

Michael D Jensen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204
papers

17,064
citations

62
h-index

128
g-index

211
ext. papers

19,645
ext. citations

7
avg, IF

6.63
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 204 | 2013 AHA/ACC/TOS guideline for the management of overweight and obesity in adults: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines and The Obesity Society. <i>Circulation</i> , 2014 , 129, S102-38 | 16.7 | 1586 |
| 203 | 2013 AHA/ACC/TOS guideline for the management of overweight and obesity in adults: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines and The Obesity Society. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2985-3023 | 15.1 | 1296 |
| 202 | Role of nonexercise activity thermogenesis in resistance to fat gain in humans. <i>Science</i> , 1999 , 283, 212-433 | 33.3 | 764 |
| 201 | Fat tissue, aging, and cellular senescence. <i>Aging Cell</i> , 2010 , 9, 667-84 | 9.9 | 645 |
| 200 | Efficacy and tolerability of rimonabant in overweight or obese patients with type 2 diabetes: a randomised controlled study. <i>Lancet, The</i> , 2006 , 368, 1660-72 | 40 | 624 |
| 199 | Splanchnic lipolysis in human obesity. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1582-8 | 15.9 | 599 |
| 198 | Roux-en-Y gastric bypass vs intensive medical management for the control of type 2 diabetes, hypertension, and hyperlipidemia: the Diabetes Surgery Study randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 2240-9 | 27.4 | 551 |
| 197 | DHEA in elderly women and DHEA or testosterone in elderly men. <i>New England Journal of Medicine</i> , 2006 , 355, 1647-59 | 59.2 | 442 |
| 196 | Role of body fat distribution and the metabolic complications of obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, S57-63 | 5.6 | 435 |
| 195 | Mechanisms and metabolic implications of regional differences among fat depots. <i>Cell Metabolism</i> , 2013 , 17, 644-656 | 24.6 | 388 |
| 194 | JAK inhibition alleviates the cellular senescence-associated secretory phenotype and frailty in old age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E6301-10 | 11.5 | 357 |
| 193 | Senolytics decrease senescent cells in humans: Preliminary report from a clinical trial of Dasatinib plus Quercetin in individuals with diabetic kidney disease. <i>EBioMedicine</i> , 2019 , 47, 446-456 | 8.8 | 356 |
| 192 | Mechanisms of the age-associated deterioration in glucose tolerance: contribution of alterations in insulin secretion, action, and clearance. <i>Diabetes</i> , 2003 , 52, 1738-48 | 0.9 | 318 |
| 191 | The Science of Obesity Management: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2018 , 39, 79-132 | 27.2 | 304 |
| 190 | Targeting senescent cells enhances adipogenesis and metabolic function in old age. <i>ELife</i> , 2015 , 4, e129879 | 8.9 | 299 |
| 189 | Identification of depot-specific human fat cell progenitors through distinct expression profiles and developmental gene patterns. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E298-307 | 6 | 277 |
| 188 | Regional differences in cellular mechanisms of adipose tissue gain with overfeeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18226-31 | 11.5 | 269 |

