

Björn Richelsen

List of Publications by Year in descending order

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62
papers

5,386
citations

81900

39
h-index

118850

62
g-index

62
all docs

62
docs citations

62
times ranked

8155
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiponectin: action, regulation and association to insulin sensitivity. <i>Obesity Reviews</i> , 2005, 6, 13-21.	6.5	569
2	Monocyte Chemoattractant Protein-1 Release Is Higher in Visceral than Subcutaneous Human Adipose Tissue (AT): Implication of Macrophages Resident in the AT. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2282-2289.	3.6	476
3	Sucrose-sweetened beverages increase fat storage in the liver, muscle, and visceral fat depot: a 6-mo randomized intervention study. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 283-289.	4.7	476
4	Lower expression of adiponectin mRNA in visceral adipose tissue in lean and obese subjects. <i>Molecular and Cellular Endocrinology</i> , 2004, 219, 9-15.	3.2	283
5	Estrogen Controls Lipolysis by Up-Regulating β -Adrenergic Receptors Directly in Human Adipose Tissue through the Estrogen Receptor β . Implications for the Female Fat Distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1869-1878.	3.6	224
6	Expression of vitamin D-metabolizing enzymes in human adipose tissue—the effect of obesity and diet-induced weight loss. <i>International Journal of Obesity</i> , 2013, 37, 651-657.	3.4	192
7	Effects of vitamin D supplementation on body fat accumulation, inflammation, and metabolic risk factors in obese adults with low vitamin D levels — Results from a randomized trial. <i>European Journal of Internal Medicine</i> , 2013, 24, 644-649.	2.2	185
8	Regional differences in triglyceride breakdown in human adipose tissue: Effects of catecholamines, insulin, and prostaglandin E ₂ . <i>Metabolism: Clinical and Experimental</i> , 1991, 40, 990-996.	3.4	167
9	Demonstration of estrogen receptor subtypes β and β in human adipose tissue: influences of adipose cell differentiation and fat depot localization. <i>Molecular and Cellular Endocrinology</i> , 2001, 182, 27-37.	3.2	131
10	Regulation of Interleukin 8 Production and Gene Expression in Human Adipose Tissue in Vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1267-1273.	3.6	128
11	Effects of pro-inflammatory cytokines and chemokines on leptin production in human adipose tissue in vitro. <i>Molecular and Cellular Endocrinology</i> , 2002, 190, 91-99.	3.2	119
12	Regulation of UCP1, UCP2, and UCP3 mRNA Expression in Brown Adipose Tissue, White Adipose Tissue, and Skeletal Muscle in Rats by Estrogen. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 191-197.	2.1	113
13	Anti-inflammatory effect of resveratrol on adipokine expression and secretion in human adipose tissue explants. <i>International Journal of Obesity</i> , 2010, 34, 1546-1553.	3.4	107
14	AICAR stimulates adiponectin and inhibits cytokines in adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 853-858.	2.1	105
15	Satiety scores and satiety hormone response after sucrose-sweetened soft drink compared with isocaloric semi-skimmed milk and with non-caloric soft drink: a controlled trial. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 523-529.	2.9	99
16	Low Sirt1 expression, which is upregulated by fasting, in human adipose tissue from obese women. <i>International Journal of Obesity</i> , 2008, 32, 1250-1255.	3.4	93
17	Diet-Induced Weight Loss and Exercise Alone and in Combination Enhance the Expression of Adiponectin Receptors in Adipose Tissue and Skeletal Muscle, but Only Diet-Induced Weight Loss Enhanced Circulating Adiponectin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 911-919.	3.6	91
18	Regulation of Leptin by Steroid Hormones in Rat Adipose Tissue. <i>Biochemical and Biophysical Research Communications</i> , 1999, 259, 624-630.	2.1	89

