

Sofianos Andrikopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,857
citations

201385

27
h-index

174990

52
g-index

67
all docs

67
docs citations

67
times ranked

5701
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Role of the adaptive immune system in diabetic kidney disease. <i>Journal of Diabetes Investigation</i> , 2022, 13, 213-226. | 1.1 | 21 |
| 2 | Exploring HbA1c variation between Australian diabetes centres: The impact of centre-level and patient-level factors. <i>PLoS ONE</i> , 2022, 17, e0263511. | 1.1 | 2 |
| 3 | Making the most of audit and feedback to improve diabetes care: a qualitative study of the perspectives of Australian Diabetes Centres. <i>BMC Health Services Research</i> , 2022, 22, 255. | 0.9 | 1 |
| 4 | Glycaemia and utilisation of technology across the lifespan of adults with type 1 diabetes: Results of the Australian National Diabetes Audit (ANDA). <i>Diabetes Research and Clinical Practice</i> , 2021, 171, 108609. | 1.1 | 9 |
| 5 | What Gets Measured Gets Improved—Setting Standards and Accreditation for Quality Improvement for Diabetes Services in Australia. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 193229682110099. | 1.3 | 1 |
| 6 | Utilisation, access and recommendations regarding technologies for people living with type 1 diabetes: consensus statement of the ADS/ADEA/APEG/ADIPS Working Group. <i>Medical Journal of Australia</i> , 2021, 215, 473-478. | 0.8 | 10 |
| 7 | Women's distinct diabetes self-management behaviours demand gender-specific diabetes research: improving chronic disease management and addressing clinical governance issues. <i>Journal of Primary Health Care</i> , 2021, 13, 308. | 0.2 | 3 |
| 8 | Restriction of essential amino acids dictates the systemic metabolic response to dietary protein dilution. <i>Nature Communications</i> , 2020, 11, 2894. | 5.8 | 71 |
| 9 | E2f8 and Dlg2 genes have independent effects on impaired insulin secretion associated with hyperglycaemia. <i>Diabetologia</i> , 2020, 63, 1333-1348. | 2.9 | 14 |
| 10 | Impaired exercise performance is independent of inflammation and cellular stress following genetic reduction or deletion of selenoprotein S. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R981-R996. | 0.9 | 7 |
| 11 | Four weeks of exercise early in life reprograms adult skeletal muscle insulin resistance caused by a paternal high-fat diet. <i>Journal of Physiology</i> , 2019, 597, 121-136. | 1.3 | 16 |
| 12 | The androgen receptor in bone marrow progenitor cells negatively regulates fat mass. <i>Journal of Endocrinology</i> , 2018, 237, 15-27. | 1.2 | 5 |
| 13 | Ferroportin Expression in Adipocytes Does Not Contribute to Iron Homeostasis or Metabolic Responses to a High Calorie Diet. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 319-331. | 2.3 | 14 |
| 14 | Depression and diabetes distress in adults with type 2 diabetes: results from the Australian National Diabetes Audit (ANDA) 2016. <i>Scientific Reports</i> , 2018, 8, 7846. | 1.6 | 80 |
| 15 | Burden of cardiovascular risk factors and disease among patients with type 1 diabetes: results of the Australian National Diabetes Audit (ANDA). <i>Cardiovascular Diabetology</i> , 2018, 17, 77. | 2.7 | 25 |
| 16 | Risk-adjustment of diabetes health outcomes improves the accuracy of performance benchmarking. <i>Scientific Reports</i> , 2018, 8, 10261. | 1.6 | 7 |
| 17 | Deficiency of selenoprotein S, an endoplasmic reticulum resident oxidoreductase, impairs the contractile function of fast-twitch hindlimb muscles. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R380-R396. | 0.9 | 17 |
| 18 | Probing the correlation between insulin activity and structural stability through introduction of the rigid A6-A11 bond. <i>Journal of Biological Chemistry</i> , 2018, 293, 11928-11943. | 1.6 | 8 |

