy infants. American Journal of Clinical Nutrition, 2009, 89, 1719-1720.	2.2	11
38	Obesity, Hepatic Metabolism and Disease. Nestle Nutrition Workshop Series Paediatric Programme, 2009, 63, 163-176.	1.5	10
39	Metabolism of Methionine in Vivo: Impact of Pregnancy, Protein Restriction, and Fatty Liver Disease. Nestle Nutrition Workshop Series Paediatric Programme, 2009, 63, 121-133.	1.5	23
40	Fatty Acids, Insulin Resistance, and Protein Metabolism. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2725-2727.	1.8	13
41	Glycine and urea kinetics in nonalcoholic steatohepatitis in human: effect of intralipid infusion. American Journal of Physiology - Renal Physiology, 2009, 297, G567-G575.	1.6	42
42	Knowledge Gaps and Research Needs for Understanding and Treating Neonatal Hypoglycemia: Workshop Report from Eunice Kennedy Shriver National Institute of Child Health and Human Development. Journal of Pediatrics, 2009, 155, 612-617.	0.9	228
43	Simultaneous assay of isotopic enrichment and concentration of guanidinoacetate and creatine by gas chromatographyâ€“mass spectrometry. Analytical Biochemistry, 2009, 395, 91-99.	1.1	8
44	What Is the Metabolic Role of Phosphoenolpyruvate Carboxykinase?. Journal of Biological Chemistry, 2009, 284, 27025-27029.	1.6	216
45	A computational model of adipose tissue metabolism: Evidence for intracellular compartmentation and differential activation of lipases. Journal of Theoretical Biology, 2008, 251, 523-540.	0.8	23
46	Analysis of the adult human plasma metabolome. Pharmacogenomics, 2008, 9, 383-397.	0.6	430
47	Estimates of hepatic glyceroneogenesis in type 2 diabetes mellitus in humans. Metabolism: Clinical and Experimental, 2008, 57, 305-312.	1.5	19
48	Re: â€œAlternative equations for whole-body protein synthesis and for fractional synthetic rates of proteinsâ€•by Ramakrishnan (Metabolism 2007;56:1550-60). Metabolism: Clinical and Experimental, 2008, 57, 871.	1.5	2
49	Protein and Amino Acid Metabolism in the Human Newborn. Annual Review of Nutrition, 2008, 28, 389-410.	4.3	43
50	Reassessing triglyceride synthesis in adipose tissue. Trends in Endocrinology and Metabolism, 2008, 19, 356-361.	3.1	119
51	Glyceroneogenesis Is the Dominant Pathway for Triglyceride Glycerol Synthesis in Vivo in the Rat. Journal of Biological Chemistry, 2008, 283, 27565-27574.	1.6	136
52	How Low Can I Go? The Impact of Hypoglycemia on the Immature Brain. Pediatrics, 2008, 122, 1411-1412.	1.0	3
53	Metabolism of Methionine in the Newborn Infant: Response to the Parenteral and Enteral Administration of Nutrients. Pediatric Research, 2008, 64, 381-386.	1.1	46
54	Identificaiton of Nonâ€Alcoholic Steatohepatitis (NASH) Using Plasma Metabolome in Humans. FASEB Journal, 2008, 22, 1162.5.	0.2	0

#	Article	IF	Citations
55	Overexpression of the Cytosolic Form of Phosphoenolpyruvate Carboxykinase (GTP) in Skeletal Muscle Repatterns Energy Metabolism in the Mouse. Journal of Biological Chemistry, 2007, 282, 32844-32855.	1.6	169
56	Altered expression of genes regulating skeletal muscle mass in the portacaval anastamosis rat. American Journal of Physiology - Renal Physiology, 2007, 292, G1105-G1113.	1.6	57
57	Parenteral Amino Acid and Metabolic Acidosis in Premature Infants. Journal of Parenteral and Enteral Nutrition, 2007, 31, 278-283.	1.3	40
58	Effect of intravenous amino acids on protein kinetics in preterm infants. Current Opinion in Clinical Nutrition and Metabolic Care, 2007, 10, 69-74.	1.3	17
59	Glutamine supplementation in the newborn infant. Seminars in Fetal and Neonatal Medicine, 2007, 12, 19-25.	1.1	23
60	Nutrition. Seminars in Fetal and Neonatal Medicine, 2007, 12, 1.	1.1	0
61	Transamination of Leucine and Nitrogen Accretion in Human Pregnancy and the Newborn Infant. Journal of Nutrition, 2006, 136, 281S-287S.	1.3	14
