

Kartik Shankar

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147
papers

4,864
citations

40
h-index

65
g-index

155
ext. papers

5,813
ext. citations

3.8
avg, IF

5.96
L-index

#	Paper	IF	Citations
147	Obesity and pregnancy: mechanisms of short term and long term adverse consequences for mother and child. <i>BMJ, The</i> , 2017 , 356, j1	5.9	409
146	Maternal obesity at conception programs obesity in the offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R528-38	3.2	283
145	Maternal obesity is associated with a lipotoxic placental environment. <i>Placenta</i> , 2014 , 35, 171-7	3.4	181
144	Maternal obesity enhances white adipose tissue differentiation and alters genome-scale DNA methylation in male rat offspring. <i>Endocrinology</i> , 2013 , 154, 4113-25	4.8	114
143	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, G27-38	5.1	98
142	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, 2399-411	6.3	96
141	Calpain released from dying hepatocytes mediates progression of acute liver injury induced by model hepatotoxicants. <i>Toxicology and Applied Pharmacology</i> , 2003 , 191, 211-26	4.6	96
140	Enhanced offspring predisposition to steatohepatitis with maternal high-fat diet is associated with epigenetic and microbiome alterations. <i>PLoS ONE</i> , 2017 , 12, e0175675	3.7	94
139	Saturation toxicokinetics of thioacetamide: role in initiation of liver injury. <i>Drug Metabolism and Disposition</i> , 2005 , 33, 1877-85	4	94
138	Obesity reduces bone density associated with activation of PPAR α and suppression of Wnt/ β -catenin in rapidly growing male rats. <i>PLoS ONE</i> , 2010 , 5, e13704	3.7	93
137	Maternal overweight programs insulin and adiponectin signaling in the offspring. <i>Endocrinology</i> , 2010 , 151, 2577-89	4.8	92
136	The health implications of soy infant formula. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1668S-1672S	7.5	88
135	Effects of N-acetylcysteine on ethanol-induced hepatotoxicity in rats fed via total enteral nutrition. <i>Free Radical Biology and Medicine</i> , 2005 , 39, 619-30	7.8	87
134	Maternal obesity during gestation impairs fatty acid oxidation and mitochondrial SIRT3 expression in rat offspring at weaning. <i>PLoS ONE</i> , 2011 , 6, e24068	3.7	86
133	Maternal obesity promotes a proinflammatory signature in rat uterus and blastocyst. <i>Endocrinology</i> , 2011 , 152, 4158-70	4.8	84
132	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	3.7	82
131	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, E376-92	5.6	81

130	A role for ethanol-induced oxidative stress in controlling lineage commitment of mesenchymal stromal cells through inhibition of Wnt/beta-catenin signaling. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 1117-27	6.3	81
129	Epigenomic Regulation of SATB2 Links Maternal Obesity to Impaired Osteoblast Differentiation (P11-034-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
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, 1749-1749	0.4	78
127	Associations of Nutrient Intakes in Childhood With Hepatic and Abdominal Fat in Adolescence: The EPOCH Study. <i>Current Developments in Nutrition</i> , 2021 , 5, 1022-1022	0.4	78
126	Heat Stress-Associated Growth Retardation in the First 1000 Days Is Mitigated by Preconception Nutritional Supplementation. <i>Current Developments in Nutrition</i> , 2021 , 5, 88-88	0.4	78
125	N-acetylcysteine attenuates progression of liver pathology in a rat model of nonalcoholic steatohepatitis. <i>Journal of Nutrition</i> , 2008 , 138, 1872-9	4.1	71
124	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-kappaB ligand signaling cascade. <i>Journal of Pharmacology and Experimental Therapeutics</i> ,	4.7	68
123	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, E1-14	6	62
122	Formula diet driven microbiota shifts tryptophan metabolism from serotonin to tryptamine in neonatal porcine colon. <i>Microbiome</i> , 2017 , 5, 77	16.6	56
121	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, 344-55	3.7	56
120	Activation of PPAR-alpha in streptozotocin-induced diabetes is essential for resistance against acetaminophen toxicity. <i>FASEB Journal</i> , 2003 , 17, 1748-50	0.9	56
119	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	3.7	54
118	Estradiol protects against ethanol-induced bone loss by inhibiting up-regulation of receptor activator of nuclear factor-kappaB ligand in osteoblasts. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 1182-90	4.7	52
117	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, 841-50	3.6	51
116	Longitudinal body composition of children born to mothers with normal weight, overweight, and obesity. <i>Obesity</i> , 2015 , 23, 1252-8	8	48
115	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, 1748-56	4.8	47
114	Inhibition of fetal bone development through epigenetic down-regulation of HoxA10 in obese rats fed high-fat diet. <i>FASEB Journal</i> , 2012 , 26, 1131-41	0.9	45
113	Inhibition of NADPH oxidases prevents chronic ethanol-induced bone loss in female rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 734-42	4.7	45

