Cedric Moro

List of Publications by Year in Descending Order

88 papers	3,907 citations	36 h-index	61 g-index
93 ext. papers	4,637 ext. citations	6.1 avg, IF	5.27 L-index

#	Paper	IF	Citations
88	Exerkines in health, resilience and disease.. *Nature Reviews Endocrinology*, **2022**,	15.2	17
87	Nuclear HMGB1 protects from nonalcoholic fatty liver disease through negative regulation of liver X receptor.. *Science Advances*, **2022**, 8, eabg9055	14.3	0
86	DietSee: An on-hand, portable, strip-type biosensor for lipolysis monitoring via real-time amperometric determination of glycerol in blood. *Analytica Chimica Acta*, **2021**, 1155, 338358	6.6	1
85	Epigenetic imprinting of human skeletal muscle cells: From metabolic diseases to myopathy. *Journal of Physiology*, **2021**, 599, 9-10	3.9	
84	Lactate fluxes mediated by the monocarboxylate transporter-1 are key determinants of the metabolic activity of beige adipocytes. *Journal of Biological Chemistry*, **2021**, 296, 100137	5.4	9
83	Estetrol prevents Western diet-induced obesity and atheroma independently of hepatic estrogen receptor *American Journal of Physiology - Endocrinology and Metabolism*, **2021**, 320, E19-E29	6	4
82	Network analyses reveal negative link between changes in adipose tissue GDF15 and BMI during dietary induced weight loss. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	1
81	GTTs and ITTs: aim for shorter fasting times. *Nature Metabolism*, **2021**, 3, 1133	14.6	0
80	Metabolic and cardiovascular adaptations to an 8-wk lifestyle weight loss intervention in younger and older obese men. *American Journal of Physiology - Endocrinology and Metabolism*, **2021**, 321, E325-E337	6	0
79	Cyclic AMP-binding protein Epac1 acts as a metabolic sensor to promote cardiomyocyte lipotoxicity. *Cell Death and Disease*, **2021**, 12, 824	9.8	1
78	Effects of Physiological Doses of Resveratrol and Quercetin on Glucose Metabolism in Primary Myotubes. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
77	Exercise-Released Myokines in the Control of Energy Metabolism. *Frontiers in Physiology*, **2020**, 11, 91	4.6	45
76	Growth and differentiation factor 15 is secreted by skeletal muscle during exercise and promotes lipolysis in humans. *JCI Insight*, **2020**, 5,	9.9	37
75	Influence of Acute and Chronic Exercise on Abdominal Fat Lipolysis: An Update. *Frontiers in Physiology*, **2020**, 11, 575363	4.6	6
74	Reappraisal of the optimal fasting time for insulin tolerance tests in mice. *Molecular Metabolism*, **2020**, 42, 101058	8.8	7
73	Increased oral sodium chloride intake in humans amplifies selectively postprandial GLP-1 but not GIP, CCK, and gastrin in plasma. *Physiological Reports*, **2020**, 8, e14519	2.6	2
72	Atrial Natriuretic Peptide Orchestrates a Coordinated Physiological Response to Fuel Non-shivering Thermogenesis. *Cell Reports*, **2020**, 32, 108075	10.6	8

71	Novel Insights and Mechanisms of Lipotoxicity-Driven Insulin Resistance. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
70	Primary defects in lipid handling and resistance to exercise in myotubes from obese donors with and without type 2 diabetes. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, 169-179	3	6
69	Extracellular Fluid Volume Expansion Uncovers a Natriuretic Action of GLP-1: A Functional GLP-1-Renal Axis in Man. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2509-2519	5.6	15
68	The Release of Adipose Stromal Cells from Subcutaneous Adipose Tissue Regulates Ectopic Intramuscular Adipocyte Deposition. *Cell Reports*, **2019**, 27, 323-333.e5	10.6	18
67	The lipid droplet-associated protein ABHD5 protects the heart through proteolysis of HDAC4. *Nature Metabolism*, **2019**, 1, 1157-1167	14.6	27
66	Regulation of Skeletal Muscle Metabolism by Saturated and Monounsaturated Fatty Acids **2019**, 367-378		1
65	Interaction between hormone-sensitive lipase and ChREBP in fat cells controls insulin sensitivity. *Nature Metabolism*, **2019**, 1, 133-146	14.6	26
64	Caloric Restriction and Diet-Induced Weight Loss Do Not Induce Browning of Human Subcutaneous White Adipose Tissue in Women and Men with Obesity. *Cell Reports*, **2018**, 22, 1079-1089	10.6	40
63	Natriuretic peptides promote glucose uptake in a cGMP-dependent manner in human adipocytes. *Scientific Reports*, **2018**, 8, 1097	4.9	22
62	Natriuretic Peptides in Cardiovascular and Metabolic Crosstalk: Implications for Hypertension Management. *Hypertension*, **2018**, 72, 270-276	8.5	30
61	Muscle metabolic alterations induced by genetic ablation of 4E-BP1 and 4E-BP2 in response to diet-induced obesity. *Molecular Nutrition and Food Research*, **2017**, 61, 1700128	5.9	7
60	Does Insulin Resistance Trigger Natriuretic Peptide Deficiency?. *EBioMedicine*, **2017**, 17, 11-12	8.8	4
59	Effect of Human Myotubes-Derived Media on Glucose-Stimulated Insulin Secretion. *Journal of Diabetes Research*, **2017**, 2017, 1328573	3.9	7
58	Targeting cardiac natriuretic peptides in the therapy of diabetes and obesity. *Expert Opinion on Therapeutic Targets*, **2016**, 20, 1445-1452	6.4	28
57	Exercise-like effects by Estrogen-related receptor-gamma in muscle do not prevent insulin resistance in db/db mice. *Scientific Reports*, **2016**, 6, 26442	4.9	11
56	Natriuretic peptide control of energy balance and glucose homeostasis. *Biochimie*, **2016**, 124, 84-91	4.6	36
55	Intramyocellular fat storage in metabolic diseases. *Hormone Molecular Biology and Clinical Investigation*, **2016**, 26, 43-52	1.3	14
54	Glucagon-like peptide-1 does not have acute effects on central or renal hemodynamics in patients with type 2 diabetes without nephropathy. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E744-53	6	24