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19	Characterization of regional and gender differences in glucocorticoid receptors and lipoprotein lipase activity in human adipose tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 78, 1354-1359.	3.6	86
20	Resveratrol in metabolic health: an overview of the current evidence and perspectives. <i>Annals of the New York Academy of Sciences</i> , 2013, 1290, 74-82.	3.8	85
21	Resveratrol up-regulates hepatic uncoupling protein 2 and prevents development of nonalcoholic fatty liver disease in rats fed a high-fat diet. <i>Nutrition Research</i> , 2012, 32, 701-708.	2.9	79
22	Hormone replacement therapy affects body composition and leptin differently in obese and non-obese postmenopausal women. <i>Journal of Endocrinology</i> , 1999, 163, 55-62.	2.6	76
23	Effects of in vivo estrogen treatment on adipose tissue metabolism and nuclear estrogen receptor binding in isolated rat adipocytes. <i>Molecular and Cellular Endocrinology</i> , 1992, 85, 13-19.	3.2	71
24	Fuel metabolism, energy expenditure, and thyroid function in growth hormone-treated obese women: A double-blind placebo-controlled study. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 872-877.	3.4	69
25	Effects of LPS and dietary free fatty acids on MCP-1 in 3T3-L1 adipocytes and macrophages in vitro. <i>Nutrition and Diabetes</i> , 2014, 4, e113-e113.	3.2	69
26	Insulin and Contraction Directly Stimulate UCP2 and UCP3 mRNA Expression in Rat Skeletal Muscle in Vitro. <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 19-25.	2.1	63
27	Resveratrol reduces the levels of circulating androgen precursors but has no effect on, testosterone, dihydrotestosterone, PSA levels or prostate volume. A 4-month randomised trial in middle-aged men. <i>Prostate</i> , 2015, 75, 1255-1263.	2.3	63
28	Acute exercise increases circulating inflammatory markers in overweight and obese compared with lean subjects. <i>European Journal of Applied Physiology</i> , 2013, 113, 1635-1642.	2.5	61
29	The anti-diabetic AMPK activator AICAR reduces IL-6 and IL-8 in human adipose tissue and skeletal muscle cells. <i>Molecular and Cellular Endocrinology</i> , 2008, 292, 36-41.	3.2	58
30	Comparable reduction of the visceral adipose tissue depot after a diet-induced weight loss with or without aerobic exercise in obese subjects: a 12-week randomized intervention study. <i>European Journal of Endocrinology</i> , 2009, 160, 759-767.	3.7	58
31	Abdominal obesity is associated with insulin resistance and reduced glycogen synthase activity in skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 1993, 42, 998-1005.	3.4	57
32	Differences in Plasminogen Activator Inhibitor 1 in Subcutaneous Versus Omental Adipose Tissue in Non-Obese and Obese Subjects. <i>Hormone and Metabolic Research</i> , 2003, 35, 178-182.	1.5	54
33	Evidence of increased visceral obesity and reduced physical fitness in healthy insulin-resistant first-degree relatives of type 2 diabetic patients. <i>European Journal of Endocrinology</i> , 2004, 150, 207-214.	3.7	52
34	Growth Hormone (GH) Substitution in GH-Deficient Patients Inhibits 11 β -Hydroxysteroid Dehydrogenase Type 1 Messenger Ribonucleic Acid Expression in Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 1093-1098.	3.6	50
35	Investigations of the Anti-inflammatory Effects of Vitamin D in Adipose Tissue: Results from an In Vitro Study and a Randomized Controlled Trial. <i>Hormone and Metabolic Research</i> , 2013, 45, 456-462.	1.5	48
36	Metformin, but not Thiazolidinediones, Inhibits Plasminogen Activator Inhibitor-1 Production in Human Adipose Tissue in Vitro. <i>Hormone and Metabolic Research</i> , 2003, 35, 18-23.	1.5	46

