Gordon I Smith

List of Publications by Year
in descending order

50 papers	3,337 citations	236925 25 h-index	243625 44 g-index
50 all docs	50 docs citations	50 times ranked	4261 citing authors

#	Article	IF	Citations
1	Î² Cell function and plasma insulin clearance in people with obesity and different glycemic status. Journal of Clinical Investigation, 2022, 132, .	8.2	27
2	Small molecule SWELL1 complex induction improves glycemic control and nonalcoholic fatty liver disease in murine Type 2 diabetes. Nature Communications, 2022, 13, 784.	12.8	19
3	Metabolically-Unhealthy Obesity Is Associated With Increased Adipose Tissue Inflammatory Gene Expression and 24-Hour Plasma Concentrations of PAI-1, but Not Other Inflammatory Cytokines. Journal of the Endocrine Society, 2021, 5, A21-A22.	0.2	0
4	Increased Adipose Tissue Fibrogenesis, Not Impaired Expandability, Is Associated With Nonalcoholic Fatty Liver Disease. Hepatology, 2021, 74, 1287-1299.	7.3	25
5	Associations Among Adipose Tissue Immunology, Inflammation, Exosomes and Insulin Sensitivity in People With Obesity and Nonalcoholic Fatty Liver Disease. Gastroenterology, 2021, 161, 968-981.e12.	1.3	75
6	Inhibition of Grb14, a negative modulator of insulin signaling, improves glucose homeostasis without causing cardiac dysfunction. Scientific Reports, 2020, 10, 3417.	3.3	9
7	Striatal Dopamine Responses to Feeding are Altered in People with Obesity. Obesity, 2020, 28, 765-771.	3.0	4
8	Insulin resistance drives hepatic de novo lipogenesis in nonalcoholic fatty liver disease. Journal of Clinical Investigation, 2020, 130, 1453-1460.	8.2	362
9	Influence of adiposity, insulin resistance, and intrahepatic triglyceride content on insulin kinetics. Journal of Clinical Investigation, 2020, 130, 3305-3314.	8.2	45
10	Decreased adipose tissue oxygenation associates with insulin resistance in individuals with obesity. Journal of Clinical Investigation, 2020, 130, 6688-6699.	8.2	64
11	Knockdown of ANT2 reduces adipocyte hypoxia and improves insulin resistance in obesity. Nature Metabolism, 2019, 1, 86-97.	11.9	71
12	Polyunsaturated Omega-3 Fatty Acids and Skeletal Muscle. , 2019, , 379-392.		2
13	Metabolically healthy obesity: facts and fantasies. Journal of Clinical Investigation, 2019, 129, 3978-3989.	8.2	355
14	Obesity dysregulates fasting-induced changes in glucagon secretion. Journal of Endocrinology, 2019, 243, 149-160.	2.6	44
15	Effect of Protein Supplementation During Dietâ€Induced Weight Loss on Muscle Mass and Strength: A Randomized Controlled Study. Obesity, 2018, 26, 854-861.	3.0	18
16	The muscle anabolic effect of protein ingestion during a hyperinsulinaemic euglycaemic clamp in middleâ€aged women is not caused by leucine alone. Journal of Physiology, 2018, 596, 4681-4692.	2.9	12
17	Alterations in 3-Hydroxyisobutyrate and FGF21 Metabolism Are Associated With Protein Ingestionâ€“Induced Insulin Resistance. Diabetes, 2017, 66, 1871-1878.	0.6	43
18	Effect of Weight Gain and Weight Loss onIn VivoColonocyte Proliferation Rate in People with Obesity. Obesity, 2017, 25, S81-S86.	3.0	5

