

Cedric Moro

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.

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	Metabolic flexibility and insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 295, E1009-17	6	309
87	Browning of white adipose cells by intermediate metabolites: an adaptive mechanism to alleviate redox pressure. <i>Diabetes</i> , 2014 , 63, 3253-65	0.9	175
86	Control of lipolysis by natriuretic peptides and cyclic GMP. <i>Trends in Endocrinology and Metabolism</i> , 2008 , 19, 130-7	8.8	173
85	Adipocyte Exosomes Promote Melanoma Aggressiveness through Fatty Acid Oxidation: A Novel Mechanism Linking Obesity and Cancer. <i>Cancer Research</i> , 2016 , 76, 4051-7	10.1	164
84	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. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 1375-81	12.7	150
83	Partial inhibition of adipose tissue lipolysis improves glucose metabolism and insulin sensitivity without alteration of fat mass. <i>PLoS Biology</i> , 2013 , 11, e1001485	9.7	143
82	Atrial natriuretic peptide contributes to physiological control of lipid mobilization in humans. <i>FASEB Journal</i> , 2004 , 18, 908-10	0.9	140
81	Lipid mobilization with physiological atrial natriuretic peptide concentrations in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3622-8	5.6	136
80	Natriuretic peptides enhance the oxidative capacity of human skeletal muscle. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4675-9	15.9	127
79	Determinants of intramyocellular triglyceride turnover: implications for insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E203-13	6	123
78	Influence of gender, obesity, and muscle lipase activity on intramyocellular lipids in sedentary individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3440-7	5.6	112
77	Atrial natriuretic peptide induces postprandial lipid oxidation in humans. <i>Diabetes</i> , 2008 , 57, 3199-204	0.9	96
76	Altered skeletal muscle lipase expression and activity contribute to insulin resistance in humans. <i>Diabetes</i> , 2011 , 60, 1734-42	0.9	94
75	An unsuspected metabolic role for atrial natriuretic peptides: the control of lipolysis, lipid mobilization, and systemic nonesterified fatty acids levels in humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 2032-42	9.4	91
74	Immune cell Toll-like receptor 4 mediates the development of obesity- and endotoxemia-associated adipose tissue fibrosis. <i>Cell Reports</i> , 2014 , 7, 1116-29	10.6	90
73	Natriuretic peptides and cGMP signaling control of energy homeostasis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H358-68	5.2	85
72	Nine months of combined training improves ex vivo skeletal muscle metabolism in individuals with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 1694-702	5.6	83

71	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 2330-5	5.6	82
70	Functional and pharmacological characterization of the natriuretic peptide-dependent lipolytic pathway in human fat cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 984-92	4.7	68
69	High-fat diet-mediated lipotoxicity and insulin resistance is related to impaired lipase expression in mouse skeletal muscle. <i>Endocrinology</i> , 2013 , 154, 1444-53	4.8	63
68	Endurance exercise training up-regulates lipolytic proteins and reduces triglyceride content in skeletal muscle of obese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4863-71	5.6	57
67	Defective Natriuretic Peptide Receptor Signaling in Skeletal Muscle Links Obesity to Type 2 Diabetes. <i>Diabetes</i> , 2015 , 64, 4033-45	0.9	56
66	Atrial natriuretic peptide and adiponectin interactions in man. <i>PLoS ONE</i> , 2012 , 7, e43238	3.7	56
65	Renal extraction and acute effects of glucagon-like peptide-1 on central and renal hemodynamics in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E641-9	6	53
64	Perilipin 5 fine-tunes lipid oxidation to metabolic demand and protects against lipotoxicity in skeletal muscle. <i>Scientific Reports</i> , 2016 , 6, 38310	4.9	52
63	Dynamics of skeletal muscle lipid pools. <i>Trends in Endocrinology and Metabolism</i> , 2013 , 24, 607-15	8.8	51
62	Aerobic exercise training improves atrial natriuretic peptide and catecholamine-mediated lipolysis in obese women with polycystic ovary syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 2579-86	5.6	47
61	Training enhances ANP lipid-mobilizing action in adipose tissue of overweight men. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 1126-32	1.2	47
60	Exercise-Released Myokines in the Control of Energy Metabolism. <i>Frontiers in Physiology</i> , 2020 , 11, 91	4.6	45
59	Beta-adrenergic and atrial natriuretic peptide interactions on human cardiovascular and metabolic regulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 5069-75	5.6	45
58	Differential regulation of atrial natriuretic peptide- and adrenergic receptor-dependent lipolytic pathways in human adipose tissue. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 122-31	12.7	42
57	Caloric Restriction and Diet-Induced Weight Loss Do Not Induce Browning of Human Subcutaneous White Adipose Tissue in Women and Men with Obesity. <i>Cell Reports</i> , 2018 , 22, 1079-1089	10.6	40
56	Regulation of skeletal muscle lipolysis and oxidative metabolism by the co-lipase CGI-58. <i>Journal of Lipid Research</i> , 2012 , 53, 839-848	6.3	38
55	Growth and differentiation factor 15 is secreted by skeletal muscle during exercise and promotes lipolysis in humans. <i>JCI Insight</i> , 2020 , 5,	9.9	37
54	Natriuretic peptide control of energy balance and glucose homeostasis. <i>Biochimie</i> , 2016 , 124, 84-91	4.6	36

