Andrew L Carey

List of Publications by Year
in descending order

37 papers	3,730 citations	201385 27 h-index	344852 36 g-index
38 all docs	38 docs citations	38 times ranked	5887 citing authors

#	Article	IF	Citations
1	Interleukin-6 Increases Insulin-Stimulated Glucose Disposal in Humans and Glucose Uptake and Fatty Acid Oxidation In Vitro via AMP-Activated Protein Kinase. Diabetes, 2006, 55, 2688-2697.	0.3	699
2	Tumor necrosis factor Î±-induced skeletal muscle insulin resistance involves suppression of AMP-kinase signaling. Cell Metabolism, 2006, 4, 465-474.	7.2	363
3	Intramuscular Heat Shock Protein 72 and Heme Oxygenase-1 mRNA Are Reduced in Patients With Type 2 Diabetes: Evidence That Insulin Resistance Is Associated With a Disturbed Antioxidant Defense Mechanism. Diabetes, 2003, 52, 2338-2345.	0.3	310
4	Skeletal muscle adaptation and performance responses to once a day versus twice every second day endurance training regimens. Journal of Applied Physiology, 2008, 105, 1462-1470.	1.2	236
5	Muscle Oxidative Capacity Is a Better Predictor of Insulin Sensitivity than Lipid Status. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 5444-5451.	1.8	195
6	Role of IL-6 in Exercise Training- and Cold-Induced UCP1 Expression in Subcutaneous White Adipose Tissue. PLoS ONE, 2014, 9, e84910.	1.1	158
7	Plasma Sphingosine-1-Phosphate Is Elevated in Obesity. PLoS ONE, 2013, 8, e72449.	1.1	139
8	Cytokine gene expression in human skeletal muscle during concentric contraction: evidence that IL-8, like IL-6, is influenced by glycogen availability. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R322-R327.	0.9	122
9	Effects of breaking up prolonged sitting on skeletal muscle gene expression. Journal of Applied Physiology, 2013, 114, 453-460.	1.2	115
10	Interleukin-6 production by contracting human skeletal muscle: autocrine regulation by IL-6. Biochemical and Biophysical Research Communications, 2003, 310, 550-554.	1.0	109
11	Phosphoinositide 3-kinase as a novel functional target for the regulation of the insulin signaling pathway by SIRT1. Molecular and Cellular Endocrinology, 2011, 335, 166-176.	1.6	109
12	Effects of fat adaptation and carbohydrate restoration on prolonged endurance exercise. Journal of Applied Physiology, 2001, 91, 115-122.	1.2	105
13	Acute signalling responses to intense endurance training commenced with low or normal muscle glycogen. Experimental Physiology, 2010, 95, 351-358.	0.9	95
14	Fat adaptation in well-trained athletes: effects on cell metabolism. Applied Physiology, Nutrition and Metabolism, 2011, 36, 12-22.	0.9	87
15	Global Gene Expression in Skeletal Muscle from Well-Trained Strength and Endurance Athletes. Medicine and Science in Sports and Exercise, 2009, 41, 546-565.	0.2	82
16	Reduced UCP-1 Content in In Vitro Differentiated Beige/Brite Adipocytes Derived from Preadipocytes of Human Subcutaneous White Adipose Tissues in Obesity. PLoS ONE, 2014, 9, e91997.	1.1	67
17	PGCâ€1Î± gene expression is downâ€regulated by Aktâ€mediated phosphorylation and nuclear exclusion of FoxO1 in insulinâ€stimulated skeletal muscle. FASEB Journal, 2005, 19, 2072-2074.	0.2	65
18	Effects of High-Density Lipoprotein Elevation With Cholesteryl Ester Transfer Protein Inhibition on Insulin Secretion. Circulation Research, 2013, 113, 167-175.	2.0	62

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19	Effect of short-term fat adaptation on high-intensity training. Medicine and Science in Sports and Exercise, 2002, 34, 449-455.	0.2	61
20	Prolonged interleukin-6 administration enhances glucose tolerance and increases skeletal muscle PPARÎ± and UCP2 expression in rats. Journal of Endocrinology, 2008, 198, 367-374.	1.2	55
21	Short-term endurance training does not alter the oxidative capacity of human subcutaneous adipose tissue. European Journal of Applied Physiology, 2010, 109, 307-316.	1.2	49
22	Brown adipose tissue in humans: Therapeutic potential to combat obesity. , 2013, 140, 26-33.		47
23	Chronic ephedrine administration decreases brown adipose tissue activity in a randomised controlled human trial: implications for obesity. Diabetologia, 2015, 58, 1045-1054.	2.9	44
24	High-density lipoprotein delivered after myocardial infarction increases cardiac glucose uptake and function in mice. Science Translational Medicine, 2017, 9, .	5.8	43
25	Acute metabolic and cardiovascular effects of mirabegron in healthy individuals. Diabetes, Obesity and Metabolism, 2019, 21, 276-284.	2.2	42
26	Reconstituted high-density lipoprotein infusion modulates fatty acid metabolism in patients with type 2 diabetes mellitus. Journal of Lipid Research, 2011, 52, 572-581.	2.0	39
27	Effects of the BET-inhibitor, RVX-208 on the HDL lipidome and glucose metabolism in individuals with prediabetes: A randomized controlled trial. Metabolism: Clinical and Experimental, 2016, 65, 904-914.	1.5	37
28	Oxidative stress-induced insulin resistance in skeletal muscle cells is ameliorated by gamma-tocopherol treatment. European Journal of Nutrition, 2008, 47, 387-392.	1.8	30
29	Pioglitazone reduces cold-induced brown fat glucose uptake despite induction of browning in cultured human adipocytes: a randomised, controlled trial in humans. Diabetologia, 2018, 61, 220-230.	2.9	28
30	Matrix-Induced Autologous Chondrocyte Implantation (MACI) Grafting for Osteochondral Lesions of the Talus. Foot and Ankle International, 2020, 41, 1099-1105.	1.1	25
31	Apo AI Nanoparticles Delivered Post Myocardial Infarction Moderate Inflammation. Circulation Research, 2020, 127, 1422-1436.	2.0	24
32	Can exercise training rescue the adverse cardiometabolic effects of low birth weight and prematurity?. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 944-957.	0.9	22
33	Acute effects of active breaks during prolonged sitting on subcutaneous adipose tissue gene expression: an ancillary analysis of a randomised controlled trial. Scientific Reports, 2019, 9, 3847.	1.6	18
34	Skeletal Muscle Insulin Resistance Associated with Cholesterol-Induced Activation of Macrophages Is Prevented by High Density Lipoprotein. PLoS ONE, 2013, 8, e56601.	1.1	15
35	Brown adipose tissue and lipid metabolism: New strategies for identification of activators and biomarkers with clinical potential. , 2018, 192, 141-149.		14
36	Plasma Docosahexaenoic Acid and Eicosapentaenoic Acid Concentrations Are Positively Associated with Brown Adipose Tissue Activity in Humans. Metabolites, 2020, 10, 388.	1.3	11

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37	Reducing peripheral serotonin turns up the heat in brown fat. Nature Medicine, 2015, 21, 114-116.	15.2	7