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| 187 | Targeting senescent cells alleviates obesity-induced metabolic dysfunction. <i>Aging Cell</i> , 2019 , 18, e129509.9 | | 218 |
| 186 | Assessment of body composition with use of dual-energy x-ray absorptiometry: evaluation and comparison with other methods. <i>Mayo Clinic Proceedings</i> , 1993 , 68, 867-73 | 6.4 | 214 |
| 185 | Fat depots, free fatty acids, and dyslipidemia. <i>Nutrients</i> , 2013 , 5, 498-508 | 6.7 | 190 |
| 184 | Abundance of two human preadipocyte subtypes with distinct capacities for replication, adipogenesis, and apoptosis varies among fat depots. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E267-77 | 6 | 190 |
| 183 | Subcutaneous adipocyte size and body fat distribution. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 56-63 | 7 | 153 |
| 182 | Lifestyle Intervention and Medical Management With vs Without Roux-en-Y Gastric Bypass and Control of Hemoglobin A1c, LDL Cholesterol, and Systolic Blood Pressure at 5 Years in the Diabetes Surgery Study. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 266-278 | 27.4 | 151 |
| 181 | Measuring leg muscle and fat mass in humans: comparison of CT and dual-energy X-ray absorptiometry. <i>Journal of Applied Physiology</i> , 2000 , 88, 452-6 | 3.7 | 144 |
| 180 | Thematic review series: patient-oriented research. Free fatty acid metabolism in human obesity. <i>Journal of Lipid Research</i> , 2006 , 47, 1643-50 | 6.3 | 143 |
| 179 | Roux-en-Y gastric bypass for diabetes (the Diabetes Surgery Study): 2-year outcomes of a 5-year, randomised, controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 413-422 | 18.1 | 142 |
| 178 | Exercise Prevents Diet-Induced Cellular Senescence in Adipose Tissue. <i>Diabetes</i> , 2016 , 65, 1606-15 | 0.9 | 137 |
| 177 | Effects of pioglitazone versus diet and exercise on metabolic health and fat distribution in upper body obesity. <i>Diabetes Care</i> , 2003 , 26, 3148-52 | 14.6 | 129 |
| 176 | Adipocyte mitochondrial function is reduced in human obesity independent of fat cell size. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E209-16 | 5.6 | 125 |
| 175 | Effects of pioglitazone versus glipizide on body fat distribution, body water content, and hemodynamics in type 2 diabetes. <i>Diabetes Care</i> , 2006 , 29, 510-4 | 14.6 | 117 |
| 174 | Is visceral fat involved in the pathogenesis of the metabolic syndrome? Human model. <i>Obesity</i> , 2006 , 14 Suppl 1, 20S-24S | 8 | 114 |
| 173 | Percutaneous Gastrostomy Device for the Treatment of Class II and Class III Obesity: Results of a Randomized Controlled Trial. <i>American Journal of Gastroenterology</i> , 2017 , 112, 447-457 | 0.7 | 111 |
| 172 | Lipolysis: contribution from regional fat. <i>Annual Review of Nutrition</i> , 1997 , 17, 127-39 | 9.9 | 111 |
| 171 | Direct free fatty acid uptake into human adipocytes in vivo: relation to body fat distribution. <i>Diabetes</i> , 2007 , 56, 1369-75 | 0.9 | 110 |
| 170 | Sex- and depot-dependent differences in adipogenesis in normal-weight humans. <i>Obesity</i> , 2010 , 18, 1875-80 | | 102 |

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|-----|--|------|-----|
| 169 | Meal fatty acid uptake in adipose tissue: gender effects in nonobese humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 279, E455-62 | 6 | 101 |
| 168 | The famine exposure in early life and metabolic syndrome in adulthood. <i>Clinical Nutrition</i> , 2017 , 36, 253-259 | 3.59 | 100 |
| 167 | Energy expenditure, sex, and endogenous fuel availability in humans. <i>Journal of Clinical Investigation</i> , 2003 , 111, 981-8 | 15.9 | 100 |
| 166 | Systemic and regional free fatty acid metabolism in type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 280, E1000-6 | 6 | 95 |
| 165 | Rapid measurement of plasma free fatty acid concentration and isotopic enrichment using LC/MS. <i>Journal of Lipid Research</i> , 2010 , 51, 2761-5 | 6.3 | 93 |
| 164 | Kinetics of intramuscular triglyceride fatty acids in exercising humans. <i>Journal of Applied Physiology</i> , 2000 , 89, 2057-64 | 3.7 | 93 |
| 163 | Influence of fish oil on skeletal muscle mitochondrial energetics and lipid metabolites during high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 304, E1391-403 | 6 | 91 |
| 162 | Omental 11beta-hydroxysteroid dehydrogenase 1 correlates with fat cell size independently of obesity. <i>Obesity</i> , 2007 , 15, 1155-63 | 8 | 87 |
| 161 | A quick, reliable, and automated method for fat cell sizing. <i>Journal of Lipid Research</i> , 2003 , 44, 1795-801 | 6.3 | 87 |
| 160 | Is Exposure to Famine in Childhood and Economic Development in Adulthood Associated With Diabetes?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 4514-23 | 5.6 | 82 |
| 159 | Strength training and adiposity in premenopausal women: strong, healthy, and empowered study. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 566-72 | 7 | 81 |
| 158 | How to Measure Adipose Tissue Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1193-1199 | 5.6 | 80 |
| 157 | OR21-1 Adiposity and Diabetes Genetic Risk Modulates Causal Effects of BMI and Type 2 Diabetes on NAFLD: A Wax-and-Wane Pattern. <i>Journal of the Endocrine Society</i> , 2019 , 3, | 0.4 | 78 |
| 156 | Lipid metabolism during fasting. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E789-93 | 6 | 74 |
| 155 | Proinflammatory cytokines differentially regulate adipocyte mitochondrial metabolism, oxidative stress, and dynamics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E1033-45 | 6 | 73 |
| 154 | Regional uptake of meal fatty acids in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E1282-8 | 6 | 73 |
| 153 | Heated hand vein blood is satisfactory for measurements during free fatty acid kinetic studies. <i>Metabolism: Clinical and Experimental</i> , 1991 , 40, 406-9 | 12.7 | 70 |
| 152 | Exposure to Famine in Early Life and Nonalcoholic Fatty Liver Disease in Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2218-25 | 5.6 | 70 |

