

Roberto Bizzotto

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

860
citations

686830

13
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

1686
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Shift to Fatty Substrate Utilization in Response to Sodium-Glucose Cotransporter 2 Inhibition in Subjects Without Diabetes and Patients With Type 2 Diabetes. <i>Diabetes</i> , 2016, 65, 1190-1195. | 0.3 | 498 |
| 2 | Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study. <i>Cell Reports Medicine</i> , 2022, 3, 100477. | 3.3 | 39 |
| 3 | Pharmacometrics Markup Language (PharmML): Opening New Perspectives for Model Exchange in Drug Development. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2015, 4, 316-319. | 1.3 | 37 |
| 4 | Incretin and Islet Hormone Responses to Meals of Increasing Size in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 561-568. | 1.8 | 29 |
| 5 | Mixed meal ingestion diminishes glucose excursion in comparison with glucose ingestion via several adaptive mechanisms in people with and without type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2016, 18, 24-33. | 2.2 | 29 |
| 6 | Mathematical Modeling for the Physiological and Clinical Investigation of Glucose Homeostasis and Diabetes. <i>Frontiers in Physiology</i> , 2020, 11, 575789. | 1.3 | 25 |
| 7 | Multinomial logistic estimation of Markov-chain models for modeling sleep architecture in primary insomnia patients. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2010, 37, 137-155. | 0.8 | 23 |
| 8 | Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. <i>Journal of Hepatology</i> , 2019, 71, 594-602. | 1.8 | 23 |
| 9 | Inhibition of sweet chemosensory receptors alters insulin responses during glucose ingestion in healthy adults: a randomized crossover interventional study. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1001-1009. | 2.2 | 21 |
| 10 | Effect of single-dose DPP-4 inhibitor sitagliptin on β -cell function and incretin hormone secretion after meal ingestion in healthy volunteers and drug-naïve, well-controlled type 2 diabetes subjects. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1080-1085. | 2.2 | 16 |
| 11 | New Insights on the Interactions Between Insulin Clearance and the Main Glucose Homeostasis Mechanisms. <i>Diabetes Care</i> , 2021, 44, 2115-2123. | 4.3 | 16 |
| 12 | Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021, 44, 511-518. | 4.3 | 16 |
| 13 | Model Description Language (MDL): A Standard for Modeling and Simulation. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2017, 6, 647-650. | 1.3 | 15 |
| 14 | Increased insulin clearance in mice with double deletion of glucagon-like peptide-1 and glucose-dependent insulinotropic polypeptide receptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R639-R646. | 0.9 | 12 |
| 15 | Adaptation of β -Cell and Endothelial Function to Carbohydrate Loading: Influence of Insulin Resistance. <i>Diabetes</i> , 2015, 64, 2550-2559. | 0.3 | 10 |
| 16 | Multinomial Logistic Functions in Markov Chain Models of Sleep Architecture: Internal and External Validation and Covariate Analysis. <i>AAPS Journal</i> , 2011, 13, 445-463. | 2.2 | 9 |
| 17 | GLP-1 response to sequential mixed meals: influence of insulin resistance. <i>Clinical Science</i> , 2017, 131, 2901-2910. | 1.8 | 9 |
| 18 | Glucose uptake saturation explains glucose kinetics profiles measured by different tests. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E346-E357. | 1.8 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Lipid-induced glucose intolerance is driven by impaired glucose kinetics and insulin metabolism in healthy individuals. <i>Metabolism: Clinical and Experimental</i> , 2022, 134, 155247. | 1.5 | 7 |
| 20 | PharmML in Action: an Interoperable Language for Modeling and Simulation. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2017, 6, 651-665. | 1.3 | 6 |
| 21 | A pharmacokinetic model optimized by covariates for propofol target-controlled infusion in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2019, 46, 568-578. | 0.3 | 5 |
| 22 | Analysis of variability in length of sleep state bouts reveals memory-free sleep subcomponents consistent among primary insomnia patients. <i>Journal of Neurophysiology</i> , 2018, 119, 1836-1851. | 0.9 | 3 |
| 23 | Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020, 58, 102932. | 2.7 | 3 |
| 24 | Sleeping oxygen saturation, rapid eye movement sleep, and the adaptation of postprandial metabolic function in insulin sensitive and resistant individuals without diabetes. <i>Physiology and Behavior</i> , 2018, 191, 123-130. | 1.0 | 1 |
| 25 | Development and optimisation of a fentanyl pharmacokinetic model for target-controlled infusion (TCI) in anaesthetised dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2022, , . | 0.3 | 1 |