

Kartik Shankar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6207037/publications.pdf>

Version: 2024-02-01

154
papers

6,050
citations

61945

43
h-index

82499

72
g-index

155
all docs

155
docs citations

155
times ranked

7777
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity and pregnancy: mechanisms of short term and long term adverse consequences for mother and child. <i>BMJ: British Medical Journal</i> , 2017, 356, j1.	2.4	708
2	Maternal obesity at conception programs obesity in the offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R528-R538.	0.9	339
3	Maternal obesity is associated with a lipotoxic placental environment. <i>Placenta</i> , 2014, 35, 171-177.	0.7	239
4	Enhanced offspring predisposition to steatohepatitis with maternal high-fat diet is associated with epigenetic and microbiome alterations. <i>PLoS ONE</i> , 2017, 12, e0175675.	1.1	147
5	Maternal Obesity Enhances White Adipose Tissue Differentiation and Alters Genome-Scale DNA Methylation in Male Rat Offspring. <i>Endocrinology</i> , 2013, 154, 4113-4125.	1.4	146
6	Dietary-induced serum phenolic acids promote bone growth via p38 MAPK/ β -catenin canonical Wnt signaling. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2399-2411.	3.1	115
7	SATURATION TOXICOKINETICS OF THIOACETAMIDE: ROLE IN INITIATION OF LIVER INJURY. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1877-85.	1.7	108
8	A new model for nonalcoholic steatohepatitis in the rat utilizing total enteral nutrition to overfeed a high-polyunsaturated fat diet. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G27-G38.	1.6	106
9	Calpain released from dying hepatocytes mediates progression of acute liver injury induced by model hepatotoxicants. <i>Toxicology and Applied Pharmacology</i> , 2003, 191, 211-226.	1.3	104
10	Obesity Reduces Bone Density Associated with Activation of PPAR β and Suppression of Wnt/ β -Catenin in Rapidly Growing Male Rats. <i>PLoS ONE</i> , 2010, 5, e13704.	1.1	103
11	A role for ethanol-induced oxidative stress in controlling lineage commitment of mesenchymal stromal cells through inhibition of Wnt/ β -catenin signaling. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1117-1127.	3.1	101
12	Maternal Overweight Programs Insulin and Adiponectin Signaling in the Offspring. <i>Endocrinology</i> , 2010, 151, 2577-2589.	1.4	99
13	Maternal Obesity Promotes a Proinflammatory Signature in Rat Uterus and Blastocyst. <i>Endocrinology</i> , 2011, 152, 4158-4170.	1.4	99
14	Krüppel-Like Factor 9 and Progesterone Receptor Coregulation of Decidualizing Endometrial Stromal Cells: Implications for the Pathogenesis of Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E376-E392.	1.8	99
15	Effects of N-acetylcysteine on ethanol-induced hepatotoxicity in rats fed via total enteral nutrition. <i>Free Radical Biology and Medicine</i> , 2005, 39, 619-630.	1.3	96
16	Maternal Obesity during Gestation Impairs Fatty Acid Oxidation and Mitochondrial SIRT3 Expression in Rat Offspring at Weaning. <i>PLoS ONE</i> , 2011, 6, e24068.	1.1	96
17	The health implications of soy infant formula. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1668S-1672S.	2.2	95
18	High Fat Diet and In Utero Exposure to Maternal Obesity Disrupts Circadian Rhythm and Leads to Metabolic Programming of Liver in Rat Offspring. <i>PLoS ONE</i> , 2014, 9, e84209.	1.1	93