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|-----|--|------|----|
| 151 | Relationship between plasma free fatty acid, intramyocellular triglycerides and long-chain acylcarnitines in resting humans. <i>Journal of Physiology</i> , 2009 , 587, 5939-50 | 3.9 | 69 |
| 150 | A liquid chromatography/tandem mass spectrometry method for measuring the in vivo incorporation of plasma free fatty acids into intramyocellular ceramides in humans. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 1134-40 | 2.2 | 66 |
| 149 | Storage of circulating free fatty acid in adipose tissue of postabsorptive humans: quantitative measures and implications for body fat distribution. <i>Diabetes</i> , 2011 , 60, 2032-40 | 0.9 | 64 |
| 148 | Durability of Addition of Roux-en-Y Gastric Bypass to Lifestyle Intervention and Medical Management in Achieving Primary Treatment Goals for Uncontrolled Type 2 Diabetes in Mild to Moderate Obesity: A Randomized Control Trial. <i>Diabetes Care</i> , 2016 , 39, 1510-8 | 14.6 | 63 |
| 147 | Free fatty acid uptake in humans with CD36 deficiency. <i>Diabetes</i> , 2014 , 63, 3606-14 | 0.9 | 63 |
| 146 | Regional fat deposition as a factor in FFA metabolism. <i>Annual Review of Nutrition</i> , 2007 , 27, 149-63 | 9.9 | 63 |
| 145 | Measuring committed preadipocytes in human adipose tissue from severely obese patients by using adipocyte fatty acid binding protein. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R1132-40 | 3.2 | 63 |
| 144 | Why are we shaped differently, and why does it matter?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 295, E531-5 | 6 | 62 |
| 143 | Contribution of leg and splanchnic free fatty acid (FFA) kinetics to postabsorptive FFA flux in men and women. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 662-6 | 12.7 | 62 |
| 142 | Isotope tracer measures of meal fatty acid metabolism: reproducibility and effects of the menstrual cycle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E547-55 | 6 | 61 |
| 141 | Insulin dose response analysis of free fatty acid kinetics. <i>Metabolism: Clinical and Experimental</i> , 2007 , 56, 68-76 | 12.7 | 60 |
| 140 | Sphingolipid content of human adipose tissue: relationship to adiponectin and insulin resistance. <i>Obesity</i> , 2012 , 20, 2341-7 | 8 | 58 |
| 139 | Exposure to severe famine in the prenatal or postnatal period and the development of diabetes in adulthood: an observational study. <i>Diabetologia</i> , 2017 , 60, 262-269 | 10.3 | 55 |
| 138 | Meal fatty acid uptake in visceral fat in women. <i>Diabetes</i> , 2007 , 56, 2589-97 | 0.9 | 55 |
| 137 | Leg free fatty acid kinetics during exercise in men and women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 278, E113-7 | 6 | 55 |
| 136 | Sex-specific differences in leg fat uptake are revealed with a high-fat meal. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E1115-23 | 6 | 53 |
| 135 | The influence of sex and obesity phenotype on meal fatty acid metabolism before and after weight loss. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 1134-41 | 7 | 51 |
| 134 | Intramuscular fatty acid metabolism evaluated with stable isotopic tracers. <i>Journal of Applied Physiology</i> , 1998 , 84, 1674-9 | 3.7 | 51 |