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19	Roux-en-Y Gastric Bypass Surgery Has Unique Effects on Postprandial FGF21 but Not FGF19 Secretion. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3858-3864.	3.6	23
20	Sexual dimorphism in skeletal muscle protein turnover. Journal of Applied Physiology, 2016, 120, 674-682.	2.5	37
21	The Effects of Dietary Omega-3s on Muscle Composition and Quality in Older Adults. Current Nutrition Reports, 2016, 5, 99-105.	4.3	14
22	High-Protein Intake during Weight Loss Therapy Eliminates the Weight-Loss-Induced Improvement in Insulin Action in Obese Postmenopausal Women. Cell Reports, 2016, 17, 849-861.	6.4	77
23	Effect of dietary n-3 PUFA supplementation on the muscle transcriptome in older adults. Physiological Reports, 2016, 4, e12785.	1.7	52
24	Effect of hyperinsulinaemiaâ€“hyperaminoacidaemia on leg muscle protein synthesis and breakdown: reassessment of the twoâ€pool arterioâ€venous balance model. Journal of Physiology, 2015, 593, 4245-4257.	2.9	9
25	Fish oilâ€“derived nâ^'3 PUFA therapy increases muscle mass and function in healthy older adults. American Journal of Clinical Nutrition, 2015, 102, 115-122.	4.7	336
26	Slimming down in old age. American Journal of Clinical Nutrition, 2015, 101, 247-248.	4.7	2
27	Response to Comment on Smith et al. Protein Ingestion Induces Muscle Insulin Resistance Independent of Leucine-Mediated mTOR Activation. Diabetes 2015;64:1555â€“1563. Diabetes, 2015, 64, e11-e11.	0.6	2
28	Protein Ingestion Induces Muscle Insulin Resistance Independent of Leucine-Mediated mTOR Activation. Diabetes, 2015, 64, 1555-1563.	0.6	75
29	Systemic Delivery of Estradiol, but not Testosterone or Progesterone, Alters Very Low Density Lipoprotein-Triglyceride Kinetics in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1306-E1310.	3.6	27
30	One day of overfeeding impairs nocturnal glucose but not fatty acid homeostasis in overweight men. Obesity, 2014, 22, 435-440.	3.0	11
31	Testosterone and Progesterone, But Not Estradiol, Stimulate Muscle Protein Synthesis in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 256-265.	3.6	88
32	One Day of Mixed Meal Overfeeding Reduces Hepatic Insulin Sensitivity and Increases VLDL Particle But Not VLDL-Triglyceride Secretion in Overweight and Obese Men. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3454-3462.	3.6	16
33	A â^¼60-min brisk walk increases insulin-stimulated glucose disposal but has no effect on hepatic and adipose tissue insulin sensitivity in older women. Journal of Applied Physiology, 2013, 114, 1563-1568.	2.5	24
34	Female sex steroid effects on basal muscle protein synthesis rates in postmenopausal women. FASEB Journal, 2013, 27, 1208.6.	0.5	0
35	Testosterone increases the muscle protein synthesis rate but does not affect very-low-density lipoprotein metabolism in obese premenopausal women. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E740-E746.	3.5	24
36	Muscle Protein Synthesis Response to Exercise Training in Obese, Older Men and Women. Medicine and Science in Sports and Exercise, 2012, 44, 1259-1266.	0.4	44

#	Article	IF	Citations
37	Similar muscle protein synthesis rates in young men and women: men aren't from Mars and women aren't from Venus. Journal of Applied Physiology, 2012, 112, 1803-1804.	2.5	2
38	Effect of Weight Loss on the Rate of Muscle Protein Synthesis During Fasted and Fed Conditions in Obese Older Adults. Obesity, 2012, 20, 1780-1786.	3.0	29
39	Sexually dimorphic effect of aging on skeletal muscle protein synthesis. Biology of Sex Differences, 2012, 3, 11.	4.1	77
40	Omega-3 polyunsaturated fatty acids augment the muscle protein anabolic response to hyperinsulinaemiaâ€“hyperaminoacidaemia in healthy young and middle-aged men and women. Clinical Science, 2011, 121, 267-278.	4.3	287
41	Human muscle protein turnoverâ€”why is it so variable?. Journal of Applied Physiology, 2011, 110, 480-491.	2.5	46
42	Regular Multicomponent Exercise Increases Physical Fitness and Muscle Protein Anabolism in Frail, Obese, Older Adults. Obesity, 2011, 19, 312-318.	3.0	104
43	Dietary omega-3 fatty acid supplementation increases the rate of muscle protein synthesis in older adults: a randomized controlled trial. American Journal of Clinical Nutrition, 2011, 93, 402-412.	4.7	508
44	The effect of aging on rates of muscle protein synthesis in the basal state and in response to insulin and amino acid infusion in men and women. FASEB Journal, 2011, 25, 1064.1.	0.5	0
45	Timing of the initial muscle biopsy does not affect the measured muscle protein fractional synthesis rate during basal, postabsorptive conditions. Journal of Applied Physiology, 2010, 108, 363-368.	2.5	20
46	No major sex differences in muscle protein synthesis rates in the postabsorptive state and during hyperinsulinemia-hyperaminoacidemia in middle-aged adults. Journal of Applied Physiology, 2009, 107, 1308-1315.	2.5	61
47	Differences in Muscle Protein Synthesis and Anabolic Signaling in the Postabsorptive State and in Response to Food in 65â€“80 Year Old Men and Women. PLoS ONE, 2008, 3, e1875.	2.5	132
48	Feeding acutely increases MyoD1 and decreases myostatin mRNA in human skeletal muscle. FASEB Journal, 2008, 22, 691.11.	0.5	0
49	Measurement of human mixed muscle protein fractional synthesis rate depends on the choice of amino acid tracer. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E666-E671.	3.5	28
50	Do lifestyle factors and quality of life differ in people with metabolically healthy and unhealthy obesity?. International Journal of Obesity, 0, , .	3.4	2