#	ARTICLE	IF	CITATIONS
19	Formula diet driven microbiota shifts tryptophan metabolism from serotonin to tryptamine in neonatal porcine colon. <i>Microbiome</i> , 2017, 5, 77.	4.9	85
20	N-Acetylcysteine Attenuates Progression of Liver Pathology in a Rat Model of Nonalcoholic Steatohepatitis. <i>Journal of Nutrition</i> , 2008, 138, 1872-1879.	1.3	84
21	Obesity Modulates Inflammation and Lipid Metabolism Oocyte Gene Expression: A Single-Cell Transcriptome Perspective. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2029-2038.	1.8	81
22	Protective Effects of Estradiol on Ethanol-Induced Bone Loss Involve Inhibition of Reactive Oxygen Species Generation in Osteoblasts and Downstream Activation of the Extracellular Signal-Regulated Kinase/Signal Transducer and Activator of Transcription 3/Receptor Activator of Nuclear Factor- κ B Ligand Signaling Cascade. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 50-59.	1.3	78
23	Early growth response protein-1 mediates lipotoxicity-associated placental inflammation: role in maternal obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1-E14.	1.8	72
24	Maternal High-Fat Diet Programs Offspring Liver Steatosis in a Sexually Dimorphic Manner in Association with Changes in Gut Microbial Ecology in Mice. <i>Scientific Reports</i> , 2018, 8, 16502.	1.6	70
25	Longitudinal body composition of children born to mothers with normal weight, overweight, and obesity. <i>Obesity</i> , 2015, 23, 1252-1258.	1.5	69
26	Neonatal diet alters fecal microbiota and metabolome profiles at different ages in infants fed breast milk or formula. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1190-1202.	2.2	67
27	A cautionary response to SMFM statement: pharmacological treatment of gestational diabetes. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 367.e1-367.e7.	0.7	62
28	In utero exposure to prepregnancy maternal obesity and postweaning high-fat diet impair regulators of mitochondrial dynamics in rat placenta and offspring. <i>Physiological Genomics</i> , 2014, 46, 841-850.	1.0	61
29	Activation of PPAR α in streptozotocin-induced diabetes is essential for resistance against acetaminophen toxicity. <i>FASEB Journal</i> , 2003, 17, 1748-1750.	0.2	60
30	Feeding Blueberry Diets in Early Life Prevent Senescence of Osteoblasts and Bone Loss in Ovariectomized Adult Female Rats. <i>PLoS ONE</i> , 2011, 6, e24486.	1.1	60
31	Cytokine and Chemokine Expression Associated with Steatohepatitis and Hepatocyte Proliferation in Rats Fed Ethanol via Total Enteral Nutrition. <i>Experimental Biology and Medicine</i> , 2008, 233, 344-355.	1.1	59
32	Estradiol Protects against Ethanol-Induced Bone Loss by Inhibiting Up-Regulation of Receptor Activator of Nuclear Factor- κ B Ligand in Osteoblasts. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1182-1190.	1.3	56
33	A comprehensive analysis of the human placenta transcriptome. <i>Placenta</i> , 2014, 35, 125-131.	0.7	56
34	Early Postnatal Diets Affect the Bioregional Small Intestine Microbiome and Ileal Metabolome in Neonatal Pigs. <i>Journal of Nutrition</i> , 2017, 147, 1499-1509.	1.3	55
35	Chronic Ethanol Consumption Leads to Disruption of Vitamin D3 Homeostasis Associated with Induction of Renal 1,25 Dihydroxyvitamin D3-24-Hydroxylase (CYP24A1). <i>Endocrinology</i> , 2008, 149, 1748-1756.	1.4	54
36	Type 1 Diabetic Mice Are Protected from Acetaminophen Hepatotoxicity. <i>Toxicological Sciences</i> , 2003, 73, 220-234.	1.4	53