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| 133 | Relation between chubby cheeks and visceral fat. <i>New England Journal of Medicine</i> , 1998 , 339, 1946-7 | 59.2 | 50 |
| 132 | Blood cadmium in Chinese adults and its relationships with diabetes and obesity. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 18714-23 | 5.1 | 48 |
| 131 | Effects of Dietary n-3 Fatty Acids on Hepatic and Peripheral Insulin Sensitivity in Insulin-Resistant Humans. <i>Diabetes Care</i> , 2015 , 38, 1228-37 | 14.6 | 46 |
| 130 | Free fatty acid storage in human visceral and subcutaneous adipose tissue: role of adipocyte proteins. <i>Diabetes</i> , 2011 , 60, 2300-7 | 0.9 | 45 |
| 129 | Preventing overestimation of pixels in computed tomography assessment of visceral fat. <i>Obesity</i> , 2004 , 12, 1698-701 | | 45 |
| 128 | Pre-transplant wasting (as measured by muscle index) is a novel prognostic indicator in lung transplantation. <i>Clinical Transplantation</i> , 2016 , 30, 247-55 | 3.8 | 43 |
| 127 | Vitamin D is associated with testosterone and hypogonadism in Chinese men: Results from a cross-sectional SPECT-China study. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 74 | 5 | 42 |
| 126 | New obesity guidelines: promise and potential. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 23-4 | 27.4 | 42 |
| 125 | Plasma free fatty acid storage in subcutaneous and visceral adipose tissue in postabsorptive women. <i>Diabetes</i> , 2008 , 57, 1186-94 | 0.9 | 42 |
| 124 | Diet/Exercise versus pioglitazone: effects of insulin sensitization with decreasing or increasing fat mass on adipokines and inflammatory markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3418-25 | 5.6 | 42 |
| 123 | Effects of exercise on VLDL-triglyceride oxidation and turnover. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E939-44 | 6 | 41 |
| 122 | Does rimonabant independently affect free fatty acid and glucose metabolism?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 819-27 | 5.6 | 41 |
| 121 | Basal and insulin-regulated free fatty acid and glucose metabolism in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E1770-4 | 6 | 41 |
| 120 | Elevated free fatty acids impair glucose metabolism in women: decreased stimulation of muscle glucose uptake and suppression of splanchnic glucose production during combined hyperinsulinemia and hyperglycemia. <i>Diabetes</i> , 2003 , 52, 38-42 | 0.9 | 41 |
| 119 | Nonoxidative free fatty acid disposal is greater in young women than men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 541-7 | 5.6 | 40 |
| 118 | Regional leptin kinetics in humans. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 18-21 | 7 | 40 |
| 117 | Sources of blood glycerol during fasting. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E998-1004 | 6 | 39 |
| 116 | Trimetazidine prevents palmitate-induced mitochondrial fission and dysfunction in cultured cardiomyocytes. <i>Biochemical Pharmacology</i> , 2014 , 91, 323-36 | 6 | 38 |

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| 115 | Metabolic complications of obesity. Pathophysiologic considerations. <i>Medical Clinics of North America</i> , 2000 , 84, 363-85, vi | 7 | 37 |
| 114 | The Sexual Dimorphism of Lipid Kinetics in Humans. <i>Frontiers in Endocrinology</i> , 2015 , 6, 103 | 5.7 | 36 |
| 113 | Adipocyte fatty acid storage factors enhance subcutaneous fat storage in postmenopausal women. <i>Diabetes</i> , 2013 , 62, 775-82 | 0.9 | 36 |
| 112 | Body fat distribution, adipocyte size, and metabolic characteristics of nondiabetic adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 67-73 | 5.6 | 36 |
| 111 | Health consequences of fat distribution. <i>Hormone Research</i> , 1997 , 48 Suppl 5, 88-92 | | 36 |
| 110 | Gut Microbial Carbohydrate Metabolism Hinders Weight Loss in Overweight Adults Undergoing Lifestyle Intervention With a Volumetric Diet. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 1104-1110 | 6.4 | 35 |
| 109 | Splanchnic free fatty acid kinetics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E1140-8 | 6 | 35 |
| 108 | Managing overweight and obesity in adults to reduce cardiovascular disease risk. <i>Current Atherosclerosis Reports</i> , 2014 , 16, 445 | 6 | 34 |
| 107 | Meal fatty acid uptake in human adipose tissue: technical and experimental design issues. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 279, E447-54 | 6 | 33 |
| 106 | Aspiration therapy for the treatment of obesity: 4-year results of a multicenter randomized controlled trial. <i>Surgery for Obesity and Related Diseases</i> , 2019 , 15, 1348-1354 | 3 | 31 |
| 105 | Visceral and subcutaneous adipose tissue diacylglycerol acyltransferase activity in humans. <i>Obesity</i> , 2009 , 17, 1129-34 | 8 | 31 |
| 104 | Storage rates of circulating free fatty acid into adipose tissue during eating or walking in humans. <i>Diabetes</i> , 2012 , 61, 329-38 | 0.9 | 30 |
| 103 | Effects of weight gain and weight loss on regional fat distribution. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 229-33 | 7 | 30 |
| 102 | Effects of growth hormone administration in human obesity. <i>Obesity</i> , 2003 , 11, 170-5 | | 30 |
| 101 | Quantification of adipose tissue insulin sensitivity. <i>Journal of Investigative Medicine</i> , 2016 , 64, 989-91 | 2.9 | 29 |
| 100 | Measuring long-chain acyl-coenzyme A concentrations and enrichment using liquid chromatography/tandem mass spectrometry with selected reaction monitoring. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 2223-30 | 2.2 | 29 |
| 99 | Vascular response to angiotensin II in upper body obesity. <i>Hypertension</i> , 2004 , 44, 435-41 | 8.5 | 28 |
| 98 | Fatty acid metabolism in the elderly: effects of dehydroepiandrosterone and testosterone replacement in hormonally deficient men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3414-23 | 5.6 | 27 |