53	Perilipin 5 fine-tunes lipid oxidation to metabolic demand and protects against lipotoxicity in skeletal muscle. *Scientific Reports*, **2016**, 6, 38310	4.9	52
52	G0/G1 Switch Gene 2 controls adipose triglyceride lipase activity and lipid metabolism in skeletal muscle. *Molecular Metabolism*, **2016**, 5, 527-537	8.8	9
51	Adipocyte Exosomes Promote Melanoma Aggressiveness through Fatty Acid Oxidation: A Novel Mechanism Linking Obesity and Cancer. *Cancer Research*, **2016**, 76, 4051-7	10.1	164
50	Attenuated atrial natriuretic peptide-mediated lipolysis in subcutaneous adipocytes of obese type 2 diabetic men. *Clinical Science*, **2016**, 130, 1105-14	6.5	16
49	Renal extraction and acute effects of glucagon-like peptide-1 on central and renal hemodynamics in healthy men. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 308, E641-9	6	53
48	Primary defects in lipolysis and insulin action in skeletal muscle cells from type 2 diabetic individuals. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2015**, 1851, 1194-201	5	23
47	Fatty acids from fat cell lipolysis do not activate an inflammatory response but are stored as triacylglycerols in adipose tissue macrophages. *Diabetologia*, **2015**, 58, 2627-36	10.3	25
46	Defective Natriuretic Peptide Receptor Signaling in Skeletal Muscle Links Obesity to Type 2 Diabetes. *Diabetes*, **2015**, 64, 4033-45	0.9	56
45	Comment on Pellegrinelli et al. Human Adipocytes Induce Inflammation and Atrophy in Muscle Cells During Obesity. Diabetes 2015;64:3121-3134. *Diabetes*, **2015**, 64, e22;discussion e23-4	0.9	5
44	Myotubes from severely obese type 2 diabetic subjects accumulate less lipids and show higher lipolytic rate than myotubes from severely obese non-diabetic subjects. *PLoS ONE*, **2015**, 10, e0119556	3.7	15
43	Browning of white adipose cells by intermediate metabolites: an adaptive mechanism to alleviate redox pressure. *Diabetes*, **2014**, 63, 3253-65	0.9	175
42	Immune cell Toll-like receptor 4 mediates the development of obesity- and endotoxemia-associated adipose tissue fibrosis. *Cell Reports*, **2014**, 7, 1116-29	10.6	90
41	Influence of lipolysis and fatty acid availability on fuel selection during exercise. *Journal of Physiology and Biochemistry*, **2014**, 70, 583-91	5	7
40	Skeletal muscle perilipin 3 and coatomer proteins are increased following exercise and are associated with fat oxidation. *PLoS ONE*, **2014**, 9, e91675	3.7	36
39	Dynamics of skeletal muscle lipid pools. *Trends in Endocrinology and Metabolism*, **2013**, 24, 607-15	8.8	51
38	Natriuretic peptides and cGMP signaling control of energy homeostasis. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 304, H358-68	5.2	85
37	Endurance exercise training up-regulates lipolytic proteins and reduces triglyceride content in skeletal muscle of obese subjects. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 4863-71	5.6	57
36	Nine months of combined training improves ex vivo skeletal muscle metabolism in individuals with type 2 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 1694-702	5.6	83