62	Adiponectin in human pregnancy: implications for regulation of glucose and lipid metabolism. Diabetologia, 2006, 49, 1677-1685.	2.9	225
63	Effect of intravenous amino acids on glutamine and protein kinetics in low-birth-weight preterm infants during the immediate neonatal period. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E622-E630.	1.8	43
64	Metabolism of threonine in newborn infants. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E981-E985.	1.8	14
65	Amino Acids, Glutamine, and Protein Metabolism in Very Low Birth Weight Infants. Pediatric Research, 2005, 58, 1259-1264.	1.1	18
66	Intraoperative glucose control in diabetic and nondiabetic patients during cardiac surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2005, 19, 201-208.	0.6	33
67	Glutamine supplement with parenteral nutrition decreases whole body proteolysis in low birth weight infants. Journal of Pediatrics, 2005, 146, 642-647.	0.9	37
68	Phosphoenolpyruvate carboxykinase and the critical role of cataplerosis in the control of hepatic metabolism. Nutrition and Metabolism, 2005, 2, 33.	1.3	99
69	Longitudinal changes in energy expenditure and body composition in obese women with normal and impaired glucose tolerance. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E472-E479.	1.8	78
70	Metabolic Responses to Protein Restriction During Pregnancy in Rat and Translation Initiation Factors in the Mother and Fetus. Pediatric Research, 2004, 56, 423-431.	1.1	22
71	Effects of Moderate Weight Loss and Orlistat on Insulin Resistance, Regional Adiposity, and Fatty Acids in Type 2 Diabetes. Diabetes Care, 2004, 27, 33-40.	4.3	149
72	Effect of enteral glutamine or glycine on whole-body nitrogen kinetics in very-low-birth-weight infants. American Journal of Clinical Nutrition, 2004, 79, 402-409.	2.2	38

#	Article	IF	Citations
73	Skeletal muscle atrophy is associated with an increased expression of myostatin and impaired satellite cell function in the portacaval anastamosis rat. American Journal of Physiology - Renal Physiology, 2004, 287, G1124-G1130.	1.6	93
74	Metabolism of Glucose and Methods of Investigation in the Fetus and Newborn. , 2004, , 449-464.		3
75	Glyceroneogenesis and the Triglyceride/Fatty Acid Cycle. Journal of Biological Chemistry, 2003, 278, 30413-30416.	1.6	371
76	Fatty liver in type 2 diabetes mellitus: relation to regional adiposity, fatty acids, and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E906-E916.	1.8	361
77	Gender differences in the regulation of amino acid metabolism. Journal of Applied Physiology, 2003, 95, 1259-1265.	1.2	58
78	Hypoglycemia in the neonate. , 2003, , 553-570.		1
79	Serine metabolism in human pregnancy. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E733-E740.	1.8	25
80	Gluconeogenesis in humans with induced hyperlactatemia during low-intensity exercise. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E1162-E1171.	1.8	28
81	Effect of Reduced Maternal Inspired Oxygen on Hepatic Glucose Metabolism in the Rat Fetus. Pediatric Research, 2003, 53, 325-332.	1.1	9
82	Effect of Reduced Maternal Inspired Oxygen on Hepatic Glucose Metabolism in the Rat Fetus. Pediatric Research, 2003, 53, 325-332.	1.1	4
83	TNF-Â Is a Predictor of Insulin Resistance in Human Pregnancy. Diabetes, 2002, 51, 2207-2213.	0.3	643
84	The Key Role of Anaplerosis and Cataplerosis for Citric Acid Cycle Function. Journal of Biological Chemistry, 2002, 277, 30409-30412.	1.6	918
85	Lactate Disposal via Gluconeogenesis Is Increased During Exercise in Patients with Mitochondrial Myopathy Due to Complex I Deficiency. Pediatric Research, 2002, 51, 592-597.	1.1	13