112	Potential of carbon tetrachloride hepatotoxicity and lethality in type 2 diabetic rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 694-704	4.7	45
111	A comprehensive analysis of the human placenta transcriptome. <i>Placenta</i> , 2014 , 35, 125-31	3.4	44
110	Type 1 diabetic mice are protected from acetaminophen hepatotoxicity. <i>Toxicological Sciences</i> , 2003 , 73, 220-34	4.4	44
109	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	4.9	44
108	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	6.4	42
107	Renal injury and repair following S-1, 2 dichlorovinyl-L-cysteine administration to mice. <i>Toxicology and Applied Pharmacology</i> , 2003 , 188, 110-21	4.6	38
106	Are early first trimester weights valid proxies for preconception weight?. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 357	3.2	37
105	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	5.6	36
104	Physiologic and genomic analyses of nutrition-ethanol interactions during gestation: Implications for fetal ethanol toxicity. <i>Experimental Biology and Medicine</i> , 2006 , 231, 1379-97	3.7	36
103	Maternal adiposity negatively influences infant brain white matter development. <i>Obesity</i> , 2015 , 23, 1047-54	4.8	35
102	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	3	34
101	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	6.3	34
100	Carbohydrate-responsive gene expression in the adipose tissue of rats. <i>Endocrinology</i> , 2010 , 151, 153-64	4.8	33
99	Early Postnatal Diets Affect the Bioregional Small Intestine Microbiome and Ileal Metabolome in Neonatal Pigs. <i>Journal of Nutrition</i> , 2017 , 147, 1499-1509	4.1	32
98	Estrogenic status modulates aryl hydrocarbon receptor-mediated hepatic gene expression and carcinogenicity. <i>Carcinogenesis</i> , 2008 , 29, 227-36	4.6	32
97	Streptozotocin-induced diabetic mice are resistant to lethal effects of thioacetamide hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2003 , 188, 122-34	4.6	32
96	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	4.4	32
95	Transcriptomic and epigenomic landscapes during cell fusion in BeWo trophoblast cells. <i>Placenta</i> , 2015 , 36, 1342-51	3.4	31

94	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, 747-54	5.7	31
93	Different molecular mechanisms underlie ethanol-induced bone loss in cycling and pregnant rats. <i>Endocrinology</i> , 2006 , 147, 166-78	4.8	31
92	Diallyl sulfide inhibition of CYP2E1 does not rescue diabetic rats from thioacetamide-induced mortality. <i>Toxicology and Applied Pharmacology</i> , 2001 , 173, 27-37	4.6	31
91	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, 215-27	4.4	29
90	Maternal Obesity Programs Senescence Signaling and Glucose Metabolism in Osteo-Progenitors From Rat and Human. <i>Endocrinology</i> , 2016 , 157, 4172-4183	4.8	28
89	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	4.6	27
88	Chronic ethanol consumption inhibits postlactational anabolic bone rebuilding in female rats. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 338-49	6.3	27
87	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, G355-64	5.1	26
86	The effects of pregnancy on ethanol clearance. <i>Life Sciences</i> , 2005 , 77, 2111-26	6.8	26
85	Molecular mechanisms of renal tissue repair in survival from acute renal tubule necrosis: role of ERK1/2 pathway. <i>Toxicologic Pathology</i> , 2003 , 31, 604-18	2.1	26
84	Early soy exposure via maternal diet regulates rat mammary epithelial differentiation by paracrine signaling from stromal adipocytes. <i>Journal of Nutrition</i> , 2009 , 139, 945-51	4.1	25
83	Maternal pregravid obesity changes gene expression profiles toward greater inflammation and reduced insulin sensitivity in umbilical cord. <i>Pediatric Research</i> , 2014 , 76, 202-10	3.2	23
82	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	6.3	22
81	Hepatic gene expression following consumption of soy protein isolate in female Sprague-Dawley rats differs from that produced by 17{beta}-estradiol treatment. <i>Journal of Endocrinology</i> , 2009 , 202, 141-52	4.7	22
80	Effects of pregnancy and nutritional status on alcohol metabolism. <i>Alcohol Research</i> , 2007 , 30, 55-9		22
79	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, 905-16	12.7	21
78	Maternal obesity impairs skeletal development in adult offspring. <i>Journal of Endocrinology</i> , 2018 , 239, 33-47	4.7	20
77	RNA-seq analysis of the functional compartments within the rat placentation site. <i>Endocrinology</i> , 2012 , 153, 1999-2011	4.8	20