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|----|---|-----|-----------|
| 19 | Insulin regulates POMC neuronal plasticity to control glucose metabolism. <i>ELife</i> , 2018, 7, . | 2.8 | 85 |
| 20 | Dapagliflozin improves insulin resistance and glucose intolerance in a novel transgenic rat model of chronic glucose overproduction and glucose toxicity. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1135-1146. | 2.2 | 30 |
| 21 | High fat feeding unmasks variable insulin responses in male C57BL/6 mouse substrains. <i>Journal of Endocrinology</i> , 2017, 233, 53-64. | 1.2 | 37 |
| 22 | Narrow-leafed lupin (<i>Lupinus angustifolius</i> L.) lectin proteins modulate the insulin signaling pathway as potential type 2 diabetes treatment and inflammatory-related disease amelioration. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600819. | 1.5 | 34 |
| 23 | Diabetic ketoacidosis in acromegaly; a rare complication precipitated by corticosteroid use. <i>Diabetes Research and Clinical Practice</i> , 2017, 134, 29-37. | 1.1 | 6 |
| 24 | Insulin in motion: The A6-A11 disulfide bond allosterically modulates structural transitions required for insulin activity. <i>Scientific Reports</i> , 2017, 7, 17239. | 1.6 | 35 |
| 25 | A Reduction in Selenoprotein S Amplifies the Inflammatory Profile of Fast-Twitch Skeletal Muscle in the <i>mdx</i> Dystrophic Mouse. <i>Mediators of Inflammation</i> , 2017, 2017, 1-12. | 1.4 | 16 |
| 26 | Metabolomic analysis of insulin resistance across different mouse strains and diets. <i>Journal of Biological Chemistry</i> , 2017, 292, 19135-19145. | 1.6 | 36 |
| 27 | The Paleo diet and diabetes. <i>Medical Journal of Australia</i> , 2016, 205, 151-152. | 0.8 | 8 |
| 28 | Hepatocyte glutathione peroxidase-1 deficiency improves hepatic glucose metabolism and decreases steatohepatitis in mice. <i>Diabetologia</i> , 2016, 59, 2632-2644. | 2.9 | 32 |
| 29 | Chewing the fat for better insulin secretion. <i>Molecular Metabolism</i> , 2016, 5, 3-4. | 3.0 | 2 |
| 30 | Impaired glucose metabolism and exercise capacity with muscle-specific glycogen synthase 1 (<i>gys1</i>) deletion in adult mice. <i>Molecular Metabolism</i> , 2016, 5, 221-232. | 3.0 | 45 |
| 31 | Identification of <i>ABCC8</i> as a contributory gene to impaired early-phase insulin secretion in NZO mice. <i>Journal of Endocrinology</i> , 2016, 228, 61-73. | 1.2 | 15 |
| 32 | Ubiquitous expression of the <i>Pik3ca</i> ^{H1047R} mutation promotes hypoglycemia, hypoinsulinemia, and organomegaly. <i>FASEB Journal</i> , 2015, 29, 1426-1434. | 0.2 | 24 |
| 33 | Contribution of the hypothalamus and gut to weight gain susceptibility and resistance in mice. <i>Journal of Endocrinology</i> , 2015, 225, 191-204. | 1.2 | 7 |
| 34 | The Proliferative Gene Cyclin D1 and Gluconeogenesis--Could Suppressing Glucose Production Also Promote Cancer?. <i>Diabetes</i> , 2014, 63, 3177-3179. | 0.3 | 0 |
| 35 | High-Fat-Fed Obese Glutathione Peroxidase 1-Deficient Mice Exhibit Defective Insulin Secretion but Protection from Hepatic Steatosis and Liver Damage. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2114-2129. | 2.5 | 58 |
| 36 | Hepatic Oxidative Stress Promotes Insulin-STAT-5 Signaling and Obesity by Inactivating Protein Tyrosine Phosphatase N2. <i>Cell Metabolism</i> , 2014, 20, 85-102. | 7.2 | 83 |

