

# Jens Meldgaard Bruun

## List of Publications by Year in descending order

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63  
papers

5,091  
citations

117453

34  
h-index

118652

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. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E527-E533.	1.8	638
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.	1.8	476
3	Diet and exercise reduce low-grade inflammation and macrophage infiltration in adipose tissue but not in skeletal muscle in severely obese subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E961-E967.	1.8	360
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.	1.6	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. <i>European Journal of Endocrinology</i> , 2003, 148, 535-542.	1.9	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. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E824-E831.	1.8	199
7	Higher production of IL-8 in visceral vs. subcutaneous adipose tissue. Implication of nonadipose cells in adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E8-E13.	1.8	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. <i>European Journal of Endocrinology</i> , 2008, 158, 179-187.	1.9	173
9	Regulation of Interleukin 8 Production and Gene Expression in Human Adipose Tissue in Vitro <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1267-1273.	1.8	146
10	Adiponectin Receptors in Human Adipose Tissue: Effects of Obesity, Weight Loss, and Fat Depots. <i>Obesity</i> , 2006, 14, 28-35.	1.5	137
11	Demonstration of estrogen receptor subtypes $\hat{1}\alpha$ and $\hat{1}\beta$ in human adipose tissue: influences of adipose cell differentiation and fat depot localization. <i>Molecular and Cellular Endocrinology</i> , 2001, 182, 27-37.	1.6	131
12	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.	1.8	128
13	Interleukin-18 in plasma and adipose tissue: effects of obesity, insulin resistance, and weight loss. <i>European Journal of Endocrinology</i> , 2007, 157, 465-471.	1.9	127
14	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.	1.6	119
15	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.	1.0	113
16	Novel Associations Between Bioavailable Estradiol and Adipokines in Elderly Women With Different Phenotypes of Obesity. <i>Circulation</i> , 2004, 110, 2246-2252.	1.6	96
17	Weight Loss Maintenance in Severely Obese Adults after an Intensive Lifestyle Intervention: 2- to 4-Year Follow-Up. <i>Obesity</i> , 2007, 15, 413-420.	1.5	96
18	COVID-19 and obesity. <i>Clinical Obesity</i> , 2020, 10, e12365.	1.1	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 911-919.	1.8	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. <i>Journal of Nutrition</i> , 2008, 138, 1445-1451.	1.3	82
21	Plasma monocyte chemoattractant protein-1 (MCP-1) and macrophage inflammatory protein-1 $\alpha$ are increased in patients with polycystic ovary syndrome (PCOS) and associated with adiposity, but unaffected by pioglitazone treatment. <i>Clinical Endocrinology</i> , 2009, 71, 652-658.	1.2	66
22	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.	1.2	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. <i>European Journal of Endocrinology</i> , 2009, 160, 759-767.	1.9	58
24	Beta-1 and Not Beta-3 Adrenergic Receptors May Be the Primary Regulator of Human Brown Adipocyte Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e994-e1005.	1.8	58
25	Opposite Regulation of Interleukin-8 and Tumor Necrosis Factor- $\alpha$ by Weight Loss. <i>Obesity</i> , 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. <i>Hormone and Metabolic Research</i> , 2003, 35, 178-182.	0.7	54
27	Serum adiponectin levels in adults with Prader-Willi syndrome are independent of anthropometrical parameters and do not change with GH treatment. <i>European Journal of Endocrinology</i> , 2004, 151, 457-461.	1.9	49
28	Reduced bone mineral density and increased bone turnover in prader-willi syndrome compared with controls matched for sex and body mass index—a cross-sectional study. <i>Journal of Pediatrics</i> , 2004, 144, 614-619.	0.9	49
29	Acute exercise increases adipose tissue interstitial adiponectin concentration in healthy overweight and lean subjects. <i>European Journal of Endocrinology</i> , 2007, 157, 613-623.	1.9	48
30	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.	0.7	46
31	Conjugated Linoleic Acids Reduce Body Fat in Healthy Postmenopausal Women. <i>Journal of Nutrition</i> , 2009, 139, 1347-1352.	1.3	45
32	Impact of Physical Inactivity on Adipose Tissue Low-Grade Inflammation in First-Degree Relatives of Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2011, 34, 2265-2272.	4.3	41
33	Cobalt-Chromium-Molybdenum Alloy Causes Metal Accumulation and Metallothionein Up-Regulation in Rat Liver and Kidney. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 101, 441-446.	1.2	40
34	Long-term weight loss decreases the nontraditional cardiovascular risk factors interleukin-18 and matrix metalloproteinase-9 in obese subjects. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 946-953.	1.5	38
35	Changes in Circulating BDNF in relation to Sex, Diet, and Exercise: A 12-Week Randomized Controlled Study in Overweight and Obese Participants. <i>Journal of Obesity</i> , 2019, 2019, 1-7.	1.1	37
36	miRNAs in human subcutaneous adipose tissue: Effects of weight loss induced by hypocaloric diet and exercise. <i>Obesity</i> , 2017, 25, 572-580.	1.5	36