86	Docosahexaenoic acid and arachidonic acid enhance growth with no adverse effects in preterm infants fed formula. Journal of Pediatrics, 2002, 140, 547-554.	0.9	126
87	Glutamine and leucine nitrogen kinetics and their relation to urea nitrogen in newborn infants. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E618-E625.	1.8	15
88	Triacylglycerol infusion improves exercise endurance in patients with mitochondrial myopathy due to complex I deficiency. American Journal of Clinical Nutrition, 2002, 75, 237-244.	2.2	30
89	Triacylglycerol infusion does not improve hyperlactemia in resting patients with mitochondrial myopathy due to complex I deficiency. American Journal of Clinical Nutrition, 2002, 75, 228-236.	2.2	13
90	Phosphoenolpyruvate carboxykinase revisited: Insights into its metabolic role. Biochemistry and Molecular Biology Education, 2002, 30, 14-20.	0.5	38

#	Article	IF	Citations
91	A spoonful of sugarâ€¦?. Critical Care Medicine, 2002, 30, 252-253.	0.4	1
92	Altered lipid profile, leptin, insulin, and anthropometry in offspring of South Asian immigrants in the United States. Metabolism: Clinical and Experimental, 2001, 50, 1197-1202.	1.5	67
93	Estimation of gluconeogenesis in newborn infants. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E991-E997.	1.8	51
94	Gender differences in leucine, but not lysine, kinetics. Journal of Applied Physiology, 2001, 91, 357-362.	1.2	81
95	Protein/Amino Acid Metabolism and Nutrition in Very Low Birth Weight Infants. Journal of Perinatology, 2001, 21, 320-323.	0.9	4
96	Relationship between leucine oxidation and oxygen consumption during steady-state exercise. Medicine and Science in Sports and Exercise, 2001, 33, 237-241.	0.2	21
97	Euglycemic Clamp Study in Clozapine-Induced Diabetic Ketoacidosis. Annals of Pharmacotherapy, 2001, 35, 1381-1387.	0.9	40
98	Glyceroneogenesis and the Source of Glycerol for Hepatic Triacylglycerol Synthesis in Humans. Journal of Biological Chemistry, 2001, 276, 12928-12931.	1.6	82
99	Protein metabolism in pregnancy. American Journal of Clinical Nutrition, 2000, 71, 1249S-1255S.	2.2	110
100	Gluconeogenesis in the fetus and neonate. Seminars in Perinatology, 2000, 24, 94-106.	1.1	136
101	HYPOGLYCEMIA: WHAT IS IT FOR THE NEONATE?. American Journal of Perinatology, 2000, Volume 17, 011-018.	0.6	69
102	PROTEIN METABOLISM IN THE EXTREMELY LOWâ€“BIRTH WEIGHT INFANT. Clinics in Perinatology, 2000, 27, 23-56.	0.8	35
103	Lactate metabolism during exercise: analysis by an integrative systems model. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R1522-R1536.	0.9	26
104	Comparison of leucine kinetics in endurance-trained and sedentary humans. Journal of Applied Physiology, 1999, 86, 320-325.	1.2	37
105	A dietary intervention (high carbohydrate) during the neonatal period causes islet dysfunction in rats. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E1061-E1069.	1.8	29
106	Clinical Features of Neonates with Hyperinsulinism. New England Journal of Medicine, 1999, 341, 701-702.	13.9	6
107	Longitudinal changes in glucose metabolism during pregnancy in obese women with normal glucose tolerance and gestational diabetes mellitus. American Journal of Obstetrics and Gynecology, 1999, 180, 903-916.	0.7	557
108	A model analysis of lactate accumulation during muscle ischemia. Journal of Critical Care, 1999, 14, 151-163.	1.0	8

#	Article	IF	Citations
109	Effect of reduced inspired oxygen on fetal growth and maternal glucose metabolism in rat pregnancy. Metabolism: Clinical and Experimental, 1999, 48, 738-744.	1.5	5
110	Pregnancy, insulin resistance and nitrogen accretion. Current Opinion in Clinical Nutrition and Metabolic Care, 1999, 2, 359-363.	1.3	7
111	Role of O2in Regulation of Lactate Dynamics during Hypoxia: Mathematical Model and Analysis. Annals of Biomedical Engineering, 1998, 26, 1-27.	1.3	42
