Jaswinder K Sethi

List of Publications by Year
in descending order

60 papers	6,417 citations	94269 37 h-index	143772 57 g-index
61 all docs	61 docs citations	61 times ranked	10025 citing authors

#	Article	IF	Citations
1	TNFâ€Î± and adipocyte biology. FEBS Letters, 2008, 582, 117-131.	1.3	624
2	Adipogenesis and WNT signalling. Trends in Endocrinology and Metabolism, 2009, 20, 16-24.	3.1	491
3	Thematic review series: Adipocyte Biology. Adipose tissue function and plasticity orchestrate nutritional adaptation. Journal of Lipid Research, 2007, 48, 1253-1262.	2.0	445
4	The role of TNFÎ± in adipocyte metabolism. Seminars in Cell and Developmental Biology, 1999, 10, 19-29.	2.3	370
5	Differential Lipid Partitioning Between Adipocytes and Tissue Macrophages Modulates Macrophage Lipotoxicity and M2/M1 Polarization in Obese Mice. Diabetes, 2011, 60, 797-809.	0.3	297
6	Pharmacological Inhibition of Glucosylceramide Synthase Enhances Insulin Sensitivity. Diabetes, 2007, 56, 1341-1349.	0.3	280
7	Visfatin: the missing link between intra-abdominal obesity and diabetes?. Trends in Molecular Medicine, 2005, 11, 344-347.	3.5	238
8	IGF-Binding Protein-2 Protects Against the Development of Obesity and Insulin Resistance. Diabetes, 2007, 56, 285-294.	0.3	231
9	Tumour necrosis factor-Î± inhibits adipogenesis via a Î²-catenin/TCF4(TCF7L2)-dependent pathway. Cell Death and Differentiation, 2007, 14, 1361-1373.	5.0	196
10	Wnt signalling and the control of cellular metabolism. Biochemical Journal, 2010, 427, 1-17.	1.7	196
11	Nitric Oxide-induced Mobilization of Intracellular Calcium via the Cyclic ADP-ribose Signaling Pathway. Journal of Biological Chemistry, 1996, 271, 3699-3705.	1.6	192
12	Characterization of the human, mouse and rat PGC1beta (peroxisome-proliferator-activated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	1.7	185
13	The Link Between Nutritional Status and Insulin Sensitivity Is Dependent on the Adipocyte-Specific Peroxisome Proliferator-Activated Receptor-Â2 Isoform. Diabetes, 2005, 54, 1706-1716.	0.3	157
14	Metabolic Messengers: tumour necrosis factor. Nature Metabolism, 2021, 3, 1302-1312.	5.1	155
15	11Î²-Hydroxysteroid Dehydrogenase Type 1 Regulates Glucocorticoid-Induced Insulin Resistance in Skeletal Muscle. Diabetes, 2009, 58, 2506-2515.	0.3	146
16	Â-Adrenergic Regulation of IL-6 Release from Adipose Tissue: In Vivo and in Vitro Studies. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5864-5869.	1.8	139
17	The Wnt antagonist Dickkopf-1 and its receptors are coordinately regulated during early human adipogenesis. Journal of Cell Science, 2006, 119, 2613-2620.	1.2	138
18	Activation of Î²â€catenin signalling by GSKâ€3 inhibition increases pâ€glycoprotein expression in brain endothelial cells. Journal of Neurochemistry, 2008, 106, 1855-1865.	2.1	134

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19	Transmembrane Tumor Necrosis Factor (TNF)-Î± Inhibits Adipocyte Differentiation by Selectively Activating TNF Receptor 1. Journal of Biological Chemistry, 1999, 274, 26287-26295.	1.6	130
20	WNT10B mutations in human obesity. Diabetologia, 2006, 49, 678-684.	2.9	127
21	Synbiotics Alter Fecal Microbiomes, But Not Liver Fat or Fibrosis, in a Randomized Trial of Patients With Nonalcoholic Fatty Liver Disease. Gastroenterology, 2020, 158, 1597-1610.e7.	0.6	123
22	Increasing Circulating IGFBP1 Levels Improves Insulin Sensitivity, Promotes Nitric Oxide Production, Lowers Blood Pressure, and Protects Against Atherosclerosis. Diabetes, 2012, 61, 915-924.	0.3	96
23	Extracellular nicotinamide phosphoribosyltransferase, a new cancer metabokine. British Journal of Pharmacology, 2016, 173, 2182-2194.	2.7	92
24	Nicotinamide inhibits cyclic ADP-ribose-mediated calcium signalling in sea urchin eggs. Biochemical Journal, 1996, 319, 613-617.	1.7	88
25	Dact1, a Nutritionally Regulated Preadipocyte Gene, Controls Adipogenesis by Coordinating the Wnt/Î²-Catenin Signaling Network. Diabetes, 2009, 58, 609-619.	0.3	84
26	Secreted frizzled-related protein 1 regulates adipose tissue expansion and is dysregulated in severe obesity. International Journal of Obesity, 2010, 34, 1695-1705.	1.6	78
27	Adaptive Changes of the Insig1/SREBP1/SCD1 Set Point Help Adipose Tissue to Cope With Increased Storage Demands of Obesity. Diabetes, 2013, 62, 3697-3708.	0.3	76
28	ETO/MTG8 Is an Inhibitor of C/EBPÎ² Activity and a Regulator of Early Adipogenesis. Molecular and Cellular Biology, 2004, 24, 9863-9872.	1.1	75
29	The Peroxisome Proliferator-activated Receptor-Î³ Regulates Murine Pyruvate Carboxylase Gene Expression in Vivo and in Vitro. Journal of Biological Chemistry, 2005, 280, 27466-27476.	1.6	74
30	7-Deaza-8-bromo-cyclic ADP-ribose, the First Membrane-permeant, Hydrolysis-resistant Cyclic ADP-ribose Antagonist. Journal of Biological Chemistry, 1997, 272, 16358-16363.	1.6	73
31	Characterisation of receptor-specific TNFÎ± functions in adipocyte cell lines lacking type 1 and 2 TNF receptors. FEBS Letters, 2000, 469, 77-82.	1.3	67
32	Roles for Adenosine Ribose Hydroxyl Groups in Cyclic Adenosine 5â€˜-Diphosphate Ribose-Mediated Ca2+ Release. Biochemistry, 1997, 36, 9509-9517.	1.2	56
33	7-Deaza cyclic adenosine 5â€²-diphosphate ribose: first example of a Ca2+-mobilizing partial agonist related to cyclic adenosine 5â€²-diphosphate ribose. Chemistry and Biology, 1997, 4, 51-61.	6.2	49
34	Regulation of Insulin Receptor Substrate 1 Pleckstrin Homology Domain by Protein Kinase C: Role of Serine 24 Phosphorylation. Molecular Endocrinology, 2006, 20, 1838-1852.	3.7	49
35	A New Role for Lipocalin Prostaglandin D Synthase in the Regulation of Brown Adipose Tissue Substrate Utilization. Diabetes, 2012, 61, 3139-3147.	0.3	48
36	Role of the POZ Zinc Finger Transcription Factor FBI-1 in Human and Murine Adipogenesis. Journal of Biological Chemistry, 2004, 279, 11711-11718.	1.6	46

