

Gary Frost

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,955
citations

516710

16
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

4486
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of targeted delivery of propionate to the human colon on appetite regulation, body weight maintenance and adiposity in overweight adults. <i>Gut</i> , 2015, 64, 1744-1754.	12.1	950
2	Role of Gut Microbiota-Generated Short-Chain Fatty Acids in Metabolic and Cardiovascular Health. <i>Current Nutrition Reports</i> , 2018, 7, 198-206.	4.3	425
3	Magnetic resonance imaging of total body fat. <i>Journal of Applied Physiology</i> , 1998, 85, 1778-1785.	2.5	284
4	The diet-derived short chain fatty acid propionate improves beta-cell function in humans and stimulates insulin secretion from human islets in vitro. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 257-265.	4.4	186
5	Visceral Adipose Tissue and Metabolic Complications of Obesity Are Reduced in Prader-Willi Syndrome Female Adults: Evidence for Novel Influences on Body Fat Distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4330-4338.	3.6	149
6	Excess body fat in obese and normal-weight subjects. <i>Nutrition Research Reviews</i> , 2012, 25, 150-161.	4.1	130
7	Elevated Fasting Plasma Ghrelin in Prader-Willi Syndrome Adults Is Not Solely Explained by Their Reduced Visceral Adiposity and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1718-1726.	3.6	107
8	Distribution of Adipose Tissue in the Newborn. <i>Pediatric Research</i> , 2004, 55, 437-441.	2.3	105
9	Effect of nutritional counselling on hepatic, muscle and adipose tissue fat content and distribution in non-alcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2006, 12, 5813.	3.3	100
10	Resting metabolic rate, plasma leptin concentrations, leptin receptor expression, and adipose tissue measured by whole-body magnetic resonance imaging in women with Prader-Willi syndrome. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 468-475.	4.7	98
11	Preferential loss of visceral fat following aerobic exercise, measured by magnetic resonance imaging. <i>Lipids</i> , 2000, 35, 769-776.	1.7	88
12	Acute oral sodium propionate supplementation raises resting energy expenditure and lipid oxidation in fasted humans. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1034-1039.	4.4	80
13	The effects of dietary supplementation with inulin and inulin-propionate ester on hepatic steatosis in adults with non-alcoholic fatty liver disease. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 372-376.	4.4	73
14	Fermentable Carbohydrate Alters Hypothalamic Neuronal Activity and Protects Against the Obesogenic Environment. <i>Obesity</i> , 2012, 20, 1016-1023.	3.0	72
15	Development of a Rapid and Efficient Magnetic Resonance Imaging Technique for Analysis of Body Fat Distribution. , 1996, 9, 156-164.		23
16	Effect of energy restriction and physical exercise intervention on phenotypic flexibility as examined by transcriptomics analyses of mRNA from adipose tissue and whole body magnetic resonance imaging. <i>Physiological Reports</i> , 2016, 4, e13019.	1.7	21
17	Intakes and Food Sources of Dietary Fibre and Their Associations with Measures of Body Composition and Inflammation in UK Adults: Cross-Sectional Analysis of the Airwave Health Monitoring Study. <i>Nutrients</i> , 2019, 11, 1839.	4.1	21
18	Short Chain Fatty Acids Enhance Expression and Activity of the Umami Taste Receptor in Enteroendocrine Cells via a G β /o Pathway. <i>Frontiers in Nutrition</i> , 2020, 7, 568991.	3.7	17

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19	Internalization-Dependent Free Fatty Acid Receptor 2 Signaling Is Essential for Propionate-Induced Anorectic Gut Hormone Release. <i>IScience</i> , 2020, 23, 101449.	4.1	14
20	Moderate intensity exercise training combined with inulin-propionate ester supplementation increases whole body resting fat oxidation in overweight women. <i>Metabolism: Clinical and Experimental</i> , 2020, 104, 154043.	3.4	10
21	Odd Chain Fatty Acids Are Not Robust Biomarkers for Dietary Intake of Fiber. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100316.	3.3	0