112	The effect of oral terbutaline on maternal glucose metabolism and energy expenditure in pregnancy. American Journal of Obstetrics and Gynecology, 1998, 178, 1041-1047.	0.7	19
113	Modeling metabolic dynamics. From cellular processes to organ and whole body responses. Progress in Biophysics and Molecular Biology, 1998, 69, 539-557.	1.4	9
114	Defective nonoxidative leucine degradation and endogenous leucine flux in cirrhosis during an amino acid infusion. Hepatology, 1998, 28, 1357-1364.	3.6	35
115	Plasma leptin in children: Relationship to puberty, gender, body composition, insulin sensitivity, and energy expenditure. Metabolism: Clinical and Experimental, 1998, 47, 309-312.	1.5	94
116	Quantification of gluconeogenesis in cirrhosis: Response to glucagon. Gastroenterology, 1998, 115, 1530-1540.	0.6	55
117	Gender-dependent alterations in serum leptin in alcoholic cirrhosis. Gastroenterology, 1998, 115, 947-953.	0.6	144
118	Glycemia-lowering effect of cobalt chloride in the diabetic rat: role of decreased gluconeogenesis. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E984-E991.	1.8	25
119	Relation between transamination of branched-chain amino acids and urea synthesis: evidence from human pregnancy. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E423-E431.	1.8	22
120	Protein Metabolism in Pregnancy. , 1998, , 207-220.		7
121	Quantifying gluconeogenesis during fasting. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E1209-E1215.	1.8	101
122	??1-adrenoreceptors regulate resting metabolic rate. Medicine and Science in Sports and Exercise, 1997, 29, 769-774.	0.2	11
123	Effect of parenteral amino acids on leucine and urea kinetics in preterm infants. Journal of Pediatrics, 1996, 128, 130-134.	0.9	20
124	Glucose and lactate kinetics during a short exercise bout in pregnancy. Metabolism: Clinical and Experimental, 1996, 45, 753-758.	1.5	7
125	Relative Kinetics of Phenylalanine and Leucine in Low Birth Weight Infants during Nutrient Administration. Pediatric Research, 1996, 40, 41-46.	1.1	44
126	A micromethod for the measurement of deuterium bound to carbon-6 of glucose to quantify gluconeogenesisin vivo. Journal of Mass Spectrometry, 1995, 30, 1588-1592.	0.7	22

#	Article	IF	Citations
127	Estimates of Krebs cycle activity and contributions of gluconeogenesis to hepatic glucose production in fasting healthy subjects and IDDM patients. Diabetologia, 1995, 38, 831-838.	2.9	34
128	Altered diastolic function in infants of mothers with gestational diabetes: No relation to macrosomia. Pediatric Cardiology, 1995, 16, 24-27.	0.6	12
129	Rigorous management of insulin-dependent diabetes mellitus during pregnancy. Acta Diabetologica, 1994, 31, 126-129.	1.2	15
130	Leucine kinetics during a brief fast in diabetes in pregnancy. Metabolism: Clinical and Experimental, 1994, 43, 378-384.	1.5	17
131	Roles of insulin resistance and beta-cell dysfunction in the pathogenesis of glucose intolerance in cystic fibrosis. Journal of Clinical Endocrinology and Metabolism, 1994, 79, 80-85.	1.8	64
132	Glucose metabolism in a term infant with transient hyperinsulinism and high carbohydrate intake. European Journal of Pediatrics, 1993, 152, 343-347.	1.3	4
133	Hepatic insulin action in adolescents with insulin-dependent diabetes mellitus: Relationship with long-term glycemic control. Metabolism: Clinical and Experimental, 1993, 42, 283-290.	1.5	20
134	Vasoactive intestinal polypeptide causes relaxation of the pyloric sphincter in the rabbit. Journal of Pediatric Surgery, 1993, 28, 1117-1120.	0.8	10
135	Maternal-Fetal Substrate Relationships in the Third Trimester in Human Pregnancy. Gynecologic and Obstetric Investigation, 1993, 35, 18-22.	0.7	9