#	ARTICLE	IF	CITATIONS
37	Inhibition of fetal bone development through epigenetic downregulation of HoxA10 in obese rats fed high-fat diet. <i>FASEB Journal</i> , 2012, 26, 1131-1141.	0.2	52
38	Inhibition of NADPH Oxidases Prevents Chronic Ethanol-Induced Bone Loss in Female Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 734-742.	1.3	51
39	Formula diet alters small intestine morphology, microbial abundance and reduces VE-cadherin and IL-10 expression in neonatal porcine model. <i>BMC Gastroenterology</i> , 2016, 16, 40.	0.8	50
40	Maternal adiposity negatively influences infant brain white matter development. <i>Obesity</i> , 2015, 23, 1047-1054.	1.5	49
41	Are early first trimester weights valid proxies for preconception weight?. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 357.	0.9	48
42	Potential of Carbon Tetrachloride Hepatotoxicity and Lethality in Type 2 Diabetic Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 694-704.	1.3	47
43	Dietary supplementation with strawberry induces marked changes in the composition and functional potential of the gut microbiome in diabetic mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 66, 63-69.	1.9	47
44	Renal injury and repair following S-1, 2 dichlorovinyl-L-cysteine administration to mice Presented in part at the 39th annual meeting of the Society of Toxicology, March 19-23, 2000. <i>Toxicology and Applied Pharmacology</i> , 2003, 188, 110-121.	1.3	40
45	Physiologic and Genomic Analyses of Nutrition-Ethanol Interactions During Gestation: Implications for Fetal Ethanol Toxicity. <i>Experimental Biology and Medicine</i> , 2006, 231, 1379-1397.	1.1	40
46	Transcriptomic and epigenomic landscapes during cell fusion in BeWo trophoblast cells. <i>Placenta</i> , 2015, 36, 1342-1351.	0.7	39
47	Persistent influence of maternal obesity on offspring health: Mechanisms from animal models and clinical studies. <i>Molecular and Cellular Endocrinology</i> , 2016, 435, 7-19.	1.6	39
48	Maternal Obesity Programs Senescence Signaling and Glucose Metabolism in Osteo-Progenitors From Rat and Human. <i>Endocrinology</i> , 2016, 157, 4172-4183.	1.4	38
49	Carbohydrate-Responsive Gene Expression in the Adipose Tissue of Rats. <i>Endocrinology</i> , 2010, 151, 153-164.	1.4	37
50	Sex modulates hepatic mitochondrial adaptations to high-fat diet and physical activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E298-E311.	1.8	37
51	Estrogenic status modulates aryl hydrocarbon receptor-mediated hepatic gene expression and carcinogenicity. <i>Carcinogenesis</i> , 2008, 29, 227-236.	1.3	35
52	Lipid Fatty Acid Profile Analyses in Liver and Serum in Rats with Nonalcoholic Steatohepatitis Using Improved Gas Chromatography-Mass Spectrometry Methodology. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 747-754.	2.4	35
53	Neonatal Diet Impacts Bioregional Microbiota Composition in Piglets Fed Human Breast Milk or Infant Formula. <i>Journal of Nutrition</i> , 2019, 149, 2236-2246.	1.3	35
54	Diallyl Sulfide Inhibition of CYP2E1 Does Not Rescue Diabetic Rats from Thioacetamide-Induced Mortality. <i>Toxicology and Applied Pharmacology</i> , 2001, 173, 27-37.	1.3	33

#	ARTICLE	IF	CITATIONS
55	Streptozotocin-induced diabetic mice are resistant to lethal effects of thioacetamide hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2003, 188, 122-134.	1.3	33
56	Human Breast-Milk Feeding Enhances the Humoral and Cell-Mediated Immune Response in Neonatal Piglets. <i>Journal of Nutrition</i> , 2018, 148, 1860-1870.	1.3	33
57	Cecal versus fecal microbiota in Ossabaw swine and implications for obesity. <i>Physiological Genomics</i> , 2018, 50, 355-368.	1.0	33
58	Role of Tissue Repair in Survival from S-(1,2-Dichlorovinyl)-L-Cysteine-Induced Acute Renal Tubular Necrosis in the Mouse. <i>Toxicological Sciences</i> , 2003, 74, 215-227.	1.4	32
59	Different Molecular Mechanisms Underlie Ethanol-Induced Bone Loss in Cycling and Pregnant Rats. <i>Endocrinology</i> , 2006, 147, 166-178.	1.4	32
60	Soy compared with milk protein in a Western diet changes fecal microbiota and decreases hepatic steatosis in obese OLETF rats. <i>Journal of Nutritional Biochemistry</i> , 2017, 46, 125-136.	1.9	32
61	Chronic Ethanol Consumption Inhibits Postlactational Anabolic Bone Rebuilding in Female Rats. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 338-349.	3.1	30
62	Maternal obesity impairs skeletal development in adult offspring. <i>Journal of Endocrinology</i> , 2018, 239, 33-47.	1.2	30
63	Obesity leads to distinct metabolomic signatures in follicular fluid of women undergoing in vitro fertilization. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E383-E396.	1.8	30
64	Molecular Mechanisms of Renal Tissue Repair in Survival from Acute Renal Tubule Necrosis: Role of ERK1/2 Pathway. <i>Toxicologic Pathology</i> , 2003, 31, 604-618.	0.9	29
65	Role of CYP2E1 and saturation kinetics in the bioactivation of thioacetamide: Effects of diet restriction and phenobarbital. <i>Toxicology and Applied Pharmacology</i> , 2007, 219, 72-84.	1.3	29
66	The effects of pregnancy on ethanol clearance. <i>Life Sciences</i> , 2005, 77, 2111-2126.	2.0	28
67	RNA-seq analysis of the rat placentation site reveals maternal obesity-associated changes in placental and offspring thyroid hormone signaling. <i>Placenta</i> , 2014, 35, 1013-1020.	0.7	28
68	Maternal pregravid obesity changes gene expression profiles toward greater inflammation and reduced insulin sensitivity in umbilical cord. <i>Pediatric Research</i> , 2014, 76, 202-210.	1.1	28
69	Undernutrition enhances alcohol-induced hepatocyte proliferation in the liver of rats fed via total enteral nutrition. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G355-G364.	1.6	27
70	Early Soy Exposure via Maternal Diet Regulates Rat Mammary Epithelial Differentiation by Paracrine Signaling from Stromal Adipocytes. <i>Journal of Nutrition</i> , 2009, 139, 945-951.	1.3	27
71	Sex-Specific Changes in Gut Microbiome Composition following Blueberry Consumption in C57BL/6J Mice. <i>Nutrients</i> , 2019, 11, 313.	1.7	27
72	Hepatic gene expression following consumption of soy protein isolate in female Sprague-Dawley rats differs from that produced by 17 β -estradiol treatment. <i>Journal of Endocrinology</i> , 2009, 202, 141-152.	1.2	26