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37	Resveratrol has inhibitory effects on the hypoxia-induced inflammation and angiogenesis in human adipose tissue in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 251-257.	4.0	42
38	Differential expression of prostaglandin receptor mRNAs during adipose cell differentiation. <i>Prostaglandins and Other Lipid Mediators</i> , 1999, 57, 305-317.	1.9	41
39	The Effect of High-Dose Vitamin D Supplementation on Calcitropic Hormones and Bone Mineral Density in Obese Subjects with Low Levels of Circulating 25-Hydroxyvitamin D: Results from a Randomized Controlled Study. <i>Calcified Tissue International</i> , 2013, 93, 69-77.	3.1	41
40	Tumor necrosis factor α is associated with insulin-mediated suppression of free fatty acids and net lipid oxidation in HIV-infected patients with lipodystrophy. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 175-182.	3.4	38
41	Investigations of the human endocannabinoid system in two subcutaneous adipose tissue depots in lean subjects and in obese subjects before and after weight loss. <i>International Journal of Obesity</i> , 2011, 35, 1377-1384.	3.4	38
42	Depleted skeletal muscle mitochondrial DNA, hyperlactatemia, and decreased oxidative capacity in HIV-infected patients on highly active antiretroviral therapy. <i>Journal of Medical Virology</i> , 2005, 77, 29-38.	5.0	36
43	Plasminogen activator inhibitor type 1 (PAI-1) in plasma and adipose tissue in HIV-associated lipodystrophy syndrome. Implications of adipokines. <i>European Journal of Clinical Investigation</i> , 2005, 35, 583-590.	3.4	35
44	Stimulation of PAI-1 and adipokines by glucose in human adipose tissue in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 878-883.	2.1	30
45	Gene Expression of a Truncated and the Full-Length Growth Hormone (GH) Receptor in Subcutaneous Fat and Skeletal Muscle in GH-Deficient Adults: Impact of GH Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 792-796.	3.6	29
46	Effects of long-term total fasting and insulin on ob gene expression in obese patients. <i>European Journal of Endocrinology</i> , 1997, 137, 229-233.	3.7	28
47	Short-term resveratrol supplementation stimulates serum levels of bone-specific alkaline phosphatase in obese non-diabetic men. <i>Journal of Functional Foods</i> , 2014, 6, 305-310.	3.4	26
48	The production and regulation of IGF and IGFbps in human adipose tissue cultures. <i>Growth Hormone and IGF Research</i> , 2012, 22, 200-205.	1.1	24
49	Augmented effect of short-term pulsatile versus continuous insulin delivery on lipid metabolism but similar effect on whole-body glucose metabolism in obese subjects. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 842-846.	3.4	23
50	Estrogen Reduces Pro-Inflammatory Cytokines in Rodent Adipose Tissue: Studies In vivo and In vitro. <i>Hormone and Metabolic Research</i> , 2003, 35, 142-146.	1.5	23
51	Polyamines in rat adipocytes: Their localization and their effects on the insulin receptor binding. <i>Molecular and Cellular Endocrinology</i> , 1989, 62, 161-166.	3.2	20
52	Increased adiposity and reduced adipose tissue mRNA expression of uncoupling protein-2 in first-degree relatives of type 2 diabetic patients: evidence for insulin stimulation of UCP-2 and UCP-3 gene expression in adipose tissue. <i>Diabetes, Obesity and Metabolism</i> , 2005, 7, 98-105.	4.4	17
53	Reduced cannabinoid receptor 1 protein in subcutaneous adipose tissue of obese. <i>European Journal of Clinical Investigation</i> , 2010, 40, 121-126.	3.4	17
54	Expression of the two isoforms of prostaglandin endoperoxide synthase (PGHS-1 and PGHS-2) during adipose cell differentiation. <i>Molecular and Cellular Endocrinology</i> , 1997, 131, 67-77.	3.2	16

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55	Increased ornithine decarboxylase activity in kidneys undergoing hypertrophy in experimental diabetes. <i>Molecular and Cellular Endocrinology</i> , 1992, 86, 67-72.	3.2	15
56	Inhibitory effects of resveratrol on hypoxia-induced inflammation in 3T3-L1 adipocytes and macrophages. <i>Journal of Functional Foods</i> , 2014, 7, 171-179.	3.4	14
57	Regulation of CD163 mRNA and soluble CD163 protein in human adipose tissue in vitro. <i>Journal of Molecular Endocrinology</i> , 2014, 53, 227-235.	2.5	10
58	Systemic Administration of Epidermal Growth Factor Increases UCP3 mRNA Levels in Skeletal Muscle and Adipose Tissue in Rats. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 914-919.	2.1	9
59	Inhibition of renal ornithine decarboxylase activity fails to reduce kidney size and urinary albumin excretion in diabetic rats with manifest kidney hypertrophy. <i>Molecular and Cellular Endocrinology</i> , 1995, 107, 123-128.	3.2	7
60	Circulating sex hormones and gene expression of subcutaneous adipose tissue oestrogen and alpha-adrenergic receptors in HIV-lipodystrophy: implications for fat distribution. <i>Clinical Endocrinology</i> , 2007, 67, 250-258.	2.4	7
61	Systemic Administration of Epidermal Growth Factor Reduces Fat Mass in Rats: Effects on the Hormone-Sensitive-Lipase, Lipoprotein Lipase and Leptin. <i>Hormone Research in Paediatrics</i> , 1998, 50, 292-296.	1.8	6
62	Phosphoinositide metabolism in adipocytes from hypothyroid rats. <i>European Journal of Pharmacology</i> , 1991, 206, 81-85.	2.6	2