Teresa A Davis

List of Publications by Year
in descending order

164	4,833	66234	106150
papers	citations	42 h-index	65 g-index

168	168	168	2820
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dietary and Complementary Feeding Practices of US Infants, 6 to 12 Months: A Narrative Review of the Federal Nutrition Monitoring Data. Journal of the Academy of Nutrition and Dietetics, 2022, 122, 2337-2345.e1.	0.4	8
2	OUP accepted manuscript. American Journal of Clinical Nutrition, 2022, 115, 598-600.	2.2	0
3	Future of biomedical, agricultural, and biological systems research using domesticated animals. Biology of Reproduction, 2022, 106, 629-638.	1.2	2
4	Use of Nuclear Techniques in Human Nutrition Research: A Call for Papers. Journal of Nutrition, 2022, 152, 371-372.	1.3	0
5	Leucine Administration in Conjunction With Continuous Feeding Improves Lean Growth in a Preterm Piglet Model. Current Developments in Nutrition, 2022, 6, 700.	0.1	0
6	Prematurity Negatively Alters Activation of the Amino Acid Signaling Pathway That Regulates Protein Synthesis in Muscle of a Preterm Piglet Model. Current Developments in Nutrition, 2022, 6, 472.	0.1	0
7	Prematurity Attenuates Skeletal Muscle Anabolism of Neonatal Pigs Independently of Birth Weight. Current Developments in Nutrition, 2022, 6, 471.	0.1	0
8	Prematurity blunts the insulin- and amino acid-induced stimulation of translation initiation and protein synthesis in skeletal muscle of neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E551-E565.	1.8	12
9	A Proposed Framework for Identifying Nutrients and Food Components of Public Health Relevance in the Dietary Guidelines for Americans. Journal of Nutrition, 2021, 151, 1197-1204.	1.3	16
10	Regulation of Akt Signaling in Skeletal Muscle Is Altered by Prematurity in a Neonatal Piglet Model. Current Developments in Nutrition, 2021, 5, 544.	0.1	0
11	Intermittent Leucine Pulses Enhance Skeletal Muscle mTOR Signaling and Protein Synthesis in Continuously Fed Preterm Pigs. Current Developments in Nutrition, 2021, 5, 543.	0.1	1
12	Intermittent Bolus Compared With Continuous Feeding Enhances Insulin and Amino Acid Signaling to Translation Initiation in Skeletal Muscle of Neonatal Pigs. Journal of Nutrition, 2021, 151, 2636-2645.	1.3	2
13	Development of Food Pattern Recommendations for Infants and Toddlers 6â€“24 Months of Age to Support the Dietary Guidelines for Americans, 2020â€“2025. Journal of Nutrition, 2021, 151, 3113-3124.	1.3	15
14	Breastfeeding and risk of overweight in childhood and beyond: a systematic review with emphasis on sibling-pair and intervention studies. American Journal of Clinical Nutrition, 2021, 114, 1774-1790.	2.2	26
15	A guide for authors and readers of the American Society for Nutrition Journals on the proper use of P values and strategies that promote transparency and improve research reproducibility. American Journal of Clinical Nutrition, 2021, 114, 1280-1285.	2.2	13
16	Intermittent bolus feeding does not enhance protein synthesis, myonuclear accretion, or lean growth more than continuous feeding in a premature piglet model. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E737-E752.	1.8	8
17	Leucine Supplementation Does Not Restore Diminished Skeletal Muscle Satellite Cell Abundance and Myonuclear Accretion When Protein Intake Is Limiting in Neonatal Pigs. Journal of Nutrition, 2020, 150, 22-30.	1.3	2
18	Continuous Feeding Does Not Blunt Satellite Cell Abundance, Myonuclear Accretion, or Lean Growth in a Neonatal Piglet Model of Prematurity. Current Developments in Nutrition, 2020, 4, nzaa050_019.	0.1	0

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19	Prematurity Alters the Feeding-Induced Activation of Signaling Components Towards AKT in Skeletal Muscle of Neonatal Piglets. Current Developments in Nutrition, 2020, 4, nzaa050_024.	0.1	0
20	Intermittent leucine pulses during continuous feeding alters novel components involved in skeletal muscle growth of neonatal pigs. Amino Acids, 2020, 52, 1319-1335.	1.2	11
