Jens Meldgaard Bruun

List of Publications by Year
in descending order

63 papers	5,091 citations	117625 34 h-index	118850 62 g-index
64 all docs	64 docs citations	64 times ranked	6790 citing authors

#	Article	IF	Citations
1	Regulation of adiponectin by adipose tissue-derived cytokines: in vivo and in vitro investigations in humans. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E527-E533.	3.5	638
2	Monocyte Chemoattractant Protein-1 Release Is Higher in Visceral than Subcutaneous Human Adipose Tissue (AT): Implication of Macrophages Resident in the AT. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2282-2289.	3.6	476
3	Diet and exercise reduce low-grade inflammation and macrophage infiltration in adipose tissue but not in skeletal muscle in severely obese subjects. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E961-E967.	3.5	360
4	Lower expression of adiponectin mRNA in visceral adipose tissue in lean and obese subjects. Molecular and Cellular Endocrinology, 2004, 219, 9-15.	3.2	283
5	Association between measures of insulin sensitivity and circulating levels of interleukin-8, interleukin-6 and tumor necrosis factor-alpha. Effect of weight loss in obese men. European Journal of Endocrinology, 2003, 148, 535-542.	3.7	238
6	Exercise training versus diet-induced weight-loss on metabolic risk factors and inflammatory markers in obese subjects: a 12-week randomized intervention study. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E824-E831.	3.5	199
7	Higher production of IL-8 in visceral vs. subcutaneous adipose tissue. Implication of nonadipose cells in adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E8-E13.	3.5	174
8	Weight loss larger than 10% is needed for general improvement of levels of circulating adiponectin and markers of inflammation in obese subjects: a 3-year weight loss study. European Journal of Endocrinology, 2008, 158, 179-187.	3.7	173
9	Regulation of Interleukin 8 Production and Gene Expression in Human Adipose Tissue in Vitro1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1267-1273.	3.6	146
10	Adiponectin Receptors in Human Adipose Tissue: Effects of Obesity, Weight Loss, and Fat Depots. Obesity, 2006, 14, 28-35.	3.0	137
11	Demonstration of estrogen receptor subtypes Î± and Î² in human adipose tissue: influences of adipose cell differentiation and fat depot localization. Molecular and Cellular Endocrinology, 2001, 182, 27-37.	3.2	131
12	Regulation of Interleukin 8 Production and Gene Expression in Human Adipose Tissue in Vitro. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1267-1273.	3.6	128
13	Interleukin-18 in plasma and adipose tissue: effects of obesity, insulin resistance, and weight loss. European Journal of Endocrinology, 2007, 157, 465-471.	3.7	127
14	Effects of pro-inflammatory cytokines and chemokines on leptin production in human adipose tissue in vitro. Molecular and Cellular Endocrinology, 2002, 190, 91-99.	3.2	119
15	Regulation of UCP1, UCP2, and UCP3 mRNA Expression in Brown Adipose Tissue, White Adipose Tissue, and Skeletal Muscle in Rats by Estrogen. Biochemical and Biophysical Research Communications, 2001, 288, 191-197.	2.1	113
16	Novel Associations Between Bioavailable Estradiol and Adipokines in Elderly Women With Different Phenotypes of Obesity. Circulation, 2004, 110, 2246-2252.	1.6	96
17	Weight Loss Maintenance in Severely Obese Adults after an Intensive Lifestyle Intervention: 2â€to 4â€Year Followâ€Up. Obesity, 2007, 15, 413-420.	3.0	96
18	COVIDâ€19 and obesity. Clinical Obesity, 2020, 10, e12365.	2.0	96