#	ARTICLE	IF	CITATIONS
73	Obesity-related changes in bone structural and material properties in hyperphagic OLETF rats and protection by voluntary wheel running. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 905-916.	1.5	26
74	Aerobic capacity and hepatic mitochondrial lipid oxidation alters susceptibility for chronic high-fat diet-induced hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E749-E760.	1.8	26
75	Placental transcriptome co-expression analysis reveals conserved regulatory programs across gestation. <i>BMC Genomics</i> , 2017, 18, 10.	1.2	26
76	Formula feeding alters hepatic gene expression signature, iron and cholesterol homeostasis in the neonatal pig. <i>Physiological Genomics</i> , 2011, 43, 1281-1293.	1.0	23
77	Infant Formula Feeding Increases Hepatic Cholesterol 7 α -Hydroxylase (CYP7A1) Expression and Fecal Bile Acid Loss in Neonatal Piglets. <i>Journal of Nutrition</i> , 2018, 148, 702-711.	1.3	23
78	Lactotrehalose, an Analog of Trehalose, Increases Energy Metabolism Without Promoting <i>Clostridioides difficile</i> Infection in Mice. <i>Gastroenterology</i> , 2020, 158, 1402-1416.e2.	0.6	23
79	Effects of pregnancy and nutritional status on alcohol metabolism. <i>Alcohol Research</i> , 2007, 30, 55-9.	1.0	23
80	Distinct adipogenic differentiation phenotypes of human umbilical cord mesenchymal cells dependent on adipogenic conditions. <i>Experimental Biology and Medicine</i> , 2014, 239, 1340-1351.	1.1	22
81	A Behavioral Intervention to Reduce Excessive Gestational Weight Gain. <i>Maternal and Child Health Journal</i> , 2017, 21, 485-491.	0.7	22
82	RNA-seq Analysis of the Functional Compartments within the Rat Placentation Site. <i>Endocrinology</i> , 2012, 153, 1999-2011.	1.4	21
83	Body Fat Mass of Exclusively Breastfed Infants Born to Overweight Mothers. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012, 112, 991-995.	0.4	21
84	Maternal obesity is associated with ovarian inflammation and upregulation of early growth response factor 1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E269-E277.	1.8	21
85	Maternal obesity and gestational weight gain are modestly associated with umbilical cord DNA methylation. <i>Placenta</i> , 2017, 57, 194-203.	0.7	21
86	Differential Effects of Short Term Feeding of a Soy Protein Isolate Diet and Estrogen Treatment on Bone in the Pre-Pubertal Rat. <i>PLoS ONE</i> , 2012, 7, e35736.	1.1	20
87	Liver tumorigenesis is promoted by a high saturated fat diet specifically in male mice and is associated with hepatic expression of the proto-oncogene <i>Agap2</i> and enrichment of the intestinal microbiome with <i>Coprococcus</i> . <i>Carcinogenesis</i> , 2019, 40, 349-359.	1.3	19
88	Effects of Light and Dark Beer on Hepatic Cytochrome P-450 Expression in Male Rats Receiving Alcoholic Beverages as Part of Total Enteral Nutrition. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 888-895.	1.4	18
89	Bidirectional signaling of mammary epithelium and stroma: implications for breast cancerâ€™ preventive actions of dietary factors. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 605-611.	1.9	18
90	Intrinsic High Aerobic Capacity in Male Rats Protects Against Diet-Induced Insulin Resistance. <i>Endocrinology</i> , 2019, 160, 1179-1192.	1.4	18