21	The 2020 FASEB Virtual Science Research Conference on Nutrient Sensing and Metabolic Signaling, August 10â€11, 2020. FASEB Journal, 2020, 34, 15627-15629.	0.2	0
22	Differential regulation of mTORC1 activation by leucine and Î²-hydroxy-Î²-methylbutyrate in skeletal muscle of neonatal pigs. Journal of Applied Physiology, 2020, 128, 286-295.	1.2	17
23	Intermittent Bolus Feeding Enhances Organ Growth More Than Continuous Feeding in a Neonatal Piglet Model. Current Developments in Nutrition, 2020, 4, nzaa170.	0.1	4
24	Prematurity blunts the feeding-induced stimulation of translation initiation signaling and protein synthesis in muscle of neonatal piglets. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E839-E851.	1.8	15
25	Continuous Feeding Does Not Blunt Skeletal Muscle Protein Synthesis and Lean Growth Compared to Intermittent Bolus Feeding in the Preterm Piglet (OR26-06-19). Current Developments in Nutrition, 2019, 3, nzz033.OR26-06-19.	0.1	0
26	356 Meal feeding compared with continuous feeding enhances insulin and amino acid signaling to translation initiation in skeletal muscle of pigs. Journal of Animal Science, 2019, 97, 127-128.	0.2	0
27	Intermittent Bolus Compared with Continuous Feeding Enhances Insulin and Amino Acid Signaling to Translation Initiation in Skeletal Muscle of Pigs Born at Term (P08-071-19). Current Developments in Nutrition, 2019, 3, nzz044.P08-071-19.	0.1	0
28	26 Do we need a Plan B for Plan S?. Journal of Animal Science, 2019, 97, 23-24.	0.2	0
29	Regulation of Muscle Growth in Early Postnatal Life in a Swine Model. Annual Review of Animal Biosciences, 2019, 7, 309-335.	3.6	33
30	Intermittent bolus feeding promotes greater lean growth than continuous feeding in a neonatal piglet model. American Journal of Clinical Nutrition, 2018, 108, 830-841.	2.2	22
31	Amino Acid- and Insulin-Induced Activation of mTORC1 in Neonatal Piglet Skeletal Muscle Involves Sestrin2-GATOR2, Rag A/C-mTOR, and RHEB-mTOR Complex Formation. Journal of Nutrition, 2018, 148, 825-833.	1.3	22
32	Critical Windows for the Programming Effects of Early-Life Nutrition on Skeletal Muscle Mass. Nestle Nutrition Institute Workshop Series, 2018, 89, 25-35.	1.5	45
33	Short- and long-term effects of leucine and branched-chain amino acid supplementation of a protein- and energy-reduced diet on muscle protein metabolism in neonatal pigs. Amino Acids, 2018, 50, 943-959.	1.2	13
34	Amino acids, independent of insulin, attenuate skeletal muscle autophagy in neonatal pigs during endotoxemia. Pediatric Research, 2016, 80, 448-451.	1.1	10
35	Pulsatile delivery of a leucine supplement during long-term continuous enteral feeding enhances lean growth in term neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E699-E713.	1.8	16
36	Insulin modulates energy and substrate sensing and protein catabolism induced by chronic peritonitis in skeletal muscle of neonatal pigs. Pediatric Research, 2016, 80, 744-752.	1.1	5

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37	Leucine supplementation stimulates protein synthesis and reduces degradation signal activation in muscle of newborn pigs during acute endotoxemia. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E791-E801.	1.8	30
38	Leucine supplementation of a chronically restricted protein and energy diet enhances mTOR pathway activation but not muscle protein synthesis in neonatal pigs. Amino Acids, 2016, 48, 257-267.	1.2	22
39	Enteral Î²-hydroxy-Î²-methylbutyrate supplementation increases protein synthesis in skeletal muscle of neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E1072-E1084.	1.8	21
40	Longâ€term Intermittent Leucine Pulses during Continuous Feeding Impact the Plasma Metabolome of Neonatal Pigs. FASEB Journal, 2016, 30, 908.5.	0.2	0
41	Postnatal Muscle Growth Is Dependent on Satellite Cell Proliferation Which Demonstrates A Specific Requirement for Dietary Protein. FASEB Journal, 2016, 30, 1244.1.	0.2	4
