Trina A Knotts

List of Publications by Year
in descending order

36 papers	4,117 citations	361413 20 h-index	477307 29 g-index
36 all docs	36 docs citations	36 times ranked	6348 citing authors

#	Article	IF	Citations
1	Inhibition of Ceramide Synthesis Ameliorates Glucocorticoid-, Saturated-Fat-, and Obesity-Induced Insulin Resistance. Cell Metabolism, 2007, 5, 167-179.	16.2	1,048
2	Lipid-induced insulin resistance mediated by the proinflammatory receptor TLR4 requires saturated fatty acidâ€“induced ceramide biosynthesis in mice. Journal of Clinical Investigation, 2011, 121, 1858-1870.	8.2	566
3	A Role for Ceramide, but Not Diacylglycerol, in the Antagonism of Insulin Signal Transduction by Saturated Fatty Acids. Journal of Biological Chemistry, 2003, 278, 10297-10303.	3.4	500
4	A Ketogenic Diet Extends Longevity and Healthspan in Adult Mice. Cell Metabolism, 2017, 26, 539-546.e5.	16.2	348
5	The Nuclear Corepressors NCoR and SMRT Are Key Regulators of Both Ligand- and 8-Bromo-Cyclic AMP-Dependent Transcriptional Activity of the Human Progesterone Receptor. Molecular and Cellular Biology, 1998, 18, 1369-1378.	2.3	242
6	Acylcarnitinesâ€”old actors auditioning for new roles in metabolic physiology. Nature Reviews Endocrinology, 2015, 11, 617-625.	9.6	229
7	Acylcarnitines activate proinflammatory signaling pathways. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1378-E1387.	3.5	225
8	Acylcarnitines: potential implications for skeletal muscle insulin resistance. FASEB Journal, 2015, 29, 336-345.	0.5	191
9	Lipid Mediators of Insulin Resistance. Nutrition Reviews, 2007, 65, S39-S46.	5.8	135
10	Identification of a Phosphorylation Site in the Hinge Region of the Human Progesterone Receptor and Additional Amino-terminal Phosphorylation Sites. Journal of Biological Chemistry, 2001, 276, 8475-8483.	3.4	92
11	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.	3.5	79
12	Myelin as a regulator of development of the microbiota-gut-brain axis. Brain, Behavior, and Immunity, 2021, 91, 437-450.	4.1	59
13	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.	2.9	53
14	Long-chain acylcarnitines activate cell stress and myokine release in C₂C₁₂myotubes: calcium-dependent and -independent effects. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E990-E1000.	3.5	48
15	Characterization of Tusc5, an adipocyte gene co-expressed in peripheral neurons. Molecular and Cellular Endocrinology, 2007, 276, 24-35.	3.2	44
16	Reduced cognitive function, increased blood-brain-barrier transport and inflammatory responses, and altered brain metabolites in LDLr -/-and C57BL/6 mice fed a western diet. PLoS ONE, 2018, 13, e0191909.	2.5	42
17	Sex differences in response to short-term high fat diet in mice. Physiology and Behavior, 2020, 221, 112894.	2.1	42
18	Effects of obesity, energy restriction and neutering on the faecal microbiota of cats. British Journal of Nutrition, 2017, 118, 513-524.	2.3	27

#	Article	IF	Citations
19	A murine model of pediatric inflammatory bowel disease causes microbiota-gut-brain axis deficits in adulthood. American Journal of Physiology - Renal Physiology, 2020, 319, G361-G374.	3.4	27
20	Î³-Synuclein Is an Adipocyte-Neuron Gene Coordinately Expressed with Leptin and Increased in Human Obesity. Journal of Nutrition, 2008, 138, 841-848.	2.9	23
21	Region-Specific Cell Membrane N-Glycome of Functional Mouse Brain Areas Revealed by nanoLC-MS Analysis. Molecular and Cellular Proteomics, 2021, 20, 100130.	3.8	19
22	Unique plasma metabolomic signatures of individuals with inherited disorders of longâ€chain fatty acid oxidation. Journal of Inherited Metabolic Disease, 2016, 39, 399-408.	3.6	18
23	Blood cytokine patterns suggest a modest inflammation phenotype in subjects with longâ€chain fatty acid oxidation disorders. Physiological Reports, 2019, 7, e14037.	1.7	14
24	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.	2.4	12
25	MeCP2 isoform e1 mutant mice recapitulate motor and metabolic phenotypes of Rett syndrome. Human Molecular Genetics, 2018, 27, 4077-4093.	2.9	9
26	Neonatal Enteropathogenic Escherichia coli Infection Disrupts Microbiota-Gut-Brain Axis Signaling. Infection and Immunity, 2021, 89, e0005921.	2.2	9
27	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.	2.5	8
28	Sexâ€specific alterations in whole body energetics and voluntary activity in heterozygous R163C malignant hyperthermiaâ€susceptible mice. FASEB Journal, 2020, 34, 8721-8733.	0.5	6
29	Specific ablation of the NCoR corepressor Î´ splice variant reveals alternative RNA splicing as a key regulator of hepatic metabolism. PLoS ONE, 2020, 15, e0241238.	2.5	2
30	Can diet influence the expression of genes associated with control of appetite?. FASEB Journal, 2008, 22, 1184.2.	0.5	0
31	Title is missing!. , 2020, 15, e0241238.		0
32	Title is missing!. , 2020, 15, e0241238.		0
33	Title is missing!. , 2020, 15, e0241238.		0
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