Max Lafontan

List of Publications by Year
in descending order

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42 papers	5,688 citations	136950 32 h-index	302126 39 g-index
46 all docs	46 docs citations	46 times ranked	6103 citing authors

#	Article	IF	Citations
1	Leptin, the Product of Ob Gene, Promotes Angiogenesis. Circulation Research, 1998, 83, 1059-1066.	4.5	650
2	Lipolysis and lipid mobilization in human adipose tissue. Progress in Lipid Research, 2009, 48, 275-297.	11.6	630
3	Leptin induces oxidative stress in human endothelial cells. FASEB Journal, 1999, 13, 1231-1238.	0.5	611
4	Natriuretic peptides: a new lipolytic pathway in human adipocytes. FASEB Journal, 2000, 14, 1345-1351.	0.5	404
5	Do regional differences in adipocyte biology provide new pathophysiological insights?. Trends in Pharmacological Sciences, 2003, 24, 276-283.	8.7	252
6	Unexpected trafficking of immune cells within the adipose tissue during the onset of obesity. Biochemical and Biophysical Research Communications, 2009, 384, 482-485.	2.1	245
7	Adipose Tissue Endothelial Cells From Obese Human Subjects: Differences Among Depots in Angiogenic, Metabolic, and Inflammatory Gene Expression and Cellular Senescence. Diabetes, 2010, 59, 2755-2763.	0.6	232
8	Involvement of a cGMP-dependent Pathway in the Natriuretic Peptide-mediated Hormone-sensitive Lipase Phosphorylation in Human Adipocytes. Journal of Biological Chemistry, 2003, 278, 48617-48626.	3.4	221
9	Interplay Between Human Adipocytes and T Lymphocytes in Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1608-1614.	2.4	205
10	Control of lipolysis by natriuretic peptides and cyclic GMP. Trends in Endocrinology and Metabolism, 2008, 19, 130-137.	7.1	203
11	Atrial natriuretic peptide contributes to the physiological control of lipid mobilization in humans. FASEB Journal, 2004, 18, 908-910.	0.5	157
12	Lipid Mobilization with Physiological Atrial Natriuretic Peptide Concentrations in Humans. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3622-3628.	3.6	152
13	FAT CELLS: Afferent and Efferent Messages Define New Approaches to Treat Obesity. Annual Review of Pharmacology and Toxicology, 2005, 45, 119-146.	9.4	145
14	Natriuretic peptide-dependent lipolysis in fat cells is a primate specificity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R257-R265.	1.8	139
15	Fat Cell Î±2-Adrenoceptors: The Regulation of Fat CellFunction and Lipolysis*. Endocrine Reviews, 1995, 16, 716-738.	20.1	130
16	Atrial Natriuretic Peptide Induces Postprandial Lipid Oxidation in Humans. Diabetes, 2008, 57, 3199-3204.	0.6	125
17	Natriuretic peptides and cGMP signaling control of energy homeostasis. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H358-H368.	3.2	105
18	An Unsuspected Metabolic Role for Atrial Natriuretic Peptides. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2032-2042.	2.4	102

#	Article	IF	Citations
19	The lipid-mobilizing effect of atrial natriuretic peptide is unrelated to sympathetic nervous system activation or obesity in young men. Journal of Lipid Research, 2001, 42, 536-544.	4.2	89
20	Pharmacological prospects for Î±2-adrenoceptor antagonist therapy. Trends in Pharmacological Sciences, 1992, 13, 277-282.	8.7	85
21	Evidence for the Î±2 nature of the Î±-adrenergic receptor inhibiting lipolysis in human fat cells. European Journal of Pharmacology, 1980, 66, 87-93.	3.5	78
22	Historical perspectives in fat cell biology: the fat cell as a model for the investigation of hormonal and metabolic pathways. American Journal of Physiology - Cell Physiology, 2012, 302, C327-C359.	4.6	77
23	Functional and Pharmacological Characterization of the Natriuretic Peptide-Dependent Lipolytic Pathway in Human Fat Cells. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 984-992.	2.5	72
24	Activation of Î±₂-adrenergic receptors impairs exercise-induced lipolysis in SCAT of obese subjects. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R499-R504.	1.8	68
25	Characterization of NPY receptors controlling lipolysis and leptin secretion in human adipocytes. FEBS Letters, 2000, 475, 150-156.	2.8	64
26	Secretion of a lysophospholipase D activity by adipocytes: involvement in lysophosphatidic acid synthesis. Journal of Lipid Research, 2002, 43, 904-910.	4.2	62
27	Atrial natriuretic peptide stimulates lipid mobilization during repeated bouts of endurance exercise. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E864-E869.	3.5	54
28	Training Enhances ANP Lipid-Mobilizing Action in Adipose Tissue of Overweight Men. Medicine and Science in Sports and Exercise, 2005, 37, 1126-1132.	0.4	51
29	Î²-Adrenergic and Atrial Natriuretic Peptide Interactions on Human Cardiovascular and Metabolic Regulation. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 5069-5075.	3.6	50
30	Exercise-induced lipid mobilization in subcutaneous adipose tissue is mainly related to natriuretic peptides in overweight men. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E505-E513.	3.5	50
31	Differential regulation of atrial natriuretic peptideâ€“ and adrenergic receptorâ€“dependent lipolytic pathways in human adipose tissue. Metabolism: Clinical and Experimental, 2005, 54, 122-131.	3.4	44
32	Sex Differences in Lipolysis-Regulating Mechanisms in Overweight Subjects: Effect of Exercise Intensity*. Obesity, 2007, 15, 2245-2255.	3.0	33
33	Lipid mobilization in subcutaneous adipose tissue during exercise in lean and obese humans. Roles of insulin and natriuretic peptides. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E258-E265.	3.5	26
34	Impact of a Mechanical Massage on Gene Expression Profile and Lipid Mobilization in Female Gluteofemoral Adipose Tissue. Obesity Facts, 2011, 4, 121-129.	3.4	22
35	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-R617.	1.8	17
36	Interrelationship between lymphocytes and leptin in fat depots of obese mice revealed by changes in nutritional status. Journal of Physiology and Biochemistry, 2015, 71, 497-507.	3.0	6

#	Article	IF	Citations
37	Adipose Tissue: Development, Anatomy and Functions. , 0, , 79-108.		4
38	Differences Between Subcutaneous and Visceral Adipose Tissues. , 2013, , 329-349.		4
39	cAMP- and cGMP-dependent control of lipolysis and lipid mobilization in humans: putative targets for fat cell management. , 2006, , 53-77.		2
40	Cellular Remodeling during the Growth of the Adipose Tissue. , 2011, , 183-190.		1
41	Tissu adipeux : glande endocrine polyvalente. Cahiers De Nutrition Et De Dietetique, 2007, 42, 79-83.	0.3	0
42	Les cellules endothÃ©liales du tissu adipeux. Cahiers De Nutrition Et De Dietetique, 2011, 46, 234-239.	0.3	0