42	Longâ€term Leucine and BCAA Inclusion in a 30% Protein and Energy Restricted Diet Increases mTORC1 Signaling in Skeletal Muscle of Neonatal Pigs. FASEB Journal, 2016, 30, 124.3.	0.2	0
43	Leucine ameliorates endotoxinâ€induced alterations in proteinâ€protein interactions within mTORC1 complex in neonatal piglets. FASEB Journal, 2016, 30, 915.20.	0.2	1
44	Intermittent Leucine Pulses during Continuous Feeding Alters Novel Components Involved in Skeletal Muscle Growth of Neonatal Pigs. FASEB Journal, 2016, 30, 430.2.	0.2	0
45	Importance of Animals in Agricultural Sustainability and Food Security ,. Journal of Nutrition, 2015, 145, 1377-1379.	1.3	50
46	Bolus vs. continuous feeding to optimize anabolism in neonates. Current Opinion in Clinical Nutrition and Metabolic Care, 2015, 18, 102-108.	1.3	28
47	Impact of prolonged leucine supplementation on protein synthesis and lean growth in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E601-E610.	1.8	32
48	Leucine is a major regulator of muscle protein synthesis in neonates. Amino Acids, 2015, 47, 259-270.	1.2	83
49	Leucine Antagonizes Protein Degradation Induced by Endotoxin in Skeletal Muscle of Neonatal Pigs. FASEB Journal, 2015, 29, 755.3.	0.2	0
50	Leucine Attenuates the Endotoxinâ€induced Reduction in Skeletal Muscle Protein Synthesis in Neonatal Pigs. FASEB Journal, 2015, 29, 742.1.	0.2	0
51	Protein synthesis in skeletal muscle of neonatal pigs is enhanced by administration of Î²-hydroxy-Î²-methylbutyrate. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E91-E99.	1.8	38
52	Ribosome abundance regulates the recovery of skeletal muscle protein mass upon recuperation from postnatal undernutrition in mice. Journal of Physiology, 2014, 592, 5269-5286.	1.3	30
53	Regulation of protein degradation pathways by amino acids and insulin in skeletal muscle of neonatal pigs. Journal of Animal Science and Biotechnology, 2014, 5, 8.	2.1	33
54	Regulation of the protein degradation pathways by amino acids and insulin in skeletal muscle of neonatal pigs (137.1). FASEB Journal, 2014, 28, 137.1.	0.2	0

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55	Abundance of amino acid transporters involved in mTORC1 activation in skeletal muscle of neonatal pigs is developmentally regulated. Amino Acids, 2013, 45, 523-530.	1.2	40
56	Viscera and muscle protein synthesis in neonatal pigs is increased more by intermittent bolus than by continuous feeding. Pediatric Research, 2013, 74, 154-162.	1.1	15
57	Leucine pulses enhance skeletal muscle protein synthesis during continuous feeding in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E620-E631.	1.8	46
58	Lean Gain Is Enhanced by a Leucine Pulse during Longâ€Term Continuous Feeding in Neonatal Pigs. FASEB Journal, 2013, 27, 350.6.	0.2	0
59	Voluntary activity is blunted following undernutrition in early life. FASEB Journal, 2013, 27, 111.1.	0.2	0
60	Supplementation with a Leucine Pulse during Continuous Feeding Stimulates Translation Initiation and Suppresses Protein Degradation Pathways in Muscle of Neonatal Pigs. FASEB Journal, 2013, 27, .	0.2	0
61	Distinct Role of Rheb and Grb10 in the Regulation of mTORC1 Signaling in Skeletal Muscle of Neonatal Pigs. FASEB Journal, 2013, 27, 1084.4.	0.2	1
62	Cholanemia induces skeletal muscle wasting despite stimulation of translation initiation, decreased autophagy, activation of Yes Associated Protein (YAP) and proteosomal signal activation in mice. FASEB Journal, 2013, 27, 631.7.	0.2	0
63	Development aggravates the severity of skeletal muscle catabolism induced by endotoxemia in neonatal pigs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R682-R690.	0.9	30
64	Anabolic signaling and protein deposition are enhanced by intermittent compared with continuous feeding in skeletal muscle of neonates. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E674-E686.	1.8	51