#	ARTICLE	IF	CITATIONS
91	Associations between Maternal Diet, Body Composition and Gut Microbial Ecology in Pregnancy. <i>Nutrients</i> , 2021, 13, 3295.	1.7	18
92	Mammary Gland Morphology and Gene Expression Differ in Female Rats Treated with 17 β -Estradiol or Fed Soy Protein Isolate. <i>Endocrinology</i> , 2012, 153, 6021-6032.	1.4	17
93	Enhanced Expression and Glucocorticoid-Inducibility of Hepatic Cytochrome P450 3A Involve Recruitment of the Pregnane-X-Receptor to Promoter Elements in Rats Fed Soy Protein Isolate. <i>Journal of Nutrition</i> , 2011, 141, 10-16.	1.3	16
94	Dietary factors during early life program bone formation in female rats. <i>FASEB Journal</i> , 2017, 31, 376-387.	0.2	15
95	Maternal diet quality during pregnancy is associated with biomarkers of metabolic risk among male offspring. <i>Diabetologia</i> , 2021, 64, 2478-2490.	2.9	15
96	Associations between maternal obesity and offspring gut microbiome in the first year of life. <i>Pediatric Obesity</i> , 2022, 17, e12921.	1.4	15
97	Hyperinsulinemia and ectopic fat deposition can develop in the face of hyperadiponectinemia in young obese rats. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 142-152.	1.9	14
98	Parental adiposity differentially associates with newborn body composition. <i>Pediatric Obesity</i> , 2020, 15, e12596.	1.4	14
99	3-(3-Hydroxyphenyl)propionic Acid (PPA) Suppresses Osteoblastic Cell Senescence to Promote Bone Accretion in Mice. <i>JBMR Plus</i> , 2019, 3, e10201.	1.3	13
100	Xenometabolite signatures in the UC Davis type 2 diabetes mellitus rat model revealed using a metabolomics platform enriched with microbe-derived metabolites. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G157-G169.	1.6	13
101	Associations between maternal body mass index and diet composition with placental DNA methylation at term. <i>Placenta</i> , 2020, 93, 74-82.	0.7	13
102	Dietary Blueberry Ameliorates Vascular Complications in Diabetic Mice Possibly through NOX4 and Modulates Composition and Functional Diversity of Gut Microbes. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100784.	1.5	12
103	Feeding soy protein isolate and treatment with estradiol have different effects on mammary gland morphology and gene expression in weanling male and female rats. <i>Physiological Genomics</i> , 2013, 45, 1072-1083.	1.0	11
104	Maternal regulation of SATB2 in osteo \propto progenitors impairs skeletal development in offspring. <i>FASEB Journal</i> , 2020, 34, 2511-2523.	0.2	11
105	Hepatic Fat in Early Childhood Is Independently Associated With Estimated Insulin Resistance: The Healthy Start Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 3140-3150.	1.8	10
106	Mammary gland morphology and gene expression signature of weanling male and female rats following exposure to exogenous estradiol. <i>Experimental Biology and Medicine</i> , 2013, 238, 1033-1046.	1.1	9
107	Skeletal Toxicity of Coplanar Polychlorinated Biphenyl Congener 126 in the Rat Is Aryl Hydrocarbon Receptor Dependent. <i>Toxicological Sciences</i> , 2020, 175, 113-125.	1.4	9
108	Maternal Adiposity is Associated with Fat Mass Accretion in Female but not Male Offspring During the First 2 Years of Life. <i>Obesity</i> , 2020, 28, 624-630.	1.5	9

