

Orison O Woolcott

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,081
citations

361045

20
h-index

414034

32
g-index

50
all docs

50
docs citations

50
times ranked

1557
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Relative fat mass (RFM) as a new estimator of whole-body fat percentage – A cross-sectional study in American adult individuals. <i>Scientific Reports</i> , 2018, 8, 10980. | 1.6 | 162 |
| 2 | Inverse association between diabetes and altitude: A cross-sectional study in the adult population of the United States. <i>Obesity</i> , 2014, 22, 2080-2090. | 1.5 | 89 |
| 3 | Glucose Homeostasis During Short-term and Prolonged Exposure to High Altitudes. <i>Endocrine Reviews</i> , 2015, 36, 149-173. | 8.9 | 84 |
| 4 | Inverse association between altitude and obesity: A prevalence study among andean and low-altitude adult individuals of Peru. <i>Obesity</i> , 2016, 24, 929-937. | 1.5 | 61 |
| 5 | Hepatic insulin clearance is the primary determinant of insulin sensitivity in the normal dog. <i>Obesity</i> , 2014, 22, 1238-1245. | 1.5 | 51 |
| 6 | Mortality Attributed to COVID-19 in High-Altitude Populations. <i>High Altitude Medicine and Biology</i> , 2020, 21, 409-416. | 0.5 | 48 |
| 7 | Improvement of myocardial perfusion in coronary patients after intermittent hypobaric hypoxia. <i>Journal of Nuclear Cardiology</i> , 2006, 13, 69-74. | 1.4 | 46 |
| 8 | Residents at High Altitude Show a Lower Glucose Profile Than Sea-Level Residents Throughout 12-Hour Blood Continuous Monitoring. <i>High Altitude Medicine and Biology</i> , 2007, 8, 307-311. | 0.5 | 39 |
| 9 | Defining cutoffs to diagnose obesity using the relative fat mass (RFM): Association with mortality in NHANES 1999–2014. <i>International Journal of Obesity</i> , 2020, 44, 1301-1310. | 1.6 | 35 |
| 10 | Ryanodine receptor-operated activation of TRP-like channels can trigger critical Ca ²⁺ signaling events in pancreatic β -cells. <i>FASEB Journal</i> , 2005, 19, 1-23. | 0.2 | 32 |
| 11 | Serum Leptin Levels in Dwellers from High Altitude Lands. <i>High Altitude Medicine and Biology</i> , 2002, 3, 245-246. | 0.5 | 31 |
| 12 | Large Size Cells in the Visceral Adipose Depot Predict Insulin Resistance in the Canine Model. <i>Obesity</i> , 2011, 19, 2121-2129. | 1.5 | 30 |
| 13 | Relative Fat Mass as an estimator of whole-body fat percentage among children and adolescents: A cross-sectional study using NHANES. <i>Scientific Reports</i> , 2019, 9, 15279. | 1.6 | 30 |
| 14 | Consistency of the Disposition Index in the Face of Diet Induced Insulin Resistance: Potential Role of FFA. <i>PLoS ONE</i> , 2011, 6, e18134. | 1.1 | 29 |
| 15 | Re-visiting the Endocannabinoid System and Its Therapeutic Potential in Obesity and Associated Diseases. <i>Current Diabetes Reports</i> , 2017, 17, 99. | 1.7 | 29 |
| 16 | The effect of age on the association between diabetes and mortality in adult patients with COVID-19 in Mexico. <i>Scientific Reports</i> , 2021, 11, 8386. | 1.6 | 28 |
| 17 | Rimonabant prevents additional accumulation of visceral and subcutaneous fat during high-fat feeding in dogs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1311-E1318. | 1.8 | 26 |
| 18 | Arachidonic acid is a physiological activator of the ryanodine receptor in pancreatic β -cells. <i>Cell Calcium</i> , 2006, 39, 529-537. | 1.1 | 25 |