35	Partial inhibition of adipose tissue lipolysis improves glucose metabolism and insulin sensitivity without alteration of fat mass. *PLoS Biology*, **2013**, 11, e1001485	9.7	143
34	High-fat diet-mediated lipotoxicity and insulin resistance is related to impaired lipase expression in mouse skeletal muscle. *Endocrinology*, **2013**, 154, 1444-53	4.8	63
33	Enhanced skeletal muscle lipid oxidative efficiency in insulin-resistant vs insulin-sensitive nondiabetic, nonobese humans. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E646-53	5.6	20
32	Comment on: Lazo et al. NH2-terminal pro-brain natriuretic peptide and risk of diabetes. Diabetes 2013;62:3189-3193. *Diabetes*, **2013**, 62, e28	0.9	1
31	Comment on: Sitnick et al. Skeletal muscle triacylglycerol hydrolysis does not influence metabolic complications of obesity. Diabetes 2013;62:3350-3361. *Diabetes*, **2013**, 62, e29	0.9	1
30	Enhanced glucose metabolism is preserved in cultured primary myotubes from obese donors in response to exercise training. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 3739-47	5.6	29
29	Natriuretic peptides and fat metabolism. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2013**, 16, 645-9	3.8	20
28	Palmitic acid follows a different metabolic pathway than oleic acid in human skeletal muscle cells; lower lipolysis rate despite an increased level of adipose triglyceride lipase. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2012**, 1821, 1323-33	5	25
27	Atrial natriuretic peptide and adiponectin interactions in man. *PLoS ONE*, **2012**, 7, e43238	3.7	56
26	Regulation of skeletal muscle lipolysis and oxidative metabolism by the co-lipase CGI-58. *Journal of Lipid Research*, **2012**, 53, 839-848	6.3	38
25	Natriuretic peptides enhance the oxidative capacity of human skeletal muscle. *Journal of Clinical Investigation*, **2012**, 122, 4675-9	15.9	127
24	Altered skeletal muscle lipase expression and activity contribute to insulin resistance in humans. *Diabetes*, **2011**, 60, 1734-42	0.9	94
23	Skeletal muscle lipase content and activity in obesity and type 2 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 5449-53	5.6	23
22	Influence of gender, obesity, and muscle lipase activity on intramyocellular lipids in sedentary individuals. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 3440-7	5.6	112
21	Natriuretic peptides: new players in energy homeostasis. *Diabetes*, **2009**, 58, 2726-8	0.9	28
20	Aerobic exercise training improves atrial natriuretic peptide and catecholamine-mediated lipolysis in obese women with polycystic ovary syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 2579-86	5.6	47
19	Control of lipolysis by natriuretic peptides and cyclic GMP. *Trends in Endocrinology and Metabolism*, **2008**, 19, 130-7	8.8	173
18	Metabolic flexibility and insulin resistance. *American Journal of Physiology - Endocrinology and Metabolism*, **2008**, 295, E1009-17	6	309

17	Determinants of intramyocellular triglyceride turnover: implications for insulin sensitivity. *American Journal of Physiology - Endocrinology and Metabolism*, **2008**, 294, E203-13	6	123
16	Atrial natriuretic peptide induces postprandial lipid oxidation in humans. *Diabetes*, **2008**, 57, 3199-204	0.9	96
15	Lipid oxidation according to intensity and exercise duration in overweight men and women. *Obesity* , **2007**, 15, 2256-62	8	16
14	Atrial natriuretic peptide contribution to lipid mobilization and utilization during head-down bed rest in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 293, R612-7	3.2	15
13	Plasma levels and adipose tissue messenger ribonucleic acid expression of retinol-binding protein 4 are reduced during calorie restriction in obese subjects but are not related to diet-induced changes in insulin sensitivity. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 2330-5	5.6	82
12	Profiling of adipokines secreted from human subcutaneous adipose tissue in response to PPAR agonists. *Biochemical and Biophysical Research Communications*, **2007**, 358, 897-902	3.4	28
11	Sex differences in lipolysis-regulating mechanisms in overweight subjects: effect of exercise intensity. *Obesity*, **2007**, 15, 2245-55	8	29
10	Effect of aerobic training on plasma levels and subcutaneous abdominal adipose tissue gene expression of adiponectin, leptin, interleukin 6, and tumor necrosis factor alpha in obese women. *Metabolism: Clinical and Experimental*, **2006**, 55, 1375-81	12.7	150
9	Beta-adrenergic and atrial natriuretic peptide interactions on human cardiovascular and metabolic regulation. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 5069-75	5.6	45
8	Cardiovascular and metabolic effects of natriuretic peptides. *Fundamental and Clinical Pharmacology*, **2006**, 20, 41-9	3.1	18
7	Differential regulation of atrial natriuretic peptide- and adrenergic receptor-dependent lipolytic pathways in human adipose tissue. *Metabolism: Clinical and Experimental*, **2005**, 54, 122-31	12.7	42
6	Lipid mobilization with physiological atrial natriuretic peptide concentrations in humans. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 3622-8	5.6	136
5	An unsuspected metabolic role for atrial natriuretic peptides: the control of lipolysis, lipid mobilization, and systemic nonesterified fatty acids levels in humans. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 2032-42	9.4	91
4	Training enhances ANP lipid-mobilizing action in adipose tissue of overweight men. *Medicine and Science in Sports and Exercise*, **2005**, 37, 1126-32	1.2	47
3	Atrial natriuretic peptide contributes to physiological control of lipid mobilization in humans. *FASEB Journal*, **2004**, 18, 908-10	0.9	140
2	Functional and pharmacological characterization of the natriuretic peptide-dependent lipolytic pathway in human fat cells. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 308, 984-92	4.7	68
1	GREM1 is epigenetically reprogrammed in muscle cells after exercise training and controls myogenesis and metabolism		3