65	Enteral leucine supplementation increases protein synthesis in skeletal and cardiac muscles and visceral tissues of neonatal pigs through mTORC1-dependent pathways. Pediatric Research, 2012, 71, 324-331.	1.1	54
66	Differential regulation of protein synthesis in skeletal muscle and liver of neonatal pigs by leucine through an mTORC1-dependent pathway. Journal of Animal Science and Biotechnology, 2012, 3, .	2.1	28
67	Amino acids suppress the autophagic degradation pathway in skeletal muscle of septic neonatal pigs. FASEB Journal, 2012, 26, 649.6.	0.2	0
68	Nutritionallyâ€induced neonatal muscle growth retardation can be rescued by sustained muscle IGFâ€I expression. FASEB Journal, 2012, 26, 265.6.	0.2	0
69	Lean Growth Is Enhanced by Intermittent Bolus Compared with Continuous Feeding in Neonates. FASEB Journal, 2012, 26, 42.3.	0.2	1
70	Persistence of an Adverse Metabolic Phenotype in Parenterally Fed Neonatal Pigs. FASEB Journal, 2012, 26, 34.4.	0.2	0
71	Leucine Pulse Increases Skeletal Muscle Protein Synthesis during Continuous Feeding in Neonatal Pigs. FASEB Journal, 2012, 26, 265.5.	0.2	0
72	Regulation of protein synthesis by amino acids in muscle of neonates. Frontiers in Bioscience - Landmark, 2011, 16, 1445.	3.0	86

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73	Differential effects of long-term leucine infusion on tissue protein synthesis in neonatal pigs. Amino Acids, 2011, 40, 157-165.	1.2	32
74	Sepsis and Development Impede Muscle Protein Synthesis in Neonatal Pigs by Different Ribosomal Mechanisms. Pediatric Research, 2011, 69, 473-478.	1.1	14
75	Differential Regulation of Protein Synthesis and mTOR Signaling in Skeletal Muscle and Visceral Tissues of Neonatal Pigs After a Meal. Pediatric Research, 2011, 70, 253-260.	1.1	22
76	Intermittent Bolus Feeding Has a Greater Stimulatory Effect on Protein Synthesis in Skeletal Muscle Than Continuous Feeding in Neonatal Pigs. Journal of Nutrition, 2011, 141, 2152-2158.	1.3	58
77	Differential expression of protonâ€assisted amino acid transporters (PAT1 and PAT2) in tissues of neonatal pigs. FASEB Journal, 2011, 25, 782.10.	0.2	0
78	Protein Deposition in the Hindquarters of Neonatal Pigs Is Enhanced by Intermittent Bolus Compared to Continuous Feeding. FASEB Journal, 2011, 25, 109.4.	0.2	0
79	Chronic leucine supplementation of a low protein diet increases protein synthesis in skeletal muscle and visceral tissues of neonatal pigs through mTOR signaling. FASEB Journal, 2011, 25, 109.5.	0.2	0
80	Sepsis and Mechanical Ventilation Restrain Translation Initiation in Skeletal Muscle by Inducing AMPKâ€associated TSC2 Restriction of mTOR Signaling in Pigs. FASEB Journal, 2011, 25, 983.11.	0.2	0
81	The abundance and activation of mTORC1 regulators in skeletal muscle of neonatal pigs are modulated by insulin, amino acids, and age. Journal of Applied Physiology, 2010, 109, 1448-1454.	1.2	30
82	Stimulation of Muscle Protein Synthesis by Prolonged Parenteral Infusion of Leucine Is Dependent on Amino Acid Availability in Neonatal Pigs. Journal of Nutrition, 2010, 140, 264-270.	1.3	68
83	Chronic Parenteral Nutrition Induces Hepatic Inflammation, Steatosis, and Insulin Resistance in Neonatal Pigs1â€“3. Journal of Nutrition, 2010, 140, 2193-2200.	1.3	67
84	Leucine and Î±-Ketoisocaproic Acid, but Not Norleucine, Stimulate Skeletal Muscle Protein Synthesis in Neonatal Pigs , ,. Journal of Nutrition, 2010, 140, 1418-1424.	1.3	72
85	Leucine Supplementation of a Low-Protein Meal Increases Skeletal Muscle and Visceral Tissue Protein Synthesis in Neonatal Pigs by Stimulating mTOR-Dependent Translation Initiation ,. Journal of Nutrition, 2010, 140, 2145-2152.	1.3	103
86	SNAT2 and LAT1 transporter abundance is developmentally regulated in skeletal muscle of neonatal pigs. FASEB Journal, 2010, 24, 331.4.	0.2	1
87	Mechanical ventilation and sepsis induce skeletal muscle catabolism in neonatal pigs. FASEB Journal, 2010, 24, 740.34.	0.2	0
88	Differential Regulation of Protein Synthesis and mTOR Signaling in Skeletal Muscle and Visceral Tissues of Neonatal Pigs after a Meal. FASEB Journal, 2010, 24, 220.5.	0.2	0