53	Skeletal muscle perilipin 3 and coatomer proteins are increased following exercise and are associated with fat oxidation. <i>PLoS ONE</i> , 2014 , 9, e91675	3.7	36
52	Natriuretic Peptides in Cardiovascular and Metabolic Crosstalk: Implications for Hypertension Management. <i>Hypertension</i> , 2018 , 72, 270-276	8.5	30
51	Enhanced glucose metabolism is preserved in cultured primary myotubes from obese donors in response to exercise training. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 3739-47	5.6	29
50	Sex differences in lipolysis-regulating mechanisms in overweight subjects: effect of exercise intensity. <i>Obesity</i> , 2007 , 15, 2245-55	8	29
49	Targeting cardiac natriuretic peptides in the therapy of diabetes and obesity. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 1445-1452	6.4	28
48	Natriuretic peptides: new players in energy homeostasis. <i>Diabetes</i> , 2009 , 58, 2726-8	0.9	28
47	Profiling of adipokines secreted from human subcutaneous adipose tissue in response to PPAR agonists. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 358, 897-902	3.4	28
46	The lipid droplet-associated protein ABHD5 protects the heart through proteolysis of HDAC4. <i>Nature Metabolism</i> , 2019 , 1, 1157-1167	14.6	27
45	Interaction between hormone-sensitive lipase and ChREBP in fat cells controls insulin sensitivity. <i>Nature Metabolism</i> , 2019 , 1, 133-146	14.6	26
44	Fatty acids from fat cell lipolysis do not activate an inflammatory response but are stored as triacylglycerols in adipose tissue macrophages. <i>Diabetologia</i> , 2015 , 58, 2627-36	10.3	25
43	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. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 1323-33	5	25
42	Glucagon-like peptide-1 does not have acute effects on central or renal hemodynamics in patients with type 2 diabetes without nephropathy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E744-53	6	24
41	Primary defects in lipolysis and insulin action in skeletal muscle cells from type 2 diabetic individuals. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 1194-201	5	23
40	Skeletal muscle lipase content and activity in obesity and type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 5449-53	5.6	23
39	Natriuretic peptides promote glucose uptake in a cGMP-dependent manner in human adipocytes. <i>Scientific Reports</i> , 2018 , 8, 1097	4.9	22
38	Enhanced skeletal muscle lipid oxidative efficiency in insulin-resistant vs insulin-sensitive nondiabetic, nonobese humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E646-53	5.6	20
37	Natriuretic peptides and fat metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013 , 16, 645-9	3.8	20
36	The Release of Adipose Stromal Cells from Subcutaneous Adipose Tissue Regulates Ectopic Intramuscular Adipocyte Deposition. <i>Cell Reports</i> , 2019 , 27, 323-333.e5	10.6	18