#	ARTICLE	IF	CITATIONS
109	Progression of diabetes is associated with changes in the ileal transcriptome and ileal colon morphology in the UC Davis Type 2 Diabetes Mellitus rat. <i>Physiological Reports</i> , 2021, 9, e15102.	0.7	9
110	Potential role of gut microbiota, the proto-oncogene PIKE (Agap2) and cytochrome P450 CYP2W1 in promotion of liver cancer by alcoholic and nonalcoholic fatty liver disease and protection by dietary soy protein. <i>Chemico-Biological Interactions</i> , 2020, 325, 109131.	1.7	7
111	Estradiol and NADPH oxidase crosstalk regulates responses to high fat feeding in female mice. <i>Experimental Biology and Medicine</i> , 2019, 244, 834-845.	1.1	6
112	GPR109A mediates the effects of hippuric acid on regulating osteoclastogenesis and bone resorption in mice. <i>Communications Biology</i> , 2021, 4, 53.	2.0	6
113	Exposure to maternal fuels during pregnancy and offspring hepatic fat in early childhood: The healthy start study. <i>Pediatric Obesity</i> , 2022, 17, e12902.	1.4	5
114	Environmental Forces that Shape Early Development: What We Know and Still Need to Know. <i>Current Developments in Nutrition</i> , 2018, 2, nzx002.	0.1	4
115	Soy protein isolate feeding does not result in reproductive toxicity in the pre-pubertal rat testis. <i>Experimental Biology and Medicine</i> , 2018, 243, 695-707.	1.1	4
116	Prepregnancy Fat Free Mass and Associations to Glucose Metabolism Before and During Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1394-1403.	1.8	4
117	Associations of Nutrient Intake Changes During Childhood with Adolescent Hepatic Fat: The Exploring Perinatal Outcomes Among Children Study. <i>Journal of Pediatrics</i> , 2021, 237, 50-58.e3.	0.9	3
118	Soy Formula Is Not Estrogenic and Does Not Result in Reproductive Toxicity in Male Piglets: Results from a Controlled Feeding Study. <i>Nutrients</i> , 2022, 14, 1126.	1.7	3
119	Metabolomic signatures of low and high adiposity neonates differ based on maternal BMI. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, , .	1.8	3
120	Short-Term Increased Physical Activity During Early Life Affects High-Fat Diet-Induced Bone Loss in Young Adult Mice. <i>JBMR Plus</i> , 2021, 5, e10508.	1.3	2
121	Reversing Fetal Undernutrition by Kick-Starting Early Growth. <i>Endocrinology</i> , 2015, 156, 3059-3062.	1.4	1
122	Maternal Obesity and Diet Quality Modulate the Villous Placental Metabolome. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa054_148.	0.1	1
123	Alterations in the Gut Microbiome of Infants Consuming Partially Hydrolyzed Cow Milk Protein Formula. <i>Current Developments in Nutrition</i> , 2021, 5, 750.	0.1	1
124	IS SOY ESTROGENIC? HEPATIC GENE EXPRESSION IN THE PRESENCE OR ABSENCE OF ENDOGENOUS ESTROGEN.. <i>FASEB Journal</i> , 2007, 21, A61.	0.2	1
125	Early growth response protein 1 (EGR1) regulates pro-inflammatory gene expression in response to palmitate and TNF α in human placenta cells and is induced in obese placenta. <i>FASEB Journal</i> , 2013, 27, 109.8.	0.2	1
126	Gut Microbial and Metabolic Signatures are Altered in Adolescents with Type 1 Diabetes. <i>FASEB Journal</i> , 2022, 36, .	0.2	1

