

# Jacob T Mey

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

721  
citations

623188

14  
h-index

642321

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1190  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Fetuin-A: a novel link between obesity and related complications. <i>International Journal of Obesity</i> , 2015, 39, 734-741.  | 1.6 | 119       |
| 2  | Calorie Restriction and Aging in Humans. <i>Annual Review of Nutrition</i> , 2020, 40, 105-133.   | 4.3 | 102       |
| 3  | Hyperinsulinemia augments endothelin-1 protein expression and impairs vasodilation of human skeletal muscle arterioles. <i>Physiological Reports</i> , 2016, 4, e12895.   | 0.7 | 57        |
| 4  | BAM15â€mediated mitochondrial uncoupling protects against obesity and improves glycemic control. <i>EMBO Molecular Medicine</i> , 2020, 12, e12088.  | 3.3 | 51        |
| 5  | Circulating soluble RAGE isoforms are attenuated in obese, impaired-glucose-tolerant individuals and are associated with the development of type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E631-E640.   | 1.8 | 43        |
| 6  | Nox2 contributes to hyperinsulinemia-induced redox imbalance and impaired vascular function. <i>Redox Biology</i> , 2017, 13, 288-300.  | 3.9 | 42        |
| 7  | Lipids activate skeletal muscle mitochondrial fission and quality control networks to induce insulin resistance in humans. <i>Metabolism: Clinical and Experimental</i> , 2021, 121, 154803.  | 1.5 | 40        |
| 8  | Aberrant REDD1-mTORC1 responses to insulin in skeletal muscle from Type 2 diabetics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R855-R863.  | 0.9 | 34        |
| 9  | Î²-Hydroxybutyrate is reduced in humans with obesity-related NAFLD and displays a dose-dependent effect on skeletal muscle mitochondrial respiration in vitro. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E187-E195. | 1.8 | 32        |
| 10 | Dicarbonyl Stress and Glyoxalase-1 in Skeletal Muscle: Implications for Insulin Resistance and Type 2 Diabetes. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 117.   | 1.1 | 30        |
| 11 | Lipids and ketones dominate metabolism at the expense of glucose control in pulmonary arterial hypertension: a hyperglycaemic clamp and metabolomics study. <i>European Respiratory Journal</i> , 2020, 55, 1901700.  | 3.1 | 28        |
| 12 | Dicarbonyl stress and glyoxalase enzyme system regulation in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R181-R190.   | 0.9 | 27        |
| 13 | Plasma metabolomic profile in chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-11.   | 0.8 | 26        |
| 14 | Exercise Training Impacts Skeletal Muscle Clock Machinery in Prediabetes. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2078-2085.   | 0.2 | 15        |
| 15 | Insulin resistance persists despite a metabolically healthy obesity phenotype. <i>Obesity</i> , 2022, 30, 39-44.  | 1.5 | 14        |
| 16 | Skeletal muscle Nur77 and NOR1 insulin responsiveness is blunted in obesity and type 2 diabetes but improved after exercise training. <i>Physiological Reports</i> , 2019, 7, e14042.   | 0.7 | 13        |
| 17 | Behavioral Characteristics and Self-Reported Health Status among 2029 Adults Consuming a â€œCarnivore Dietâ€. <i>Current Developments in Nutrition</i> , 2021, 5, nzab133.   | 0.1 | 11        |
| 18 | Plasma metabolomic profile in chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 2045894019890553.   | 0.8 | 11        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The Crossroads of Aging. Topics in Geriatric Rehabilitation, 2019, 35, 79-87.   | 0.2 | 10        |
| 20 | Exercise reduces the protein abundance of TXNIP and its interacting partner REDD1 in skeletal muscle: potential role for a PKA-mediated mechanism. Journal of Applied Physiology, 2022, 132, 357-366. | 1.2 | 7         |
| 21 | A Whole-Grain Diet Increases Whole-Body Protein Balance Compared with a Macronutrient-Matched Refined-Grain Diet. Current Developments in Nutrition, 2021, 5, nzab121.                                | 0.1 | 4         |
| 22 | Resting Energy Expenditure Is Elevated in Asthma. Nutrients, 2021, 13, 1065.  | 1.7 | 3         |
| 23 | The breath print represents a novel biomarker of malnutrition in pulmonary arterial hypertension: a proof-of-concept study. Journal of Parenteral and Enteral Nutrition, 2021, 45, 1645-1652.         | 1.3 | 2         |
| 24 | Reply to R Kirwan et al.. Current Developments in Nutrition, 2022, 6, nzac038.  | 0.1 | 0         |