35	Cardiovascular and metabolic effects of natriuretic peptides. <i>Fundamental and Clinical Pharmacology</i> , 2006 , 20, 41-9	3.1	18
34	Exerkines in health, resilience and disease.. <i>Nature Reviews Endocrinology</i> , 2022 ,	15.2	17
33	Lipid oxidation according to intensity and exercise duration in overweight men and women. <i>Obesity</i> , 2007 , 15, 2256-62	8	16
32	Attenuated atrial natriuretic peptide-mediated lipolysis in subcutaneous adipocytes of obese type2 diabetic men. <i>Clinical Science</i> , 2016 , 130, 1105-14	6.5	16
31	Extracellular Fluid Volume Expansion Uncovers a Natriuretic Action of GLP-1: A Functional GLP-1-Renal Axis in Man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2509-2519	5.6	15
30	Atrial natriuretic peptide contribution to lipid mobilization and utilization during head-down bed rest in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 293, R612-7	3.2	15
29	Myotubes from severely obese type 2 diabetic subjects accumulate less lipids and show higher lipolytic rate than myotubes from severely obese non-diabetic subjects. <i>PLoS ONE</i> , 2015 , 10, e0119556	3.7	15
28	Intramyocellular fat storage in metabolic diseases. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016 , 26, 43-52	1.3	14
27	Exercise-like effects by Estrogen-related receptor-gamma in muscle do not prevent insulin resistance in db/db mice. <i>Scientific Reports</i> , 2016 , 6, 26442	4.9	11
26	Novel Insights and Mechanisms of Lipotoxicity-Driven Insulin Resistance. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
25	G0/G1 Switch Gene 2 controls adipose triglyceride lipase activity and lipid metabolism in skeletal muscle. <i>Molecular Metabolism</i> , 2016 , 5, 527-537	8.8	9
24	Lactate fluxes mediated by the monocarboxylate transporter-1 are key determinants of the metabolic activity of beige adipocytes. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100137	5.4	9
23	Atrial Natriuretic Peptide Orchestrates a Coordinated Physiological Response to Fuel Non-shivering Thermogenesis. <i>Cell Reports</i> , 2020 , 32, 108075	10.6	8
22	Muscle metabolic alterations induced by genetic ablation of 4E-BP1 and 4E-BP2 in response to diet-induced obesity. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1700128	5.9	7
21	Effect of Human Myotubes-Derived Media on Glucose-Stimulated Insulin Secretion. <i>Journal of Diabetes Research</i> , 2017 , 2017, 1328573	3.9	7
20	Influence of lipolysis and fatty acid availability on fuel selection during exercise. <i>Journal of Physiology and Biochemistry</i> , 2014 , 70, 583-91	5	7
19	Reappraisal of the optimal fasting time for insulin tolerance tests in mice. <i>Molecular Metabolism</i> , 2020 , 42, 101058	8.8	7
18	Influence of Acute and Chronic Exercise on Abdominal Fat Lipolysis: An Update. <i>Frontiers in Physiology</i> , 2020 , 11, 575363	4.6	6

17	Primary defects in lipid handling and resistance to exercise in myotubes from obese donors with and without type 2 diabetes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, 169-179	3	6
16	Comment on Pellegrinelli et al. Human Adipocytes Induce Inflammation and Atrophy in Muscle Cells During Obesity. <i>Diabetes</i> 2015;64:3121-3134. <i>Diabetes</i> , 2015 , 64, e22;discussion e23-4	0.9	5
15	Does Insulin Resistance Trigger Natriuretic Peptide Deficiency?. <i>EBioMedicine</i> , 2017 , 17, 11-12	8.8	4
14	Estetrol prevents Western diet-induced obesity and atheroma independently of hepatic estrogen receptor α <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E19-E29	6	4
13	Effects of Physiological Doses of Resveratrol and Quercetin on Glucose Metabolism in Primary Myotubes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
12	GREM1 is epigenetically reprogrammed in muscle cells after exercise training and controls myogenesis and metabolism		3
11	Increased oral sodium chloride intake in humans amplifies selectively postprandial GLP-1 but not GIP, CCK, and gastrin in plasma. <i>Physiological Reports</i> , 2020 , 8, e14519	2.6	2
10	Comment on: Lazo et al. NH2-terminal pro-brain natriuretic peptide and risk of diabetes. <i>Diabetes</i> 2013;62:3189-3193. <i>Diabetes</i> , 2013 , 62, e28	0.9	1
9	Comment on: Sitnick et al. Skeletal muscle triacylglycerol hydrolysis does not influence metabolic complications of obesity. <i>Diabetes</i> 2013;62:3350-3361. <i>Diabetes</i> , 2013 , 62, e29	0.9	1
8	DietSee: An on-hand, portable, strip-type biosensor for lipolysis monitoring via real-time amperometric determination of glycerol in blood. <i>Analytica Chimica Acta</i> , 2021 , 1155, 338358	6.6	1
7	Regulation of Skeletal Muscle Metabolism by Saturated and Monounsaturated Fatty Acids 2019 , 367-378		1
6	Network analyses reveal negative link between changes in adipose tissue GDF15 and BMI during dietary induced weight loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	1
5	Cyclic AMP-binding protein Epac1 acts as a metabolic sensor to promote cardiomyocyte lipotoxicity. <i>Cell Death and Disease</i> , 2021 , 12, 824	9.8	1
4	GTTs and ITTs: aim for shorter fasting times. <i>Nature Metabolism</i> , 2021 , 3, 1133	14.6	0
3	Metabolic and cardiovascular adaptations to an 8-wk lifestyle weight loss intervention in younger and older obese men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 321, E325-E337	6	0
2	Nuclear HMGB1 protects from nonalcoholic fatty liver disease through negative regulation of liver X receptor.. <i>Science Advances</i> , 2022 , 8, eabg9055	14.3	0
1	Epigenetic imprinting of human skeletal muscle cells: From metabolic diseases to myopathy. <i>Journal of Physiology</i> , 2021 , 599, 9-10	3.9	