76	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	7	19
75	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, 1013-20	3.4	19
74	Formula feeding alters hepatic gene expression signature, iron and cholesterol homeostasis in the neonatal pig. <i>Physiological Genomics</i> , 2011 , 43, 1281-93	3.6	19
73	Sex-Specific Changes in Gut Microbiome Composition following Blueberry Consumption in C57BL/6J Mice. <i>Nutrients</i> , 2019 , 11,	6.7	19
72	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	6	18
71	Cecal versus fecal microbiota in Ossabaw swine and implications for obesity. <i>Physiological Genomics</i> , 2018 , 50, 355-368	3.6	17
70	A Behavioral Intervention to Reduce Excessive Gestational Weight Gain. <i>Maternal and Child Health Journal</i> , 2017 , 21, 485-491	2.4	17
69	Body fat mass of exclusively breastfed infants born to overweight mothers. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012 , 112, 991-5	3.9	17
68	Placental transcriptome co-expression analysis reveals conserved regulatory programs across gestation. <i>BMC Genomics</i> , 2017 , 18, 10	4.5	16
67	Distinct adipogenic differentiation phenotypes of human umbilical cord mesenchymal cells dependent on adipogenic conditions. <i>Experimental Biology and Medicine</i> , 2014 , 239, 1340-51	3.7	16
66	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	6	15
65	Maternal obesity and gestational weight gain are modestly associated with umbilical cord DNA methylation. <i>Placenta</i> , 2017 , 57, 194-203	3.4	15
64	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, E269-77	6	15
63	Human Breast-Milk Feeding Enhances the Humoral and Cell-Mediated Immune Response in Neonatal Piglets. <i>Journal of Nutrition</i> , 2018 , 148, 1860-1870	4.1	15
62	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	3.7	14
61	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, 888-95	3.7	14
60	Infant Formula Feeding Increases Hepatic Cholesterol 7 β -Hydroxylase (CYP7A1) Expression and Fecal Bile Acid Loss in Neonatal Piglets. <i>Journal of Nutrition</i> , 2018 , 148, 702-711	4.1	13
59	Neonatal Diet Impacts Bioregional Microbiota Composition in Piglets Fed Human Breast Milk or Infant Formula. <i>Journal of Nutrition</i> , 2019 , 149, 2236-2246	4.1	13

58	Bidirectional signaling of mammary epithelium and stroma: implications for breast cancer--preventive actions of dietary factors. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 605-11	6.3	13
57	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, 6021-32	4.8	13
56	Hyperinsulinemia and ectopic fat deposition can develop in the face of hyperadiponectinemia in young obese rats. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 142-52	6.3	12
55	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, 10-6	4.1	12
54	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	13.3	12
53	Dietary factors during early life program bone formation in female rats. <i>FASEB Journal</i> , 2017 , 31, 376-387.9	7.9	11
52	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	6	11
51	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	4.6	11
50	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, 1072-83	3.6	10
49	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, 1033-46	3.7	9
48	3-(3-Hydroxyphenyl)-Propionic Acid (PPA) Suppresses Osteoblastic Cell Senescence to Promote Bone Accretion in Mice. <i>JBMR Plus</i> , 2019 , 3, e10201	3.9	8
47	Intrinsic High Aerobic Capacity in Male Rats Protects Against Diet-Induced Insulin Resistance. <i>Endocrinology</i> , 2019 , 160, 1179-1192	4.8	6
46	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	5.1	6
45	Skeletal Toxicity of Coplanar Polychlorinated Biphenyl Congener 126 in the Rat Is Aryl Hydrocarbon Receptor Dependent. <i>Toxicological Sciences</i> , 2020 , 175, 113-125	4.4	6
44	Parental adiposity differentially associates with newborn body composition. <i>Pediatric Obesity</i> , 2020 , 15, e12596	4.6	6
43	Maternal diet quality during pregnancy is associated with biomarkers of metabolic risk among male offspring. <i>Diabetologia</i> , 2021 , 64, 2478-2490	10.3	5
42	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	5.6	4
41	Associations between maternal body mass index and diet composition with placental DNA methylation at term. <i>Placenta</i> , 2020 , 93, 74-82	3.4	4

