

Brian D Piccolo

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

820
citations

566801

15
h-index

552369

26
g-index

28
all docs

28
docs citations

28
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistant starch alters gut microbiome and metabolomic profiles concurrent with amelioration of chronic kidney disease in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F857-F871.	1.3	208
2	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
3	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
4	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
5	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
6	Mice Fed a High-Fat Diet Supplemented with Resistant Starch Display Marked Shifts in the Liver Metabolome Concurrent with Altered Gut Bacteria. <i>Journal of Nutrition</i> , 2016, 146, 2476-2490.	1.3	44
7	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
8	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
9	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
10	Sex-Specific Changes in Gut Microbiome Composition following Blueberry Consumption in C57BL/6J Mice. <i>Nutrients</i> , 2019, 11, 313.	1.7	27
11	Plasma amino acid and metabolite signatures tracking diabetes progression in the UCD-T2DM rat model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E958-E969.	1.8	24
12	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
13	Oxylipin Profiling of Alzheimer's Disease in Nondiabetic and Type 2 Diabetic Elderly. <i>Metabolites</i> , 2019, 9, 177.	1.3	19
14	Unique plasma metabolomic signatures of individuals with inherited disorders of long-chain fatty acid oxidation. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 399-408.	1.7	18
15	Diabetes-associated alterations in the cecal microbiome and metabolome are independent of diet or environment in the UC Davis Type 2 Diabetes Mellitus Rat model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E961-E972.	1.8	18
16	Associations between Maternal Diet, Body Composition and Gut Microbial Ecology in Pregnancy. <i>Nutrients</i> , 2021, 13, 3295.	1.7	18
17	Dynamic assessment of microbial ecology (DAME): a web app for interactive analysis and visualization of microbial sequencing data. <i>Bioinformatics</i> , 2018, 34, 1050-1052.	1.8	16
18	Associations between maternal obesity and offspring gut microbiome in the first year of life. <i>Pediatric Obesity</i> , 2022, 17, e12921.	1.4	15

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19	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
20	The serum metabolomics signature of type 2 diabetes is obscured in Alzheimer's disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E584-E596.	1.8	10
21	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
22	Oral ibuprofen differentially affects plasma and sweat lipid mediator profiles in healthy adult males. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 137, 1-8.	1.0	7
23	Circulating 25-Hydroxyvitamin D Concentrations in Overweight and Obese Adults Are Explained by Sun Exposure, Skin Reflectance, and Body Composition. <i>Current Developments in Nutrition</i> , 2019, 3, nzz065.	0.1	4
24	Net release and uptake of xenometabolites across intestinal, hepatic, muscle, and renal tissue beds in healthy conscious pigs. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G133-G141.	1.6	4
25	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
26	Cesarean section increases cecal abundance of the archetypal bile acid and glucocorticoid modifying <i>Lachnospirillum</i> [clostridium] <i>scindens</i> in mice. <i>Physiological Reports</i> , 2022, 10, .	0.7	3
27	Fasting plasma metabolomics reveal specific dietary patterns in sow-fed neonatal piglets compared to soy- or dairy-based formula feeding. <i>FASEB Journal</i> , 2016, 30, .	0.2	0
28	Metabolic Consequences of Exposure to Maternal High Fat Diet in Offspring. <i>FASEB Journal</i> , 2019, 33, 591.3.	0.2	0