#	ARTICLE	IF	CITATIONS
127	Epigenomic Regulation of SATB2 Links Maternal Obesity to Impaired Osteoblast Differentiation (P11-034-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz048.P11-034-19.	0.1	0
128	Increased Physical Activity During Early Life Exacerbates High Fat Diet-Induced Bone Loss in Adult Mice. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa066_004.	0.1	0
129	Associations of Nutrient Intakes in Childhood With Hepatic and Abdominal Fat in Adolescence: The EPOCH Study. <i>Current Developments in Nutrition</i> , 2021, 5, 1022.	0.1	0
130	157-OR: Childhood Nutrient Intake Changes and Adolescent Hepatic Fat: The Exploring Perinatal Outcomes among Children (EPOCH) Study. <i>Diabetes</i> , 2021, 70, 157-OR.	0.3	0
131	Heat Stress-Associated Growth Retardation in the First 1000 Days Is Mitigated by Preconception Nutritional Supplementation. <i>Current Developments in Nutrition</i> , 2021, 5, 88.	0.1	0
132	271-OR: ADA Presidentsâ€™ Select Abstract: MyD88 Signaling in Trophoblasts Is Necessary for Maternal High-Fat Diet-Associated Developmental Programming of Obesity. <i>Diabetes</i> , 2021, 70, 271-OR.	0.3	0
133	Diets containing soy or rice protein isolate (SPI, RPI) increase insulin sensitivity and improve lipid homeostasis in weanling rats fed high fat, high cholesterol Western diets as a result of activation of PPAR and LXR-mediated pathways. <i>FASEB Journal</i> , 2008, 22, 892.2.	0.2	0
134	Hyperinsulinemia and ectopic fat deposition develop in the face of hyperadiponectinemia in young obese rats. <i>FASEB Journal</i> , 2010, 24, 105.6.	0.2	0
135	Feeding soy protein isolate (SPI) does not result in an estrogenic gene expression profile in the mammary of ovariectomized (OVX) female rats. <i>FASEB Journal</i> , 2010, 24, 212.2.	0.2	0
136	Reduced bone mass in obese young rats through PPAR β suppression of Wnt/ β -catenin signaling and direct action of free fatty acids (NEFA). <i>FASEB Journal</i> , 2010, 24, 726.2.	0.2	0
137	Pre-pregnancy BMI and body fat mass of 2 weeks old infants. <i>FASEB Journal</i> , 2011, 25, 990.8.	0.2	0
138	Formula Feeding and Protein Source Alter Hepatic Gene Expression, Iron and Lipid Homeostasis in Neonatal Piglets. <i>FASEB Journal</i> , 2011, 25, .	0.2	0
139	Uterine physiological responses and global gene expression in ovariectomized (OVX) rats treated with soy protein isolate (SPI) or 17 β -estradiol. <i>FASEB Journal</i> , 2012, 26, 243.2.	0.2	0
140	Differences in resting metabolic rate and physical activity patterns in lean and overweight/obese pregnant women. <i>FASEB Journal</i> , 2012, 26, 113.1.	0.2	0
141	Maternal pre-pregnant body mass index and adiposity influence umbilical cord gene expression at term in AGA infants. <i>FASEB Journal</i> , 2013, 27, 109.3.	0.2	0
142	Maternal but not paternal fat mass is positively associated with infant fat mass at age 2 weeks. <i>FASEB Journal</i> , 2013, 27, 111.4.	0.2	0
143	Maternal obesity leads to an inflammatory response and insulin resistance in ovarian tissue. <i>FASEB Journal</i> , 2013, 27, 109.5.	0.2	0
144	Dietary fat source alters hepatic gene expression profile and determines the type of liver pathology in rats overfed via total enteral nutrition. <i>FASEB Journal</i> , 2013, 27, 1072.2.	0.2	0

#	ARTICLE	IF	CITATIONS
145	Placental Transcriptomic Changes Due to Maternal Exercise are Dependent on Maternal Diet and Offspring Sex. <i>FASEB Journal</i> , 2015, 29, 916.2.	0.2	0
146	A Sex-Specific Role for Egr1 in Mediating Norepinephrine-Induced Contraction in Mesenteric Arteries. <i>FASEB Journal</i> , 2016, 30, 738.3.	0.2	0
147	Host diabetes status is the major regulator of gut microbiome in the UCD-T2DM Rat. <i>FASEB Journal</i> , 2017, 31, .	0.2	0
148	Early Diet Has Differential Effects on the Small Intestine Microbiome by Region in Neonatal Piglets. <i>FASEB Journal</i> , 2017, 31, 444.1.	0.2	0
149	First trimester maternal adiposity is associated with infant body fat at age 2 weeks: a longitudinal follow-up study. <i>FASEB Journal</i> , 2017, 31, 958.24.	0.2	0
150	Associations between Early Pregnancy Maternal Body Mass Index (BMI) and Offspring Sex with Placental DNA Methylation at Term. <i>FASEB Journal</i> , 2018, 32, 755.4.	0.2	0
151	Metabolic Consequences of Exposure to Maternal High Fat Diet in Offspring. <i>FASEB Journal</i> , 2019, 33, 591.3.	0.2	0
152	Childhood nutrient intakes are differentially associated with hepatic and abdominal fats in adolescence: The EPOCH study. <i>Obesity</i> , 2022, 30, 460-471.	1.5	0
153	A Novel Mouse Model to Examine the Double-Burden of Ambient Heat and Micronutrient Insufficiency on Fetal Growth. <i>Current Developments in Nutrition</i> , 2022, 6, 79.	0.1	0
154	A Multi-country Association Analysis of Maternal Selenium (Se) Levels and Infant Birth Outcomes: Findings From the Women First Study. <i>Current Developments in Nutrition</i> , 2022, 6, 648.	0.1	0