136	Rates of Urea Synthesis in the Human Newborn: Effect of Maternal Diabetes and Small Size for Gestational Age. Pediatric Research, 1993, 34, 801-804.	1.1	24
137	Catecholamine Response at Birth in Preterm Newborns. Neonatology, 1993, 64, 82-88.	0.9	24
138	Glycerol Metabolism and Triglyceride-Fatty Acid Cycling in the Human Newborn: Effect of Maternal Diabetes and Intrauterine Growth Retardation. Pediatric Research, 1992, 31, 52-58.	1.1	68
139	Effects of growth hormone releasing hormone on insulin action and insulin secretion in a hypopituitary patient evaluated by the clamp technique. European Journal of Endocrinology, 1992, 127, 93-96.	1.9	4
140	In vivo differences between the turnover rates of leucine and leucine's ketoacid in stable cirrhosis. Gastroenterology, 1992, 103, 571-578.	0.6	37
141	Body cell mass and leucine metabolism in cirrhosis. Gastroenterology, 1992, 102, 1325-1333.	0.6	45
142	Alterations in hepatic lipogenic capacity in rat pups artificially reared on a milk-substitute formula high in carbohydrate or medium-chain triacylglycerides. Journal of Nutritional Biochemistry, 1992, 3, 474-480.	1.9	16
143	Indium 111 oxine-labeled leukocytes for early diagnosis of ischemic enterocolitis. Journal of Pediatric Surgery, 1991, 26, 1039-1042.	0.8	4
144	Leucine kinetics and fuel utilization during a brief fast in human pregnancy. Metabolism: Clinical and Experimental, 1991, 40, 1249-1256.	1.5	30

#	Article	IF	Citations
145	Glucose-alanine relationship in diabetes in human pregnancy. Metabolism: Clinical and Experimental, 1991, 40, 629-633.	1.5	11
146	Glucose metabolism in the mother and the newborn infant. Indian Journal of Pediatrics, 1991, 58, 37-41.	0.3	0
147	Measurements of total body and extracellular water in cirrhotic patients with and without ascites. Hepatology, 1991, 14, 1102-1111.	3.6	139
148	Leucine Kinetics during Feeding in Normal Newborns. Pediatric Research, 1991, 30, 23-27.	1.1	67
149	Protein Metabolism in Pregnancy. , 1991, , 163-176.		1
150	Measurements of total body and extracellular water in cirrhotic patients with and without ascites. Hepatology, 1991, 14, 1102-1111.	3.6	10
151	Total Body Water Measurement in Normal and Diabetic Pregnancy: Evidence for Maternal and Amniotic Fluid Equilibrium. Neonatology, 1990, 57, 284-291.	0.9	15
152	Plasma Vasoactive Intestinal Polypeptide in the Newborn Infant. Journal of Pediatric Gastroenterology and Nutrition, 1990, 10, 185-188.	0.9	6
153	Energy consumption in infants with bronchopulmonary dysplasia. Journal of Pediatrics, 1990, 116, 662-664.	0.9	56
154	Functional Enteroinsular Axis in Full-Term Newborn Infants. Pediatric Research, 1989, 25, 490-495.	1.1	9
155	The oral glucose tolerance test with one abnormal value. American Journal of Obstetrics and Gynecology, 1989, 160, 271-272.	0.7	1
156	Meconium aspiration syndrome: Intrapartum and neonatal attributes. American Journal of Obstetrics and Gynecology, 1989, 161, 1106-1110.	0.7	147
157	Urea synthesis, nitrogen balance, and glucose turnover in growth-hormone-deficient children before and after growth hormone administration. Metabolism: Clinical and Experimental, 1989, 38, 197-203.	1.5	49
158	Correspondence. Metabolism: Clinical and Experimental, 1989, 38, 290-291.	1.5	4
159	Glucose-alanine relationship in normal human pregnancy. Metabolism: Clinical and Experimental, 1988, 37, 152-158.	1.5	38
160	Vasoactive intestinal polypeptide potentiates the hypoxemia-induced decrease in splanchnic circulation in the rat. Journal of Pediatric Surgery, 1988, 23, 1193-1197.	0.8	3
161	Effects of maternal glucose infusion on fetal acid-base status in human pregnancy. American Journal of Obstetrics and Gynecology, 1987, 157, 866-873.	0.7	64
