

Tiago Rodrigues

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

595
citations

623734

14
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

992
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Methylglyoxal in Metabolic Disorders: Facts, Myths, and Promises. <i>Medicinal Research Reviews</i> , 2017, 37, 368-403. | 10.5 | 67 |
| 2 | The Force at the Tip - Modelling Tension and Proliferation in Sprouting Angiogenesis. <i>PLoS Computational Biology</i> , 2015, 11, e1004436. | 3.2 | 52 |
| 3 | Methylglyoxal causes structural and functional alterations in adipose tissue independently of obesity. <i>Archives of Physiology and Biochemistry</i> , 2012, 118, 58-68. | 2.1 | 45 |
| 4 | Functional abolition of carotid body activity restores insulin action and glucose homeostasis in rats: key roles for visceral adipose tissue and the liver. <i>Diabetologia</i> , 2017, 60, 158-168. | 6.3 | 45 |
| 5 | Methylglyoxal-induced glycation changes adipose tissue vascular architecture, flow and expansion, leading to insulin resistance. <i>Scientific Reports</i> , 2017, 7, 1698. | 3.3 | 41 |
| 6 | Insulin resistance is associated with tissue-specific regulation of HIF-1 α and HIF-2 α during mild chronic intermittent hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2016, 228, 30-38. | 1.6 | 35 |
| 7 | Reduction of Methylglyoxal-Induced Glycation by Pyridoxamine Improves Adipose Tissue Microvascular Lesions. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-9. | 2.3 | 27 |
| 8 | A2 Adenosine Receptors Mediate Whole-Body Insulin Sensitivity in a Prediabetes Animal Model: Primary Effects on Skeletal Muscle. <i>Frontiers in Endocrinology</i> , 2020, 11, 262. | 3.5 | 26 |
| 9 | Adiponectin and sporadic Alzheimer's disease: Clinical and molecular links. <i>Frontiers in Neuroendocrinology</i> , 2019, 52, 1-11. | 5.2 | 25 |
| 10 | Methylglyoxal further impairs adipose tissue metabolism after partial decrease of blood supply. <i>Archives of Physiology and Biochemistry</i> , 2013, 119, 209-218. | 2.1 | 21 |
| 11 | Pyridoxamine Reverts Methylglyoxal-Induced Impairment of Survival Pathways During Heart Ischemia. <i>Cardiovascular Therapeutics</i> , 2013, 31, e79-85. | 2.5 | 20 |
| 12 | Evaluating the Impact of Different Hypercaloric Diets on Weight Gain, Insulin Resistance, Glucose Intolerance, and its Comorbidities in Rats. <i>Nutrients</i> , 2019, 11, 1197. | 4.1 | 20 |
| 13 | GLP-1 improves adipose tissue glyoxalase activity and capillarization improving insulin sensitivity in type 2 diabetes. <i>Pharmacological Research</i> , 2020, 161, 105198. | 7.1 | 20 |
| 14 | Association between Adipokines and Biomarkers of Alzheimer's Disease: A Cross-Sectional Study. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 725-735. | 2.6 | 18 |
| 15 | High-fat diet induces a neurometabolic state characterized by changes in glutamate and N-acetylaspartate pools associated with early glucose intolerance: An in vivo multimodal MRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 757-766. | 3.4 | 15 |
| 16 | Influence of nonsteroidal anti-inflammatory drugs on calcium efflux in isolated rat renal cortex mitochondria and aspects of the mechanisms involved. <i>International Journal of Biochemistry and Cell Biology</i> , 1998, 30, 961-965. | 2.8 | 14 |
| 17 | Long-term globular adiponectin administration improves adipose tissue dysmetabolism in high-fat diet-fed Wistar rats. <i>Archives of Physiology and Biochemistry</i> , 2014, 120, 147-157. | 2.1 | 14 |
| 18 | Plasma activated media and direct exposition can selectively ablate retinoblastoma cells. <i>Free Radical Biology and Medicine</i> , 2021, 171, 302-313. | 2.9 | 14 |

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|----|---|-----|-----------|
| 19 | Glycation and Hypoxia: Two Key Factors for Adipose Tissue Dysfunction. <i>Current Medicinal Chemistry</i> , 2015, 22, 2417-2437. | 2.4 | 14 |
| 20 | Surface-PASylation of ferritin to form stealth nanovehicles enhances in vivo therapeutic performance of encapsulated ellipticine. <i>Applied Materials Today</i> , 2020, 18, 100501. | 4.3 | 13 |
| 21 | Dietary Glycotoxins Impair Hepatic Lipidemic Profile in Diet-Induced Obese Rats Causing Hepatic Oxidative Stress and Insulin Resistance. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14. | 4.0 | 10 |
| 22 | Effect of Sleeve Gastrectomy on Angiogenesis and Adipose Tissue Health in an Obese Animal Model of Type 2 Diabetes. <i>Obesity Surgery</i> , 2019, 29, 2942-2951. | 2.1 | 10 |
| 23 | A vascular piece in the puzzle of adipose tissue dysfunction: mechanisms and consequences. <i>Archives of Physiology and Biochemistry</i> , 2014, 120, 1-11. | 2.1 | 9 |
| 24 | Natural product drug conjugates for modulation of TRPV1-expressing tumors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2531-2536. | 3.0 | 8 |
| 25 | Kinetics of radium-223 and its effects on survival, proliferation and DNA damage in lymph-node and bone metastatic prostate cancer cell lines. <i>International Journal of Radiation Biology</i> , 2021, 97, 714-726. | 1.8 | 4 |
| 26 | Oxymestane, a cytostatic steroid derivative of exemestane with greater antitumor activity in non-estrogen-dependent cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 212, 105950. | 2.5 | 4 |
| 27 | Evaluation of linker length effects on a BET bromodomain probe. <i>Chemical Communications</i> , 2019, 55, 10128-10131. | 4.1 | 2 |
| 28 | A rat model of enhanced glycation mimics cardiac phenotypic components of human type 2 diabetes : A translational study using MRI. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107554. | 2.3 | 1 |
| 29 | Rapidly Progressive Coronary Aneurysm. <i>JACC: Case Reports</i> , 2022, 4, 538-542. | 0.6 | 1 |
| 30 | Wine and juice and oral cavity morphometric evaluation experimental study (54.1). <i>FASEB Journal</i> , 2014, 28, . | 0.5 | 0 |