SEAN H ADAMS

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6948285/publications.pdf

Version: 2024-02-01

54 papers	5,675 citations	212478 28 h-index	175968 55 g-index
55 all docs	55 docs citations	55 times ranked	11358 citing authors

#	Article	IF	Citations
1	Dairy Foods and Dairy Fats: New Perspectives on Pathways Implicated in Cardiometabolic Health. Advances in Nutrition, 2020, 11, 266-279.	2.9	21
2	Impact of a weight loss and fitness intervention on exerciseâ€associated plasma oxylipin patterns in obese, insulinâ€resistant, sedentary women. Physiological Reports, 2020, 8, e14547.	0.7	14
3	Blood cytokine patterns suggest a modest inflammation phenotype in subjects with longâ€chain fatty acid oxidation disorders. Physiological Reports, 2019, 7, e14037.	0.7	14
4	Cesarean Delivery Impacts Infant Brain Development. American Journal of Neuroradiology, 2019, 40, 169-177.	1.2	26
5	Anesthesia and bariatric surgery gut preparation alter plasma acylcarnitines reflective of mitochondrial fat and branched-chain amino acid oxidation. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E690-E698.	1.8	5
6	Early Postnatal Diets Affect the Bioregional Small Intestine Microbiome and Ileal Metabolome in Neonatal Pigs. Journal of Nutrition, 2017, 147, 1499-1509.	1.3	55
7	A novel amino acid and metabolomics signature in mice overexpressing muscle uncoupling protein 3. FASEB Journal, 2017, 31, 814-827.	0.2	18
8	Acylcarnitines as markers of exerciseâ€associated fuel partitioning, xenometabolism, and potential signals to muscle afferent neurons. Experimental Physiology, 2017, 102, 48-69.	0.9	49
9	Application of an In Vivo Hepatic Triacylglycerol Production Method in the Setting of a High-Fat Diet in Mice. Nutrients, 2017, 9, 16.	1.7	4
10	Impact of Dietary Fibers on Nutrient Management and Detoxification Organs: Gut, Liver, and Kidneys. Advances in Nutrition, 2016, 7, 1111-1121.	2.9	51
11	Novel Molecular Interactions of Acylcarnitines and Fatty Acids with Myoglobin. Journal of Biological Chemistry, 2016, 291, 25133-25143.	1.6	23
12	Mice Fed a High-Fat Diet Supplemented with Resistant Starch Display Marked Shifts in the Liver Metabolome Concurrent with Altered Gut Bacteria. Journal of Nutrition, 2016, 146, 2476-2490.	1.3	44
13	Obese Mice Fed a Diet Supplemented with Enzyme-Treated Wheat Bran Display Marked Shifts in the Liver Metabolome Concurrent with Altered Gut Bacteria. Journal of Nutrition, 2016, 146, 2445-2460.	1.3	16
14	Unique plasma metabolomic signatures of individuals with inherited disorders of longâ€chain fatty acid oxidation. Journal of Inherited Metabolic Disease, 2016, 39, 399-408.	1.7	18
15	Acute Treatment With XMetA Activates Hepatic Insulin Receptors and Lowers Blood Glucose in Normal Mice. Journal of Cellular Biochemistry, 2015, 116, 2109-2119.	1.2	6
16	Evaluation of the Synuclein-Î³ (SNCG) Gene as a PPARÎ³ Target in Murine Adipocytes, Dorsal Root Ganglia Somatosensory Neurons, and Human Adipose Tissue. PLoS ONE, 2015, 10, e0115830.	1.1	8
17	Habitual Physical Activity and Plasma Metabolomic Patterns Distinguish Individuals with Low vs. High Weight Loss during Controlled Energy Restriction. Journal of Nutrition, 2015, 145, 681-690.	1.3	34
18	Differential Pathway Coupling of the Activated Insulin Receptor Drives Signaling Selectivity by XMetA, an Allosteric Partial Agonist Antibody. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 35-43.	1.3	23