89	Ageâ€dependent capacity to accelerate protein synthesis dictates the extent of compensatory growth in skeletal muscle following undernutrition. FASEB Journal, 2010, 24, 97.8.	0.2	0
90	Prolonged leucine infusion differentially affects tissue protein synthesis in neonatal pigs. FASEB Journal, 2010, 24, .	0.2	0

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91	Maturity aggravates sepsisâ€associated skeletal muscle catabolism in growing pigs.. FASEB Journal, 2010, 24, 327.2.	0.2	0
92	Intermittent Bolus Feeding Has a Greater Stimulatory Effect on Protein Synthesis in Skeletal Muscle than Continuous Feeding in Neonatal Pigs. FASEB Journal, 2010, 24, 327.3.	0.2	0
93	Chronic Enteral Leucine Supplementation of a Low Protein Diet Increases Skeletal Muscle Protein Synthesis in Neonatal Pigs by Stimulating mTORâ€Dependent Translation Initiation. FASEB Journal, 2010, 24, 327.4.	0.2	0
94	Leucine Supplementation of a Low Protein Meal Increases Skeletal Muscle and Visceral Tissue Protein Synthesis in Neonatal Pigs by Stimulating mTORâ€Dependent Translation Initiation. FASEB Journal, 2010, 24, 97.4.	0.2	0
95	Feeding Rapidly Stimulates Protein Synthesis in Skeletal Muscle of Neonatal Pigs by Enhancing Translation Initiation , ,. Journal of Nutrition, 2009, 139, 1873-1880.	1.3	42
96	Differential regulation of protein synthesis by amino acids and insulin in peripheral and visceral tissues of neonatal pigs. Amino Acids, 2009, 37, 97-104.	1.2	88
97	Regulation of muscle growth in neonates. Current Opinion in Clinical Nutrition and Metabolic Care, 2009, 12, 78-85.	1.3	209
98	Feedingâ€induced time course of changes in protein synthesis in neonatal pig skeletal muscle. FASEB Journal, 2009, 23, 738.2.	0.2	0
99	Insulin accelerates global and mitochondrial protein synthesis rates in neonatal muscle during sepsis. FASEB Journal, 2009, 23, 33.2.	0.2	1
100	Longâ€chain nâ€3 fatty acids â€“ New anabolic compounds improving protein metabolism. FASEB Journal, 2009, 23, LB107.	0.2	2
101	Longâ€term leucine induced stimulation of muscle protein synthesis is amino acid dependent. FASEB Journal, 2009, 23, 228.7.	0.2	0
102	Acute Effects of Enteral Leucine Supplementation of a Low Protein Diet on Muscle Protein Synthesis in Neonatal Pigs. FASEB Journal, 2009, 23, 33.1.	0.2	0
103	Leucine stimulates protein synthesis in skeletal muscle of neonatal pigs by enhancing mTORC1 activation. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E868-E875.	1.8	133
104	Insulin Signaling in Skeletal Muscle and Liver of Neonatal Pigs During Endotoxemia. Pediatric Research, 2008, 64, 505-510.	1.1	15
105	Insulin and Amino Acids are Critical Regulators of Neonatal Muscle Growth. Nutrition Today, 2008, 43, 143-149.	0.6	5
106	Endotoxin Reduces Muscle Protein Synthesis and Restrains Translation Initiation by Decreasing eIF4G Phosphorylation in Neonatal and Young Pigs. FASEB Journal, 2008, 22, 869.13.	0.2	0
107	Somatotropin Enhanced Muscle Protein Synthesis in Growing Pigs Is Not Modulated by Insulin. FASEB Journal, 2008, 22, 1114.2.	0.2	0
108	Rapamycin blocks leucineâ€induced protein synthesis by suppressing mTORC1 activation in skeletal muscle of neonatal pigs. FASEB Journal, 2008, 22, 306.5.	0.2	0

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109	Insulin stimulates muscle protein synthesis in neonates during endotoxemia despite repression of translation initiation. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E629-E636.	1.8	21
110	Amino acids augment muscle protein synthesis in neonatal pigs during acute endotoxemia by stimulating mTOR-dependent translation initiation. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1416-E1425.	1.8	28
111	Oral N-Carbamylglutamate Supplementation Increases Protein Synthesis in Skeletal Muscle of Piglets1. Journal of Nutrition, 2007, 137, 315-319.	1.3	102