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| 97 | Adipose tissue as an endocrine organ: implications of its distribution on free fatty acid metabolism. <i>Country Review Ukraine</i> , 2006 , 8, B13-B19 | | 27 |
| 96 | Regional glycerol and free fatty acid metabolism before and after meal ingestion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 276, E863-9 | 6 | 27 |
| 95 | A novel ELISA for measuring CD36 protein in human adipose tissue. <i>Journal of Lipid Research</i> , 2011 , 52, 408-15 | 6.3 | 26 |
| 94 | Sex differences in abdominal, gluteal, and thigh LPL activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E1823-8 | 6 | 26 |
| 93 | Adipose tissue and fatty acid metabolism in humans. <i>Journal of the Royal Society of Medicine</i> , 2002 , 95 Suppl 42, 3-7 | 2.3 | 26 |
| 92 | Butyrylcholinesterase Deficiency Promotes Adipose Tissue Growth and Hepatic Lipid Accumulation in Male Mice on High-Fat Diet. <i>Endocrinology</i> , 2016 , 157, 3086-95 | 4.8 | 26 |
| 91 | Impact of body composition on very-low-density lipoprotein-triglycerides kinetics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 296, E165-73 | 6 | 25 |
| 90 | Pathophysiologic importance of visceral adipose tissue in women with heart failure and preserved ejection fraction. <i>European Heart Journal</i> , 2021 , 42, 1595-1605 | 9.5 | 25 |
| 89 | Intramyocellular Ceramides: Subcellular Concentrations and Fractional De Novo Synthesis in Postabsorptive Humans. <i>Diabetes</i> , 2017 , 66, 2082-2091 | 0.9 | 24 |
| 88 | Training status diverges muscle diacylglycerol accumulation during free fatty acid elevation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E124-31 | 6 | 24 |
| 87 | Effects of male hypogonadism on regional adipose tissue fatty acid storage and lipogenic proteins. <i>PLoS ONE</i> , 2012 , 7, e31473 | 3.7 | 24 |
| 86 | Intramyocellular diacylglycerol concentrations and [U- ¹³ C]palmitate isotopic enrichment measured by LC/MS/MS. <i>Journal of Lipid Research</i> , 2013 , 54, 1705-1711 | 6.3 | 24 |
| 85 | Insulin regulation of free fatty acid kinetics in adult cystic fibrosis patients with impaired glucose tolerance. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 1467-72 | 12.7 | 22 |
| 84 | Impact of insulin deprivation and treatment on sphingolipid distribution in different muscle subcellular compartments of streptozotocin-diabetic C57Bl/6 mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E529-42 | 6 | 20 |
| 83 | Collection and interpretation of plasma leptin concentration data in humans. <i>Obesity</i> , 1999 , 7, 241-5 | | 20 |
| 82 | Effects of oral contraceptives on free fatty acid metabolism in women. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 280-4 | 12.7 | 19 |
| 81 | Does basal metabolic rate predict weight gain?. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 959-963 | | 18 |
| 80 | Leptin-based adjuvants: an innovative approach to improve vaccine response. <i>Vaccine</i> , 2013 , 31, 1666-72 | 1 | 17 |

