

# Trina A Knotts

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Myelin as a regulator of development of the microbiota-gut-brain axis. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 437-450.	4.1	59
2	Region-Specific Cell Membrane N-Glycome of Functional Mouse Brain Areas Revealed by nanoLC-MS Analysis. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100130.	3.8	19
3	Neonatal Enteropathogenic <i>Escherichia coli</i> Infection Disrupts Microbiota-Gut-Brain Axis Signaling. <i>Infection and Immunity</i> , 2021, 89, e0005921.	2.2	9
4	A murine model of pediatric inflammatory bowel disease causes microbiota-gut-brain axis deficits in adulthood. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G361-G374.	3.4	27
5	Sex-specific alterations in whole body energetics and voluntary activity in heterozygous R163C malignant hyperthermia-susceptible mice. <i>FASEB Journal</i> , 2020, 34, 8721-8733.	0.5	6
6	Sex differences in response to short-term high fat diet in mice. <i>Physiology and Behavior</i> , 2020, 221, 112894.	2.1	42
7	Specific ablation of the NCoR corepressor $\hat{I}$ splice variant reveals alternative RNA splicing as a key regulator of hepatic metabolism. <i>PLoS ONE</i> , 2020, 15, e0241238.	2.5	2
8	Title is missing!. , 2020, 15, e0241238.		0
9	Title is missing!. , 2020, 15, e0241238.		0
10	Title is missing!. , 2020, 15, e0241238.		0
11	Title is missing!. , 2020, 15, e0241238.		0
12	Title is missing!. , 2020, 15, e0241238.		0
13	Title is missing!. , 2020, 15, e0241238.		0
14	Blood cytokine patterns suggest a modest inflammation phenotype in subjects with long-chain fatty acid oxidation disorders. <i>Physiological Reports</i> , 2019, 7, e14037.	1.7	14
15	MeCP2 isoform e1 mutant mice recapitulate motor and metabolic phenotypes of Rett syndrome. <i>Human Molecular Genetics</i> , 2018, 27, 4077-4093.	2.9	9
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. <i>PLoS ONE</i> , 2018, 13, e0191909.	2.5	42
17	Effects of obesity, energy restriction and neutering on the faecal microbiota of cats. <i>British Journal of Nutrition</i> , 2017, 118, 513-524.	2.3	27
18	A Ketogenic Diet Extends Longevity and Healthspan in Adult Mice. <i>Cell Metabolism</i> , 2017, 26, 539-546.e5.	16.2	348

#	ARTICLE	IF	CITATIONS
19	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.	3.6	18
20	Evaluation of the Synuclein- $\beta$ (SNCG) Gene as a PPAR $\beta$ Target in Murine Adipocytes, Dorsal Root Ganglia Somatosensory Neurons, and Human Adipose Tissue. <i>PLoS ONE</i> , 2015, 10, e0115830.	2.5	8
21	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. <i>Journal of Nutrition</i> , 2015, 145, 691-700.	2.9	53
22	Long-chain acylcarnitines activate cell stress and myokine release in C <sub>2</sub> C <sub>12</sub> myotubes: calcium-dependent and -independent effects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E990-E1000.	3.5	48
23	Acylcarnitines—old actors auditioning for new roles in metabolic physiology. <i>Nature Reviews Endocrinology</i> , 2015, 11, 617-625.	9.6	229
24	Acylcarnitines: potential implications for skeletal muscle insulin resistance. <i>FASEB Journal</i> , 2015, 29, 336-345.	0.5	191
25	Acylcarnitines activate proinflammatory signaling pathways. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1378-E1387.	3.5	225
26	Lipid-induced insulin resistance mediated by the proinflammatory receptor TLR4 requires saturated fatty acid-induced ceramide biosynthesis in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1858-1870.	8.2	566
27	Molecular Characterization of the Tumor Suppressor Candidate 5 Gene: Regulation by PPAR $\beta$ and Identification of TUSC5 Coding Variants in Lean and Obese Humans. <i>PPAR Research</i> , 2009, 2009, 1-13.	2.4	12
28	Increased expression of receptors for orexigenic factors in nodose ganglion of diet-induced obese rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E898-E903.	3.5	79
29	$\beta$ -Synuclein Is an Adipocyte-Neuron Gene Coordinately Expressed with Leptin and Increased in Human Obesity. <i>Journal of Nutrition</i> , 2008, 138, 841-848.	2.9	23
30	Can diet influence the expression of genes associated with control of appetite?. <i>FASEB Journal</i> , 2008, 22, 1184.2.	0.5	0
31	Inhibition of Ceramide Synthesis Ameliorates Glucocorticoid-, Saturated-Fat-, and Obesity-Induced Insulin Resistance. <i>Cell Metabolism</i> , 2007, 5, 167-179.	16.2	1,048
32	Characterization of Tusc5, an adipocyte gene co-expressed in peripheral neurons. <i>Molecular and Cellular Endocrinology</i> , 2007, 276, 24-35.	3.2	44
33	Lipid Mediators of Insulin Resistance. <i>Nutrition Reviews</i> , 2007, 65, S39-S46.	5.8	135
34	A Role for Ceramide, but Not Diacylglycerol, in the Antagonism of Insulin Signal Transduction by Saturated Fatty Acids. <i>Journal of Biological Chemistry</i> , 2003, 278, 10297-10303.	3.4	500
35	Identification of a Phosphorylation Site in the Hinge Region of the Human Progesterone Receptor and Additional Amino-terminal Phosphorylation Sites. <i>Journal of Biological Chemistry</i> , 2001, 276, 8475-8483.	3.4	92
36	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. <i>Molecular and Cellular Biology</i> , 1998, 18, 1369-1378.	2.3	242