112	Activation by insulin and amino acids of signaling components leading to translation initiation in skeletal muscle of neonatal pigs is developmentally regulated. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1597-E1605.	1.8	59
113	Amino acid availability and age affect the leucine stimulation of protein synthesis and eIF4F formation in muscle. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1615-E1621.	1.8	68
114	Acute IGFâ€Ì infusion stimulates whole body protein synthesis but does not reduce proteolysis in neonates. FASEB Journal, 2007, 21, A1119.	0.2	0
115	The activation of insulin signaling components leading to mRNA translation in skeletal muscle of neonatal pigs is developmentally regulated. FASEB Journal, 2007, 21, A1119.	0.2	0
116	The activation of nutrient signaling components leading to mRNA translation in skeletal muscle of neonatal pigs is developmentally regulated. FASEB Journal, 2007, 21, A714.	0.2	0
117	Insulin and amino acids stimulate whole body protein synthesis in neonates. FASEB Journal, 2007, 21, A334.	0.2	0
118	Stimulation of whole body protein synthesis by insulin in neonates is dependent on the pattern of amino acids available. FASEB Journal, 2007, 21, A162.	0.2	0
119	Expression of the TGF-Î² Family of Ligands Is Developmentally Regulated in Skeletal Muscle of Neonatal Rats. Pediatric Research, 2006, 59, 175-179.	1.1	41
120	Modulation of muscle protein synthesis by insulin is maintained during neonatal endotoxemia. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E159-E166.	1.8	24
121	Regulation of cardiac and skeletal muscle protein synthesis by individual branched-chain amino acids in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E612-E621.	1.8	133
122	Dietary protein and lactose increase translation initiation factor activation and tissue protein synthesis in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E225-E233.	1.8	30
123	Developmental regulation of the activation of signaling components leading to translation initiation in skeletal muscle of neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E849-E859.	1.8	43
124	Oral Nâ€carbamylglutamate (NCG) supplementation increases growth rate in sowâ€reared pigets. FASEB Journal, 2006, 20, A425.	0.2	2
125	Effect of the leucine analogs, Î±â€ketoisocaproic acid (KIC) and norleucine, on muscle protein synthesis and translation initiation factor activation in neonatal pigs. FASEB Journal, 2006, 20, A162.	0.2	1
126	Amino Acids Augment Muscle Protein Synthesis in Neonatal Pigs During Endotoxemia by Modulating Translation Initiation. FASEB Journal, 2006, 20, A9.	0.2	0

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127	Developmental regulation of the activation of signaling components leading to translation initiation in skeletal muscle of neonatal pigs. FASEB Journal, 2006, 20, A425.	0.2	0
128	Leucine stimulation of skeletal muscle protein synthesis during prolonged leucine infusion is dependent on amino acid availability. FASEB Journal, 2006, 20, A162.	0.2	0
129	Stimulation of Muscle Protein Synthesis by Glucose in Neonates Is AMP Kinase Independent. FASEB Journal, 2006, 20, A1046.	0.2	0
130	Whole-Body and Hindlimb Protein Breakdown Are Differentially Altered by Feeding in Neonatal Piglets. Journal of Nutrition, 2005, 135, 1430-1437.	1.3	13
131	Protein Synthesis and Translation Initiation Factor Activation in Neonatal Pigs Fed Increasing Levels of Dietary Protein. Journal of Nutrition, 2005, 135, 1374-1381.	1.3	30
132	Physiological rise in plasma leucine stimulates muscle protein synthesis in neonatal pigs by enhancing translation initiation factor activation. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E914-E921.	1.8	135
133	Regulation of neonatal liver protein synthesis by insulin and amino acids in pigs. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E994-E1003.	1.8	34
134	Amino Acids Do Not Alter the Insulin-Induced Activation of the Insulin Signaling Pathway in Neonatal Pigs. Journal of Nutrition, 2004, 134, 24-30.	1.3	39