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19	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. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 911-919.	3.6	91
20	An Oil Mixture with Trans-10, Cis-12 Conjugated Linoleic Acid Increases Markers of Inflammation and in Vivo Lipid Peroxidation Compared with Cis-9, Trans-11 Conjugated Linoleic Acid in Postmenopausal Women. Journal of Nutrition, 2008, 138, 1445-1451.	2.9	82
21	Plasma monocyte chemoattractant proteinâ€1 (MCPâ€1) and macrophage inflammatory proteinâ€1Î± are increased in patients with polycystic ovary syndrome (PCOS) and associated with adiposity, but unaffected by pioglitazone treatment. Clinical Endocrinology, 2009, 71, 652-658.	2.4	66
22	Acute exercise increases circulating inflammatory markers in overweight and obese compared with lean subjects. European Journal of Applied Physiology, 2013, 113, 1635-1642.	2.5	61
23	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. European Journal of Endocrinology, 2009, 160, 759-767.	3.7	58
24	Beta-1 and Not Beta-3 Adrenergic Receptors May Be the Primary Regulator of Human Brown Adipocyte Metabolism. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e994-e1005.	3.6	58
25	Opposite Regulation of Interleukinâ€8 and Tumor Necrosis Factorâ€Î± by Weight Loss. Obesity, 2002, 10, 499-506.	4.0	56
26	Differences in Plasminogen Activator Inhibitor 1 in Subcutaneous Versus Omental Adipose Tissue in Non-Obese and Obese Subjects. Hormone and Metabolic Research, 2003, 35, 178-182.	1.5	54
27	Serum adiponectin levels in adults with Prader-Willi syndrome are independent of anthropometrical parameters and do not change with GH treatment. European Journal of Endocrinology, 2004, 151, 457-461.	3.7	49
28	Reduced bone mineral density and increased bone turnover in prader-willi syndrome compared with controls matched for sex and body mass indexâ€"a cross-sectional study. Journal of Pediatrics, 2004, 144, 614-619.	1.8	49
29	Acute exercise increases adipose tissue interstitial adiponectin concentration in healthy overweight and lean subjects. European Journal of Endocrinology, 2007, 157, 613-623.	3.7	48
30	Metformin, but not Thiazolidinediones, Inhibits Plasminogen Activator Inhibitor-1 Production in Human Adipose Tissuein Vitro. Hormone and Metabolic Research, 2003, 35, 18-23.	1.5	46
31	Conjugated Linoleic Acids Reduce Body Fat in Healthy Postmenopausal Women. Journal of Nutrition, 2009, 139, 1347-1352.	2.9	45
32	Impact of Physical Inactivity on Adipose Tissue Low-Grade Inflammation in First-Degree Relatives of Type 2 Diabetic Patients. Diabetes Care, 2011, 34, 2265-2272.	8.6	41
33	Cobalt-Chromium-Molybdenum Alloy Causes Metal Accumulation and Metallothionein Up-Regulation in Rat Liver and Kidney. Basic and Clinical Pharmacology and Toxicology, 2007, 101, 441-446.	2.5	40
34	Long-term weight loss decreases the nontraditional cardiovascular risk factors interleukin-18 and matrix metalloproteinaseâ€"9 in obese subjects. Metabolism: Clinical and Experimental, 2009, 58, 946-953.	3.4	38
35	Changes in Circulating BDNF in relation to Sex, Diet, and Exercise: A 12-Week Randomized Controlled Study in Overweight and Obese Participants. Journal of Obesity, 2019, 2019, 1-7.	2.7	37
36	miRNAs in human subcutaneous adipose tissue: Effects of weight loss induced by hypocaloric diet and exercise. Obesity, 2017, 25, 572-580.	3.0	36