40	Estradiol and NADPH oxidase crosstalk regulates responses to high fat feeding in female mice. <i>Experimental Biology and Medicine</i> , 2019 , 244, 834-845	3.7	3
39	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	5	3
38	Maternal regulation of SATB2 in osteo-progeniters impairs skeletal development in offspring. <i>FASEB Journal</i> , 2020 , 34, 2511-2523	0.9	3
37	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	5.6	3
36	Associations between Maternal Diet, Body Composition and Gut Microbial Ecology in Pregnancy. <i>Nutrients</i> , 2021 , 13,	6.7	3
35	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	8	2
34	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	3.9	2
33	Environmental Forces that Shape Early Development: What We Know and Still Need to Know. <i>Current Developments in Nutrition</i> , 2018 , 2, nzx002	0.4	2
32	EB 2017 Article: 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	3.7	2
31	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	3.6	2
30	Associations between maternal obesity and offspring gut microbiome in the first year of life.. <i>Pediatric Obesity</i> , 2022 , e12921	4.6	2
29	Reversing Fetal Undernutrition by Kick-Starting Early Growth. <i>Endocrinology</i> , 2015 , 156, 3059-62	4.8	1
28	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 , e2100784	5.9	1
27	Exposure to maternal fuels during pregnancy and offspring hepatic fat in early childhood: The healthy start study.. <i>Pediatric Obesity</i> , 2022 , e12902	4.6	1
26	IS SOY ESTROGENIC? HEPATIC GENE EXPRESSION IN THE PRESENCE OR ABSENCE OF ENDOGENOUS ESTROGEN.. <i>FASEB Journal</i> , 2007 , 21, A61	0.9	1
25	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	0.9	1
24	GPR109A mediates the effects of hippuric acid on regulating osteoclastogenesis and bone resorption in mice. <i>Communications Biology</i> , 2021 , 4, 53	6.7	1
23	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	2.6	0

22	Maternal Obesity and Diet Quality Modulate the Villous Placental Metabolome. <i>Current Developments in Nutrition</i> , 2020 , 4, 1076-1076	0.4	o
21	Alterations in the Gut Microbiome of Infants Consuming Partially Hydrolyzed Cow Milk Protein Formula. <i>Current Developments in Nutrition</i> , 2021 , 5, 750-750	0.4	o
20	Childhood nutrient intakes are differentially associated with hepatic and abdominal fats in adolescence: The EPOCH study.. <i>Obesity</i> , 2022 , 30, 460-471	8	
19	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	0.9	
18	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	0.9	
17	Metabolic Consequences of Exposure to Maternal High Fat Diet in Offspring. <i>FASEB Journal</i> , 2019 , 33, 591.3	0.9	
16	Placental Transcriptomic Changes Due to Maternal Exercise are Dependent on Maternal Diet and Offspring Sex. <i>FASEB Journal</i> , 2015 , 29, 916.2	0.9	
15	A Sex-Specific Role for Egr1 in Mediating Norepinephrine-Induced Contraction in Mesenteric Arteries. <i>FASEB Journal</i> , 2016 , 30, 738.3	0.9	
14	Early Diet Has Differential Effects on the Small Intestine Microbiome by Region in Neonatal Piglets. <i>FASEB Journal</i> , 2017 , 31, 444.1	0.9	
13	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	0.9	
12	Hyperinsulinemia and ectopic fat deposition develop in the face of hyperadiponectinemia in young obese rats. <i>FASEB Journal</i> , 2010 , 24, 105.6	0.9	
11	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	0.9	
10	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	0.9	
9	Pre-pregnancy BMI and body fat mass of 2 weeks old infants. <i>FASEB Journal</i> , 2011 , 25, 990.8	0.9	
8	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	0.9	
7	Differences in resting metabolic rate and physical activity patterns in lean and overweight/obese pregnant women. <i>FASEB Journal</i> , 2012 , 26, 113.1	0.9	
6	Maternal pre-gravid body mass index and adiposity influence umbilical cord gene expression at term in AGA infants. <i>FASEB Journal</i> , 2013 , 27, 109.3	0.9	
5	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	0.9	

- 4 Maternal obesity leads to an inflammatory response and insulin resistance in ovarian tissue. *FASEB Journal*, **2013**, 27, 109.5 0.9
- 3 Dietary fat source alters hepatic gene expression profile and determines the type of liver pathology in rats overfed via total enteral nutrition. *FASEB Journal*, **2013**, 27, 1072.2 0.9
- 2 157-OR: Childhood Nutrient Intake Changes and Adolescent Hepatic Fat: The Exploring Perinatal Outcomes among Children (EPOCH) Study. *Diabetes*, **2021**, 70, 157-OR 0.9
- 1 271-OR: ADA Presidents Select Abstract: MyD88 Signaling in Trophoblasts Is Necessary for Maternal High-Fat Diet-Associated Developmental Programming of Obesity. *Diabetes*, **2021**, 70, 271-OR^{0.9}