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37	Signalling activity of beta-catenin targeted to different subcellular compartments. Biochemical Journal, 2004, 379, 471-477.	1.7	40
38	Is PBEF/visfatin/Nampt an authentic adipokine relevant to the metabolic syndrome?. Current Hypertension Reports, 2007, 9, 33-38.	1.5	39
39	Effect of paracetamol on mitochondrial membrane function in rat liver slices. Biochemical Pharmacology, 1991, 42, 931-936.	2.0	33
40	Hematopoietic IKBKE limits the chronicity of inflammasome priming and metaflammation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 506-511.	3.3	30
41	Immunometabolic Links between Estrogen, Adipose Tissue and Female Reproductive Metabolism. Biology, 2019, 8, 8.	1.3	24
42	Palmitoleic acid reduces high fat diet-induced liver inflammation by promoting PPAR-Î³-independent M2a polarization of myeloid cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158776.	1.2	23
43	Activatin' Human Adipose Progenitors in Obesity. Diabetes, 2010, 59, 2354-2357.	0.3	21
44	Synthesis of 7-deaza-8-bromo cyclic adenosine 5â€²-diphosphate ribose: the first hydrolysis resistant antagonist at the cADPR receptor. Chemical Communications, 1997, , 695-696.	2.2	20
45	Lipocalin Prostaglandin D Synthase and PPARÎ³2 Coordinate to Regulate Carbohydrate and Lipid Metabolism In Vivo. PLoS ONE, 2012, 7, e39512.	1.1	19
46	The Immunometabolic Roles of Various Fatty Acids in Macrophages and Lymphocytes. International Journal of Molecular Sciences, 2021, 22, 8460.	1.8	19
47	Targeting Fat to Prevent Diabetes. Cell Metabolism, 2007, 5, 323-325.	7.2	17
48	Non-alcoholic fatty liver disease: a multi-system disease influenced by ageing and sex, and affected by adipose tissue and intestinal function. Proceedings of the Nutrition Society, 2022, 81, 146-161.	0.4	17
49	Endocytosis in the placenta: An undervalued mediator of placental transfer. Placenta, 2021, 113, 67-73.	0.7	14
50	Growth differentiation factor-15 and the association between type 2 diabetes and liver fibrosis in NAFLD. Nutrition and Diabetes, 2021, 11, 32.	1.5	13
51	Wnt signalling at the crossroads of nutritional regulation. Biochemical Journal, 2008, 416, e11-e13.	1.7	12
52	Inflammation-linked adaptations in dermal microvascular reactivity accompany the development of obesity and type 2 diabetes. International Journal of Obesity, 2019, 43, 556-566.	1.6	11
53	Effect of dietary fat on the in vitro hepatotoxicity of paracetamol. Biochemical Pharmacology, 1992, 44, 1303-1306.	2.0	7
54	LEM-PCR: a method for determining relative transcript isoform proportions using real-time PCR without a standard curve. Genome, 2010, 53, 637-642.	0.9	7

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55	Go-6976 Reverses Hyperglycemia-Induced Insulin Resistance Independently of cPKC Inhibition in Adipocytes. PLoS ONE, 2014, 9, e108963.	1.1	3
56	The Role of the Cullin-5 E3 Ubiquitin Ligase in the Regulation of Insulin Receptor Substrate-1. Biochemistry Research International, 2012, 2012, 1-8.	1.5	2
57	IGF binding protein 1 protects against obesity induced insulin resistance at a whole body level and in the vascular wall. Atherosclerosis, 2007, 193, S2.	0.4	0
58	Women in Metabolism: Part 3. Cell Metabolism, 2015, 22, 949-953.	7.2	0
59	Nutritional Targeting of Cancer Cell Metabolism in Obesity. Journal of Nutrition, 2018, 148, 1207-1208.	1.3	0
60	Adipose Tissue Development, Structure and Function. , 2011, , 53-68.		0