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|----|---|------|-----------|
| 37 | Hope and fear for new classes of type 2 diabetes drugs: is there preclinical evidence that incretin-based therapies alter pancreatic morphology?. <i>Journal of Endocrinology</i> , 2014, 221, T43-T61. | 1.2 | 20 |
| 38 | Systemic VEGF-A Neutralization Ameliorates Diet-Induced Metabolic Dysfunction. <i>Diabetes</i> , 2014, 63, 2656-2667. | 0.3 | 29 |
| 39 | Neprilysin Deficiency Protects Against Fat-Induced Insulin Secretory Dysfunction by Maintaining Calcium Influx. <i>Diabetes</i> , 2013, 62, 1593-1601. | 0.3 | 19 |
| 40 | Exercise-induced muscle glucose uptake in mice with graded, muscle-specific GLUT-4 deletion. <i>Physiological Reports</i> , 2013, 1, e00065. | 0.7 | 19 |
| 41 | Normal muscle glucose uptake in mice deficient in muscle GLUT4. <i>Journal of Endocrinology</i> , 2012, 214, 313-327. | 1.2 | 22 |
| 42 | The Role of Liver Fructose-1,6-Bisphosphatase in Regulating Appetite and Adiposity. <i>Diabetes</i> , 2012, 61, 1122-1132. | 0.3 | 41 |
| 43 | Targeting VEGF-B as a novel treatment for insulin resistance and type 2 diabetes. <i>Nature</i> , 2012, 490, 426-430. | 13.7 | 239 |
| 44 | Advanced Glycation End Products Are Direct Modulators of β -Cell Function. <i>Diabetes</i> , 2011, 60, 2523-2532. | 0.3 | 135 |
| 45 | Deficiency in Interferon- β Results in Reduced Body Weight and Better Glucose Tolerance in Mice. <i>Endocrinology</i> , 2011, 152, 3690-3699. | 1.4 | 65 |
| 46 | A primary defect in glucose production alone cannot induce glucose intolerance without defects in insulin secretion. <i>Journal of Endocrinology</i> , 2011, 210, 335-347. | 1.2 | 14 |
| 47 | Methods for Enhancing Ring Closing Metathesis Yield in Peptides: Synthesis of a Dicarba Human Growth Hormone Fragment. <i>International Journal of Peptide Research and Therapeutics</i> , 2010, 16, 133-144. | 0.9 | 18 |
| 48 | The Deletion Variant of Nicotinamide Nucleotide Transhydrogenase (Nnt) Does Not Affect Insulin Secretion or Glucose Tolerance. <i>Endocrinology</i> , 2010, 151, 96-102. | 1.4 | 56 |
| 49 | Evaluating the glucose tolerance test in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1323-E1332. | 1.8 | 635 |
| 50 | Fructose-1,6-Bisphosphatase Overexpression in Pancreatic β -Cells Results in Reduced Insulin Secretion. <i>Diabetes</i> , 2008, 57, 1887-1895. | 0.3 | 52 |
| 51 | Increased glucose production in mice overexpressing human fructose-1,6-bisphosphatase in the liver. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1132-E1141. | 1.8 | 28 |
| 52 | In vivo quantification of fat content in mice using the Hologic QDR 4500A densitometer. <i>Obesity Research and Clinical Practice</i> , 2007, 1, 69-77. | 0.8 | 3 |
| 53 | Expression of Human Fructose-1,6-Bisphosphatase in the Liver of Transgenic Mice Results in Increased Glycerol Gluconeogenesis. <i>Endocrinology</i> , 2006, 147, 2764-2772. | 1.4 | 36 |
| 54 | Ciliary Neurotrophic Factor Suppresses Hypothalamic AMP-Kinase Signaling in Leptin-Resistant Obese Mice. <i>Endocrinology</i> , 2006, 147, 3906-3914. | 1.4 | 92 |

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|----|--|-----|-----------|
| 55 | High glucose-induced impairment in insulin secretion is associated with reduction in islet glucokinase in a mouse model of susceptibility to islet dysfunction. <i>Journal of Molecular Endocrinology</i> , 2005, 35, 39-48. | 1.1 | 35 |
| 56 | Differential effect of inbred mouse strain (C57BL/6, DBA/2, 129T2) on insulin secretory function in response to a high fat diet. <i>Journal of Endocrinology</i> , 2005, 187, 45-53. | 1.2 | 119 |
| 57 | Investigational agents that protect pancreatic islet β -cells from failure. <i>Expert Opinion on Investigational Drugs</i> , 2005, 14, 1241-1250. | 1.9 | 7 |
| 58 | Metabolic Adaptations of Three Inbred Strains of Mice (C57BL/6, DBA/2, and 129T2) in Response to a High-Fat Diet. <i>Journal of Nutrition</i> , 2004, 134, 3264-3269. | 1.3 | 75 |
| 59 | Elevated SNAP-25 is associated with fatty acid-induced impairment of mouse islet function. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 472-477. | 1.0 | 17 |
| 60 | Molecular Mechanisms of Increased Glucose Production: Identifying Potential Therapeutic Targets. <i>Journal of Investigative Medicine</i> , 2004, 52, 389. | 0.7 | 6 |
| 61 | Comparison of Insulin Secretory Function in Two Mouse Models with Different Susceptibility to β -Cell Failure. <i>Endocrinology</i> , 2002, 143, 2085-2092. | 1.4 | 75 |
| 62 | The hexosamine biosynthesis pathway regulates insulin secretion via protein glycosylation in mouse islets. <i>Archives of Biochemistry and Biophysics</i> , 2002, 405, 275-279. | 1.4 | 35 |
| 63 | Mechanism of fat-induced hepatic gluconeogenesis: effect of metformin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E275-E282. | 1.8 | 93 |
| 64 | Understanding the pathogenesis of type 2 diabetes: can we get off the metabolic merry-go-rounds?. <i>Australian and New Zealand Journal of Medicine</i> , 1995, 25, 870-875. | 0.5 | 6 |