162	Decreased fetal movements with sustained maternal hyperglycemia using the glucose clamp technique. American Journal of Obstetrics and Gynecology, 1987, 156, 1101-1105.	0.7	37

#	Article	IF	Citations
163	Role of Glucose in the Regulation of Endogenous Glucose Production in the Human Newborn. Pediatric Research, 1986, 20, 49-52.	1.1	67
164	Quantitation of branched-chain Î±-keto acids as theirN-methylquinoxalone derivatives: Comparison ofO-andN-alkylation versus -silylation. Biological Mass Spectrometry, 1986, 13, 569-581.	0.5	17
165	Leucine metabolism in stable cirrhosis. Hepatology, 1986, 6, 622-630.	3.6	110
166	Diabetic ketoacidosis. Indian Journal of Pediatrics, 1986, 53, 559-572.	0.3	0
167	Alanine Production by the Human Fetus at Term Gestation. Neonatology, 1985, 47, 141-147.	0.9	24
168	Maternal Obesity as a Risk Factor in Gestational Diabetes. American Journal of Perinatology, 1985, 2, 268-270.	0.6	15
169	Management of third-trimester diabetic pregnancies with the use of continuous subcutaneous insulin infusion therapy: A pilot study. American Journal of Obstetrics and Gynecology, 1984, 149, 256-260.	0.7	10
170	Determination of carbon-13 labeled lactate in blood by gas chromatography/mass spectrometry. Analytical Chemistry, 1984, 56, 517-523.	3.2	58
171	Glucose turnover in chronic uremia: Increased recycling with diminished oxidation of glucose. Metabolism: Clinical and Experimental, 1983, 32, 1155-1162.	1.5	37
172	Regulation of Glucose Production in Newborn Infants of Diabetic Mothers. Pediatric Research, 1982, 16, 608-612.	1.1	39
173	Identifying the pregnancy at risk for intrauterine growth retardation: Possible usefulness of the intravenous glucose tolerance test. American Journal of Obstetrics and Gynecology, 1982, 143, 220-223.	0.7	39
174	Glucose production in type I glycogen storage disease. Journal of Pediatrics, 1982, 101, 160.	0.9	22
175	Metabolism of urea and glucose in normal and diabetic pregnancy. Metabolism: Clinical and Experimental, 1982, 31, 824-833.	1.5	94
176	Gas chromatography/mass spectrometric determination of [15N]urea in plasma and application to urea metabolism study. Analytical Chemistry, 1982, 54, 489-491.	3.2	42
177	The effect of enteric galactose on neonatal canine carbohydrate metabolism. Metabolism: Clinical and Experimental, 1981, 30, 1109-1118.	1.5	20
178	Megavitamin therapy in inherited metabolic disorders. Indian Journal of Pediatrics, 1981, 48, 635-646.	0.3	0
179	Estimation of Glucose Turnover and¹³C Recycling in the Human Newborn by Simultaneous [l-¹³C]Glucose and [6,6-²H₂]Glucose Tracers*. Journal of Clinical Endocrinology and Metabolism, 1980, 50, 456-460.	1.8	84
180	Glucose Production in Pregnant Women at Term Gestation. Journal of Clinical Investigation, 1979, 63, 388-394.	3.9	181

#	Article	IF	Citations
181	Attenuated Glucose Production Rate in Newborn Infants of Insulin-Dependent Diabetic Mothers. New England Journal of Medicine, 1977, 296, 375-376.	13.9	86
182	MEASUREMENT OF GLUCOSE TURNOVER IN THE HUMAN NEWBORN WITH GLUCOSE-1-13C. Journal of Clinical Endocrinology and Metabolism, 1976, 43, 704-707.	1.8	64
183	Inhibitory Effect of Prednisone on Insulin Secretion in Man: Model for Duplication of Blood Glucose Concentration. Journal of Clinical Endocrinology and Metabolism, 1975, 41, 600-610.	1.8	91
184	Placental Barrier to Human Insulin-I¹²⁵in Insulin-Dependent Diabetic Mothers*. Journal of Clinical Endocrinology and Metabolism, 1975, 40, 139-142.	1.8	67
185	Treatment of Ventriculitis with Gentamicin and Cloxacillin in Infants Born with Spina Bifida. Archives of Disease in Childhood, 1970, 45, 178-185.	1.0	64
186	Hypoglycemia in the neonate. , 0, , 304-310.		0
187	Maternal lipid metabolism is associated with neonatal adiposity: A longitudinal study. Journal of Clinical Endocrinology and Metabolism, 0, , .	1.8	4