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37	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.	1.0	30
38	Pro- and mature IGF-II during diet-induced weight loss in obese subjects. <i>European Journal of Endocrinology</i> , 2005, 153, 861-869.	1.9	26
39	The production and regulation of IGF and IGF-BPs in human adipose tissue cultures. <i>Growth Hormone and IGF Research</i> , 2012, 22, 200-205.	0.5	24
40	Decreases in Renal Functional Reserve and Proximal Tubular Fluid Output in Conscious Oophorectomized Rats: Normalization with Sex Hormone Substitution. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 3102-3110.	3.0	23
41	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.	0.7	23
42	Long-term DHEA substitution in female adrenocortical failure, body composition, muscle function, and bone metabolism: a randomized trial. <i>European Journal of Endocrinology</i> , 2011, 165, 293-300.	1.9	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. <i>Nutrition</i> , 2019, 61, 49-55.	1.1	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. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 358-366.	1.3	22
45	Association of Coronary Plaque With Low-Density Lipoprotein Cholesterol Levels and Rates of Cardiovascular Disease Events Among Symptomatic Adults. <i>JAMA Network Open</i> , 2022, 5, e2148139.	2.8	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. <i>Journal of Endocrinological Investigation</i> , 2014, 37, 757-764.	1.8	19
47	Sulfatide increases adiponectin and decreases TNF- $\alpha$ , IL-6, and IL-8 in human adipose tissue in vitro. <i>Molecular and Cellular Endocrinology</i> , 2007, 263, 142-148.	1.6	17
48	Ethanol exerts anti-inflammatory effects in human adipose tissue in vitro. <i>Molecular and Cellular Endocrinology</i> , 2008, 296, 26-31.	1.6	17
49	The Impact of Lifestyle, Diet and Physical Activity on Epigenetic Changes in the Offspring – A Systematic Review. <i>Nutrients</i> , 2021, 13, 2821.	1.7	17
50	Obesity augments the disease burden in COVID-19: Updated data from an umbrella review. <i>Clinical Obesity</i> , 2022, 12, e12508.	1.1	17
51	Increased lipolysis but diminished gene expression of lipases in subcutaneous adipose tissue of healthy young males with intrauterine growth retardation. <i>Journal of Applied Physiology</i> , 2011, 111, 1863-1870.	1.2	14
52	Uric Acid Is Elevated in Children With Obesity and Decreases After Weight Loss. <i>Frontiers in Pediatrics</i> , 2021, 9, 814166.	0.9	14
53	Upregulation of Adipose 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 Expression in Ovariectomized Rats Is due to Obesity Rather Than Lack of Estrogen. <i>Obesity</i> , 2008, 16, 731-735.	1.5	13
54	Comments on the 2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases. <i>European Heart Journal</i> , 2020, 41, 328-328.	1.0	12

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55	Hydroxyapatite Coatings Did not Increase TGF- $\beta$ 2 and BMP-2 Secretion in Murine J774A.1 Macrophages, but Induced a Pro-inflammatory Cytokine Response. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 455-465.	1.9	10
56	Mortality and readmission risk can be predicted by the record-based Multidimensional Prognostic Index: a cohort study of medical inpatients older than 75Åyears. <i>European Geriatric Medicine</i> , 2021, 12, 253-261.	1.2	10
57	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.	1.0	9
58	A reliable and record-based frailty assessment method for older medical inpatients. <i>European Geriatric Medicine</i> , 2020, 11, 803-812.	1.2	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€œ a randomised controlled trial. <i>Archives of Gerontology and Geriatrics</i> , 2021, 97, 104511.	1.4	7
60	Immunomodulatory and immunosuppressive therapies in cardiovascular disease and type 2 diabetes mellitus: A bedside-to-bench approach. <i>European Journal of Pharmacology</i> , 2022, 925, 174998.	1.7	5
61	Effects of Growth Hormone Treatment beyond the Body Fat Changes in GH-deficient Adults. <i>The Korean Journal of Obesity</i> , 2013, 22, 56.	0.2	2
62	Association between lipid fractions and age of first myocardial infarction. <i>Scandinavian Cardiovascular Journal</i> , 2020, 54, 346-351.	0.4	0
63	Upregulation of Adipose 11- $\beta$ -Hydroxysteroid Dehydrogenase Type 1 Expression in Ovariectomized Rats Is due to Obesity Rather Than Lack of Estrogen. <i>Obesity</i> , 0, , .	1.5	0