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|----|---|-----|-----------|
| 19 | Variability of Directly Measured First-Pass Hepatic Insulin Extraction and Its Association With Insulin Sensitivity and Plasma Insulin. <i>Diabetes</i> , 2018, 67, 1495-1503. | 0.3 | 23 |
| 20 | CB1R antagonist increases hepatic insulin clearance in fat-fed dogs likely via upregulation of liver adiponectin receptors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E747-E758. | 1.8 | 22 |
| 21 | CB ₁ antagonist restores hepatic insulin sensitivity without normalization of adiposity in diet-induced obese dogs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1261-E1268. | 1.8 | 20 |
| 22 | Effective endothelial cell and human pluripotent stem cell interactions generate functional insulin-producing beta cells. <i>Diabetologia</i> , 2016, 59, 2378-2386. | 2.9 | 18 |
| 23 | Renal Denervation Reverses Hepatic Insulin Resistance Induced by High-Fat Diet. <i>Diabetes</i> , 2016, 65, 3453-3463. | 0.3 | 17 |
| 24 | Sudden cardiac arrest with shockable rhythm in patients with heart failure. <i>Heart Rhythm</i> , 2020, 17, 1672-1678. | 0.3 | 17 |
| 25 | Simplified Method to Isolate Highly Pure Canine Pancreatic Islets. <i>Pancreas</i> , 2012, 41, 31-38. | 0.5 | 15 |
| 26 | Hepatic portal vein denervation impairs oral glucose tolerance but not exenatide's effect on glycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E644-E652. | 1.8 | 12 |
| 27 | A Peripheral CB1R Antagonist Increases Lipolysis, Oxygen Consumption Rate, and Markers of Beiging in 3T3-L1 Adipocytes Similar to RIM, Suggesting that Central Effects Can Be Avoided. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6639. | 1.8 | 11 |
| 28 | Assessment of hepatic insulin extraction from in vivo surrogate methods of insulin clearance measurement. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E605-E612. | 1.8 | 9 |
| 29 | Essentiality of Portal Vein Receptors in Hypoglycemic Counterregulation: Direct Proof Via Denervation in Male Canines. <i>Endocrinology</i> , 2014, 155, 1247-1254. | 1.4 | 7 |
| 30 | Increase in visceral fat <i>per se</i> does not induce insulin resistance in the canine model. <i>Obesity</i> , 2015, 23, 105-111. | 1.5 | 7 |
| 31 | Activation of NPRs and UCP1-independent pathway following CB1R antagonist treatment is associated with adipose tissue beiging in fat-fed male dogs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E535-E547. | 1.8 | 7 |
| 32 | High-Fat Diet-Induced Insulin Resistance Does Not Increase Plasma Anandamide Levels or Potentiate Anandamide Insulinotropic Effect in Isolated Canine Islets. <i>PLoS ONE</i> , 2015, 10, e0123558. | 1.1 | 5 |
| 33 | The Lake Louise Acute Mountain Sickness Score: Still a Headache. <i>High Altitude Medicine and Biology</i> , 2021, 22, 351-352. | 0.5 | 4 |
| 34 | Exenatide Treatment Alone Improves Î²-Cell Function in a Canine Model of Pre-Diabetes. <i>PLoS ONE</i> , 2016, 11, e0158703. | 1.1 | 3 |
| 35 | Letter to the Editor From Woolcott and Castilla-Bancay: "Diabetes Increases Severe COVID-19 Outcomes Primarily in Younger Adults: Age and Diabetes in COVID-19 Severity". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e5273-e5274. | 1.8 | 1 |
| 36 | Detección de Chlamydia pneumoniae en lesiones ateroescleróticas asociadas a infarto miocárdico agudo. <i>Anales De La Facultad De Medicina</i> , 2014, 62, 325. | 0.0 | 1 |

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|----|---|-----|-----------|
| 37 | Obesidad en la altura. Anales De La Facultad De Medicina, 2017, 78, 81. | 0.0 | 1 |
| 38 | On the paper by E. R. Muslikhov, I. F. Sukhanova, and P. V. Avdonin entitled "Arachidonic acid activates release of calcium ions from reticulum via ryanodine receptor channels in C2C12 skeletal myotubes" published in Biochemistry (Moscow), Vol. 79, No. 5, pp. 435-439 (2014). Biochemistry (Moscow), 2014, 79, 845-846. | 0.7 | 0 |
| 39 | Response to Zubieta-Calleja et al., Re: "Mortality Attributed to COVID-19 in High-Altitude Populations" High Altitude Medicine and Biology, 2021, 22, 109-109. | 0.5 | 0 |
| 40 | Cannabinoid receptor antagonist rimonabant prevents weight gain in dogs on a high fat diet. FASEB Journal, 2007, 21, A694. | 0.2 | 0 |
| 41 | Respuesta del sistema antioxidante en varones sanos, frente a hiperglicemia aguda inducida. Anales De La Facultad De Medicina, 2012, 70, 186. | 0.0 | 0 |
| 42 | Chlamydia pneumoniae y aterosclerosis: Mecanismos patogénicos. Anales De La Facultad De Medicina, 2013, 63, 201. | 0.0 | 0 |
| 43 | Metabolic Clearance Rate of Insulin Is Not Saturable within the Physiological Range. Diabetes, 2018, 67, 1828-P. | 0.3 | 0 |
| 44 | Evidence of CB1-Receptor Antagonism in Fat-Fed Dogs Promoting Beiging of Adipose Tissue Mainly via Activation of Sarco/Endoplasmic Reticulum Ca ²⁺ ATPase 2b and Ryanodine Receptor 2. Diabetes, 2018, 67, 2010-P. | 0.3 | 0 |
| 45 | 1761-P: Brain-Restricted CB1-Receptor Antagonists Increase Oxygen Consumption Rate and Promote Beiging in 3T3-L1 Adipocytes Similar to Rimonabant Suggesting that Central Effects Can Be Avoided. Diabetes, 2019, 68, 1761-P. | 0.3 | 0 |