135	Regulation of Muscle Protein Synthesis in Neonatal Pigs During Prolonged Endotoxemia. Pediatric Research, 2004, 55, 442-449.	1.1	28
136	Insulin and amino acids independently stimulate skeletal muscle protein synthesis in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E110-E119.	1.8	121
137	Regulation of translation initiation by insulin and amino acids in skeletal muscle of neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E40-E53.	1.8	108
138	Endotoxin induces differential regulation of mTOR-dependent signaling in skeletal muscle and liver of neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E637-E644.	1.8	49
139	Peter J. Reeds (February 22, 1945â€“August 13, 2002). Journal of Nutrition, 2003, 133, 5-8.	1.3	9
140	Stimulation of protein synthesis by both insulin and amino acids is unique to skeletal muscle in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E880-E890.	1.8	155
141	Developmental decline in components of signal transduction pathways regulating protein synthesis in pig muscle. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E585-E592.	1.8	46
142	Endotoxemia reduces skeletal muscle protein synthesis in neonates. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E909-E916.	1.8	48
143	Acute IGF-I infusion stimulates protein synthesis in skeletal muscle and other tissues of neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E638-E647.	1.8	37
144	Differential effects of insulin on peripheral and visceral tissue protein synthesis in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E770-E779.	1.8	73

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145	Developmental changes in the feeding-induced activation of the insulin-signaling pathway in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E908-E915.	1.8	55
146	Developmental changes in the feeding-induced stimulation of translation initiation in muscle of neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E1226-E1234.	1.8	83
147	Feeding stimulates protein synthesis in muscle and liver of neonatal pigs through an mTOR-dependent process. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E1080-E1087.	1.8	99
148	Regulation of myofibrillar protein turnover during maturation in normal and undernourished rat pups. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 278, R845-R854.	0.9	31
149	Nonnutritive Factors in Colostrum Enhance Myofibrillar Protein Synthesis in the Newborn Pig. Pediatric Research, 2000, 48, 511-517.	1.1	32
150	Protein nutrition of the neonate. Proceedings of the Nutrition Society, 2000, 59, 87-97.	0.4	43
151	Dexamethasone inhibits small intestinal growth via increased protein catabolism in neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 1999, 276, E269-E277.	1.8	25
152	Aminoacyl-tRNA and tissue free amino acid pools are equilibrated after a flooding dose of phenylalanine. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E103-E109.	1.8	66
153	Roles of Insulin and Amino Acids in the Regulation of Protein Synthesis in the Neonate ,. Journal of Nutrition, 1998, 128, 347S-350S.	1.3	87
154	The Roles of Nutrition, Development and Hormone Sensitivity in the Regulation of Protein Metabolism: An Overview , ,. Journal of Nutrition, 1998, 128, 340S-341S.	1.3	10
155	Response of skeletal muscle protein synthesis to insulin in suckling pigs decreases with development. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E602-E609.	1.8	65
156	Spectrophometric Assay for Measuring Branched-Chain Amino Acid Concentrations: Application for Measuring the Sensitivity of Protein Metabolism to Insulin. Analytical Biochemistry, 1996, 240, 48-53.	1.1	63
157	Nutrient-Independent and Nutrient-Dependent Factors Stimulate Protein Synthesis in Colostrum-Fed Newborn Pigs. Pediatric Research, 1995, 37, 593-599.	1.1	129
158	Both Maternal Overâ€•and Undernutrition During Gestation Increase the Adiposity of Young Adult Progeny in Rats. Obesity, 1995, 3, 131-141.	4.0	15
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