# Jaswinder K Sethi

List of Publications by Year
in descending order



| 60 | 6,417 | 94433 | 144013 |
|---|---|---|---|
| papers | citations | 37 h-index | 57 g-index |

| 61 | 61 | 61 | 10025 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | TNFâ€Î± and adipocyte biology. FEBS Letters, 2008, 582, 117-131. | 2.8 | 624 |
| 2 | Adipogenesis and WNT signalling. Trends in Endocrinology and Metabolism, 2009, 20, 16-24. | 7.1 | 491 |
| 3 | Thematic review series: Adipocyte Biology. Adipose tissue function and plasticity orchestrate nutritional adaptation. Journal of Lipid Research, 2007, 48, 1253-1262. | 4.2 | 445 |
| 4 | The role of TNFÎ± in adipocyte metabolism. Seminars in Cell and Developmental Biology, 1999, 10, 19-29. | 5.0 | 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. | 0.6 | 297 |
| 6 | Pharmacological Inhibition of Glucosylceramide Synthase Enhances Insulin Sensitivity. Diabetes, 2007, 56, 1341-1349. | 0.6 | 280 |
| 7 | Visfatin: the missing link between intra-abdominal obesity and diabetes?. Trends in Molecular Medicine, 2005, 11, 344-347. | 6.7 | 238 |
| 8 | IGF-Binding Protein-2 Protects Against the Development of Obesity and Insulin Resistance. Diabetes, 2007, 56, 285-294. | 0.6 | 231 |
| 9 | Tumour necrosis factor-Î± inhibits adipogenesis via a Î²-catenin/TCF4(TCF7L2)-dependent pathway. Cell Death and Differentiation, 2007, 14, 1361-1373. | 11.2 | 196 |
| 10 | Wnt signalling and the control of cellular metabolism. Biochemical Journal, 2010, 427, 1-17. | 3.7 | 196 |
| 11 | Nitric Oxide-induced Mobilization of Intracellular Calcium via the Cyclic ADP-ribose Signaling Pathway. Journal of Biological Chemistry, 1996, 271, 3699-3705. | 3.4 | 192 |
| 12 | Characterization of the human, mouse and rat PGC1beta (peroxisome-proliferator-activated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T | 3.7 | 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. | 0.6 | 157 |
| 14 | Metabolic Messengers: tumour necrosis factor. Nature Metabolism, 2021, 3, 1302-1312. | 11.9 | 155 |
| 15 | 11Î²-Hydroxysteroid Dehydrogenase Type 1 Regulates Glucocorticoid-Induced Insulin Resistance in Skeletal Muscle. Diabetes, 2009, 58, 2506-2515. | 0.6 | 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. | 3.6 | 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. | 2.0 | 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. | 3.9 | 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. | 3.4 | 130 |
| 20 | WNT10B mutations in human obesity. Diabetologia, 2006, 49, 678-684. | 6.3 | 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. | 1.3 | 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. | 0.6 | 96 |
| 23 | Extracellular nicotinamide phosphoribosyltransferase, a new cancer metabokine. British Journal of Pharmacology, 2016, 173, 2182-2194. | 5.4 | 92 |
| 24 | Nicotinamide inhibits cyclic ADP-ribose-mediated calcium signalling in sea urchin eggs. Biochemical Journal, 1996, 319, 613-617. | 3.7 | 88 |
| 25 | Dact1, a Nutritionally Regulated Preadipocyte Gene, Controls Adipogenesis by Coordinating the Wnt/Î²-Catenin Signaling Network. Diabetes, 2009, 58, 609-619. | 0.6 | 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. | 3.4 | 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. | 0.6 | 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. | 2.3 | 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. | 3.4 | 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. | 3.4 | 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. | 2.8 | 67 |
| 32 | Roles for Adenosine Ribose Hydroxyl Groups in Cyclic Adenosine 5â€˜-Diphosphate Ribose-Mediated Ca2+ Release. Biochemistry, 1997, 36, 9509-9517. | 2.5 | 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. | 6.0 | 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. | 0.6 | 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. | 3.4 | 46 |

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|---|---|---|---|
| 37 | Signalling activity of beta-catenin targeted to different subcellular compartments. Biochemical Journal, 2004, 379, 471-477. | 3.7 | 40 |
| 38 | Is PBEF/visfatin/Nampt an authentic adipokine relevant to the metabolic syndrome?. Current Hypertension Reports, 2007, 9, 33-38. | 3.5 | 39 |
| 39 | Effect of paracetamol on mitochondrial membrane function in rat liver slices. Biochemical Pharmacology, 1991, 42, 931-936. | 4.4 | 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. | 7.1 | 30 |
| 41 | Immunometabolic Links between Estrogen, Adipose Tissue and Female Reproductive Metabolism. Biology, 2019, 8, 8. | 2.8 | 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. | 2.4 | 23 |
| 43 | Activatin' Human Adipose Progenitors in Obesity. Diabetes, 2010, 59, 2354-2357. | 0.6 | 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. | 4.1 | 20 |
| 45 | Lipocalin Prostaglandin D Synthase and PPARÎ³2 Coordinate to Regulate Carbohydrate and Lipid Metabolism In Vivo. PLoS ONE, 2012, 7, e39512. | 2.5 | 19 |
| 46 | The Immunometabolic Roles of Various Fatty Acids in Macrophages and Lymphocytes. International Journal of Molecular Sciences, 2021, 22, 8460. | 4.1 | 19 |
| 47 | Targeting Fat to Prevent Diabetes. Cell Metabolism, 2007, 5, 323-325. | 16.2 | 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. | 1.0 | 17 |
| 49 | Endocytosis in the placenta: An undervalued mediator of placental transfer. Placenta, 2021, 113, 67-73. | 1.5 | 14 |
| 50 | Growth differentiation factor-15 and the association between type 2 diabetes and liver fibrosis in NAFLD. Nutrition and Diabetes, 2021, 11, 32. | 3.2 | 13 |
| 51 | Wnt signalling at the crossroads of nutritional regulation. Biochemical Journal, 2008, 416, e11-e13. | 3.7 | 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. | 3.4 | 11 |
| 53 | Effect of dietary fat on the in vitro hepatotoxicity of paracetamol. Biochemical Pharmacology, 1992, 44, 1303-1306. | 4.4 | 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. | 2.0 | 7 |

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|---|---|---|---|
| 55 | Go-6976 Reverses Hyperglycemia-Induced Insulin Resistance Independently of cPKC Inhibition in Adipocytes. PLoS ONE, 2014, 9, e108963. | 2.5 | 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. | 3.3 | 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. | 0.8 | 0 |
| 58 | Women in Metabolism: Part 3. Cell Metabolism, 2015, 22, 949-953. | 16.2 | 0 |
| 59 | Nutritional Targeting of Cancer Cell Metabolism in Obesity. Journal of Nutrition, 2018, 148, 1207-1208. | 2.9 | 0 |
| 60 | Adipose Tissue Development, Structure and Function. , 2011, , 53-68. | | 0 |