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37	Stimulation of PAI-1 and adipokines by glucose in human adipose tissue in vitro. Biochemical and Biophysical Research Communications, 2003, 310, 878-883.	2.1	30
38	Pro- and mature IGF-II during diet-induced weight loss in obese subjects. European Journal of Endocrinology, 2005, 153, 861-869.	3.7	26
39	The production and regulation of IGF and IGFBPs in human adipose tissue cultures. Growth Hormone and IGF Research, 2012, 22, 200-205.	1.1	24
40	Decreases in Renal Functional Reserve and Proximal Tubular Fluid Output in Conscious Oophorectomized Rats. Journal of the American Society of Nephrology: JASN, 2003, 14, 3102-3110.	6.1	23
41	Estrogen Reduces Pro-Inflammatory Cytokines in Rodent Adipose Tissue: StudiesIn vivoandIn vitro. Hormone and Metabolic Research, 2003, 35, 142-146.	1.5	23
42	Long-term DHEA substitution in female adrenocortical failure, body composition, muscle function, and bone metabolism: a randomized trial. European Journal of Endocrinology, 2011, 165, 293-300.	3.7	23
43	Dietary habits and adherence to dietary recommendations in patients with type 1 and type 2 diabetes compared with the general population in Denmark. Nutrition, 2019, 61, 49-55.	2.4	23
44	Effect of high milk and sugar-sweetened and non-caloric soft drink intake on insulin sensitivity after 6 months in overweight and obese adults: a randomized controlled trial. European Journal of Clinical Nutrition, 2018, 72, 358-366.	2.9	22
45	Association of Coronary Plaque With Low-Density Lipoprotein Cholesterol Levels and Rates of Cardiovascular Disease Events Among Symptomatic Adults. JAMA Network Open, 2022, 5, e2148139.	5.9	21
46	Adiponectin, interleukin-6, monocyte chemoattractant protein-1, and regional fat mass during 12-month randomized treatment with metformin and/or oral contraceptives in polycystic ovary syndrome. Journal of Endocrinological Investigation, 2014, 37, 757-764.	3.3	19
47	Sulfatide increases adiponectin and decreases TNF-Î±, IL-6, and IL-8 in human adipose tissue in vitro. Molecular and Cellular Endocrinology, 2007, 263, 142-148.	3.2	17
48	Ethanol exerts anti-inflammatory effects in human adipose tissue in vitro. Molecular and Cellular Endocrinology, 2008, 296, 26-31.	3.2	17
49	The Impact of Lifestyle, Diet and Physical Activity on Epigenetic Changes in the Offspringâ€"A Systematic Review. Nutrients, 2021, 13, 2821.	4.1	17
50	Obesity augments the disease burden in COVIDâ€19: Updated data from an umbrella review. Clinical Obesity, 2022, 12, e12508.	2.0	17
51	Increased lipolysis but diminished gene expression of lipases in subcutaneous adipose tissue of healthy young males with intrauterine growth retardation. Journal of Applied Physiology, 2011, 111, 1863-1870.	2.5	14
52	Uric Acid Is Elevated in Children With Obesity and Decreases After Weight Loss. Frontiers in Pediatrics, 2021, 9, 814166.	1.9	14
53	Upregulation of Adipose 11â€Î²â€Hydroxysteroid Dehydrogenase Type 1 Expression in Ovariectomized Rats Is due to Obesity Rather Than Lack of Estrogen. Obesity, 2008, 16, 731-735.	3.0	13
54	Comments on the 2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases. European Heart Journal, 2020, 41, 328-328.	2.2	12

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55	Hydroxyapatite Coatings Did not Increase TGF-Î² and BMP-2 Secretion in Murine J774A.1 Macrophages, but Induced a Pro-inflammatory Cytokine Response. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 455-465.	3.5	10
56	Mortality and readmission risk can be predicted by the record-based Multidimensional Prognostic Index: a cohort study of medical inpatients older than 75Âyears. European Geriatric Medicine, 2021, 12, 253-261.	2.8	10
57	Systemic Administration of Epidermal Growth Factor Increases UCP3 mRNA Levels in Skeletal Muscle and Adipose Tissue in Rats. Biochemical and Biophysical Research Communications, 2000, 279, 914-919.	2.1	9
58	A reliable and record-based frailty assessment method for older medical inpatients. European Geriatric Medicine, 2020, 11, 803-812.	2.8	7
59	Effects of a new early municipality-based versus a geriatric team-based transitional care intervention on readmission and mortality among frail older patients â€“ a randomised controlled trial. Archives of Gerontology and Geriatrics, 2021, 97, 104511.	3.0	7
60	Immunomodulatory and immunosuppressive therapies in cardiovascular disease and type 2 diabetes mellitus: A bedside-to-bench approach. European Journal of Pharmacology, 2022, 925, 174998.	3.5	5
61	Effects of Growth Hormone Treatment beyond the Body Fat Changes in GH-deficient Adults. The Korean Journal of Obesity, 2013, 22, 56.	0.2	2
62	Association between lipid fractions and age of first myocardial infarction. Scandinavian Cardiovascular Journal, 2020, 54, 346-351.	1.2	0
63	Upregulation of Adipose 11-Î²-Hydroxysteroid Dehydrogenase Type 1 Expression in Ovariectomized Rats Is due to Obesity Rather Than Lack of Estrogen. Obesity, 0, , .	3.0	0