#	Article	IF	Citations
19	Whey Protein Supplementation Does Not Alter Plasma Branched-Chained Amino Acid Profiles but Results in Unique Metabolomics Patterns in Obese Women Enrolled in an 8-Week Weight Loss Trial. Journal of Nutrition, 2015, 145, 691-700.	1.3	53
20	Molecular Dynamic Simulations Reveal the Structural Determinants of Fatty Acid Binding to Oxy-Myoglobin. PLoS ONE, 2015, 10, e0128496.	1.1	27
21	Improved Metabolic Health Alters Host Metabolism in Parallel with Changes in Systemic Xeno-Metabolites of Gut Origin. PLoS ONE, 2014, 9, e84260.	1.1	39
22	Prevalence of Undiagnosed and Inadequately Treated Type 2 Diabetes Mellitus, Hypertension, and Dyslipidemia in Morbidly Obese Patients Who Present for Bariatric Surgery. Obesity Surgery, 2014, 24, 927-935.	1.1	12
23	Associations among endocrine, inflammatory, and bone markers, body composition and weight loss induced bone loss. Bone, 2014, 64, 138-146.	1.4	30
24	Branched-chain amino acids in metabolic signalling and insulin resistance. Nature Reviews Endocrinology, 2014, 10, 723-736.	4.3	1,006
25	Acylcarnitines activate proinflammatory signaling pathways. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1378-E1387.	1.8	225
26	Relations between Metabolic Homeostasis, Diet, and Peripheral Afferent Neuron Biology. Advances in Nutrition, 2014, 5, 386-393.	2.9	15
27	A diet containing a nonfat dry milk matrix significantly alters systemic oxylipins and the endocannabinoid 2-arachidonoylglycerol (2-AG) in diet-induced obese mice. Nutrition and Metabolism, 2014, 11, 24.	1.3	7
28	Contributions of adipose tissue architectural and tensile properties toward defining healthy and unhealthy obesity. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E233-E246.	1.8	90
29	A dairyâ€based high calcium diet improves glucose homeostasis and reduces steatosis in the context of preexisting obesity. Obesity, 2013, 21, E229-35.	1.5	21
30	Regulation of hepatic branched-chain Î±-ketoacid dehydrogenase complex in rats fed a high-fat diet. Obesity Research and Clinical Practice, 2013, 7, e439-e444.	0.8	24
31	Regulation of adipose branched-chain amino acid catabolism enzyme expression and cross-adipose amino acid flux in human obesity. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E1175-E1187.	1.8	267
32	Dairy Food Consumption and Meal-Induced Cortisol Response Interacted to Influence Weight Loss in Overweight Women Undergoing a 12-Week, Meal-Controlled, Weight Loss Intervention. Journal of Nutrition, 2013, 143, 46-52.	1.3	16
33	Association between Subcutaneous White Adipose Tissue and Serum 25-Hydroxyvitamin D in Overweight and Obese Adults. Nutrients, 2013, 5, 3352-3366.	1.7	41
34	Leucine and Protein Metabolism in Obese Zucker Rats. PLoS ONE, 2013, 8, e59443.	1.1	91
35	Increased lipolysis and altered lipid homeostasis protect Â-synuclein-null mutant mice from diet-induced obesity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20943-20948.	3.3	26
36	Saturated fatty acids activate TLR-mediated proinflammatory signaling pathways. Journal of Lipid Research, 2012, 53, 2002-2013.	2.0	479

#	Article	IF	Citations
37	Type 2 Diabetes Associated Changes in the Plasma Non-Esterified Fatty Acids, Oxylipins and Endocannabinoids. PLoS ONE, 2012, 7, e48852.	1.1	109
38	A high calcium diet containing nonfat dry milk reduces weight gain and associated adipose tissue inflammation in diet-induced obese mice when compared to high calcium alone. Nutrition and Metabolism, 2012, 9, 3.	1.3	27
39	Performance on the Iowa Gambling Task is related to magnitude of weight loss and salivary cortisol in a diet-induced weight loss intervention in overweight women. Physiology and Behavior, 2012, 106, 291-297.	1.0	28
40	Emerging Perspectives on Essential Amino Acid Metabolism in Obesity and the Insulin-Resistant State. Advances in Nutrition, 2011, 2, 445-456.	2.9	315
41	Inflammatory Phenotyping Identifies CD11d as a Gene Markedly Induced in White Adipose Tissue in Obese Rodents and Women. Journal of Nutrition, 2011, 141, 1172-1180.	1.3	34
42	Davalintide (AC2307), a novel amylin-mimetic peptide: enhanced pharmacological properties over native amylin to reduce food intake and body weight. International Journal of Obesity, 2010, 34, 385-395.	1.6	90
43	Plasma Metabolomic Profiles Reflective of Glucose Homeostasis in Non-Diabetic and Type 2 Diabetic Obese African-American Women. PLoS ONE, 2010, 5, e15234.	1.1	367
44	Molecular Characterization of the Tumor Suppressor Candidate 5 Gene: Regulation by PPARÎ³and Identification of TUSC5 Coding Variants in Lean and Obese Humans. PPAR Research, 2009, 2009, 1-13.	1.1	12
45	Increased expression of receptors for orexigenic factors in nodose ganglion of diet-induced obese rats. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E898-E903.	1.8	79
46	Plasma Acylcarnitine Profiles Suggest Incomplete Long-Chain Fatty Acid Î²-Oxidation and Altered Tricarboxylic Acid Cycle Activity in Type 2 Diabetic African-American Women. Journal of Nutrition, 2009, 139, 1073-1081.	1.3	508
47	Endocrine and Metabolic Effects of Consuming Fructose- and Glucose-Sweetened Beverages with Meals in Obese Men and Women: Influence of Insulin Resistance on Plasma Triglyceride Responses. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1562-1569.	1.8	261
48	PYY[3-36] Administration Decreases the Respiratory Quotient and Reduces Adiposity in Diet-Induced Obese Mice. Journal of Nutrition, 2006, 136, 195-201.	1.3	78
49	Fibroblast Growth Factor 19 Increases Metabolic Rate and Reverses Dietary and Leptin-Deficient Diabetes. Endocrinology, 2004, 145, 2594-2603.	1.4	494
50	Cold elicits the simultaneous induction of fatty acid synthesis and Î²â€oxidation in murine brown adipose tissue: prediction from differential gene expression and confirmation in vivo. FASEB Journal, 2002, 16, 155-168.	0.2	184
51	BFIT, a unique acyl-CoA thioesterase induced in thermogenic brown adipose tissue: cloning, organization of the human gene and assessment of a potential link to obesity. Biochemical Journal, 2001, 360, 135.	1.7	41
52	Perspectives on the biology of uncoupling protein (UCP) homologues. Biochemical Society Transactions, 2001, 29, 798-802.	1.6	6
53	Characterization of novel UCP5/BMCP1 isoforms and differential regulation of UCP4 and UCP5 expression through dietary or temperature manipulation. FASEB Journal, 2000, 14, 1611-1618.	0.2	117
54	Gene expression of mitochondrial 3-hydroxy-3-methylglutaryl-CoA synthase in a poorly ketogenic mammal: effect of starvation during the neonatal period of the piglet. Biochemical Journal, 1997, 324, 65-73.	1.7	26