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| 79 | Comparison of Methods for Analyzing Human Adipose Tissue Macrophage Content. <i>Obesity</i> , 2017 , 25, 2100-2107 | 8 | 16 |
| 78 | Sex and depot differences in ex vivo adipose tissue fatty acid storage and glycerol-3-phosphate acyltransferase activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E830-46 | 6 | 16 |
| 77 | Adipose Tissue Free Fatty Acid Storage In Vivo: Effects of Insulin Versus Niacin as a Control for Suppression of Lipolysis. <i>Diabetes</i> , 2015 , 64, 2828-35 | 0.9 | 16 |
| 76 | Validity of weight loss to estimate improvement in body composition in individuals attending a wellness center. <i>Obesity</i> , 2011 , 19, 2274-9 | 8 | 16 |
| 75 | Insulin-mediated FFA suppression is associated with triglyceridemia and insulin sensitivity independent of adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 4130-8 | 5.6 | 16 |
| 74 | Experimental Weight Gain Increases Ambulatory Blood Pressure in Healthy Subjects: Implications of Visceral Fat Accumulation. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 618-626 | 6.4 | 15 |
| 73 | Brown adipose tissue--not as hot as we thought. <i>Journal of Physiology</i> , 2015 , 593, 489 | 3.9 | 15 |
| 72 | Systemic free fatty acid disposal into very low-density lipoprotein triglycerides. <i>Diabetes</i> , 2013 , 62, 2386-95 | 6.5 | 15 |
| 71 | Potential role of new therapies in modifying cardiovascular risk in overweight patients with metabolic risk factors. <i>Obesity</i> , 2006 , 14 Suppl 3, 143S-149S | 8 | 15 |
| 70 | Very-long-chain -3 fatty acid supplements and adipose tissue functions: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1552-1558 | 7 | 14 |
| 69 | Adipose tissue macrophage burden, systemic inflammation, and insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E254-E264 | 6 | 14 |
| 68 | Insulin clearance is different in men and women. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 525-30 | 12.7 | 14 |
| 67 | Insulin sensitivity and regional fat gain in response to overfeeding. <i>Obesity</i> , 2011 , 19, 269-75 | 8 | 14 |
| 66 | Relationship between postabsorptive respiratory exchange ratio and plasma free fatty acid concentrations. <i>Journal of Lipid Research</i> , 2009 , 50, 1863-9 | 6.3 | 14 |
| 65 | Contribution of very low-density lipoprotein triglyceride fatty acids to postabsorptive free fatty acid flux in obese humans. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 137-40 | 12.7 | 13 |
| 64 | Postprandial VLDL-TG metabolism in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2017 , 75, 25-35 | 12.7 | 13 |
| 63 | Sex and sex steroids: impact on the kinetics of fatty acids underlying body shape. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014 , 20, 15-23 | 1.3 | 13 |
| 62 | Acute Testosterone Deficiency Alters Adipose Tissue Fatty Acid Storage. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3056-3064 | 5.6 | 12 |

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|----|---|-----|----|
| 61 | Effects of gender on resting leg blood flow: implications for measurement of regional substrate oxidation. <i>Journal of Applied Physiology</i> , 1998 , 84, 141-5 | 3.7 | 12 |
| 60 | Increased VLDL-TG Fatty Acid Storage in Skeletal Muscle in Men With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 831-839 | 5.6 | 11 |
| 59 | Kinetics of saturated, monounsaturated, and polyunsaturated fatty acids in humans. <i>Diabetes</i> , 2013 , 62, 783-8 | 0.9 | 11 |
| 58 | National Differences in Remission of Type 2 Diabetes Mellitus After Roux-en-Y Gastric Bypass Surgery-Subgroup Analysis of 2-Year Results of the Diabetes Surgery Study Comparing Taiwanese with Americans with Mild Obesity (BMI 30-35kg/m). <i>Obesity Surgery</i> , 2017 , 27, 1189-1195 | 3.7 | 10 |
| 57 | Effects of increased free fatty acid availability on adipose tissue fatty acid storage in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2635-42 | 5.6 | 10 |
| 56 | Testosterone: Relationships with Metabolic Disorders in Men-An Observational Study From SPECT-China. <i>International Journal of Endocrinology</i> , 2017 , 2017, 4547658 | 2.7 | 9 |
| 55 | Human adipose tissue protein analyses using capillary western blot technology. <i>Nutrition and Diabetes</i> , 2018 , 8, 26 | 4.7 | 9 |
| 54 | Hepatic Fatty Acid Balance and Hepatic Fat Content in Humans With Severe Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 6171-6181 | 5.6 | 9 |
| 53 | Lack of Seasonal Differences in Basal Metabolic Rate in Humans: A Cross-Sectional Study. <i>Hormone and Metabolic Research</i> , 2017 , 49, 30-35 | 3.1 | 9 |
| 52 | Hyperinsulinemia and skeletal muscle fatty acid trafficking. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E540-8 | 6 | 9 |
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