

# Thomas A Buchanan

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

2,449  
citations

430874

18  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3999  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traitsâ€”The Hispanic/Latino Anthropometry Consortium. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100099.   | 1.7  | 3         |
| 2  | Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.   | 21.4 | 250       |
| 3  | Hispanic ethnicity as a moderator of the effects of aerobic and resistance exercise on physical fitness and quality-of-life in breast cancer survivors. <i>Journal of Cancer Survivorship</i> , 2021, 15, 127-139.   | 2.9  | 15        |
| 4  | Aerobic and resistance exercise improve patient-reported sleep quality and is associated with cardiometabolic biomarkers in Hispanic and non-Hispanic breast cancer survivors who are overweight or obese: results from a secondary analysis. <i>Sleep</i> , 2021, 44, . | 1.1  | 14        |
| 5  | Using Patient-Generated Health Data From Twitter to Identify, Engage, and Recruit Cancer Survivors in Clinical Trials in Los Angeles County: Evaluation of a Feasibility Study. <i>JMIR Formative Research</i> , 2021, 5, e29958.  | 1.4  | 2         |
| 6  | Precision and accuracy of hyperglycemic clamps in a multicenter study. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E797-E807.  | 3.5  | 4         |
| 7  | Liver Fat Reduction After Gastric Banding and Associations with Changes in Insulin Sensitivity and Î²â€”Cell Function. <i>Obesity</i> , 2021, 29, 1155-1163.   | 3.0  | 2         |
| 8  | The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.   | 21.4 | 341       |
| 9  | Hyperglucagonemia Does Not Explain the Î²-Cell Hyperresponsiveness and Insulin Resistance in Dysglycemic Youth Compared With Adults: Lessons From the RISE Study. <i>Diabetes Care</i> , 2021, 44, 1961-1969.  | 8.6  | 9         |
| 10 | Genome-wide association study of body fat distribution traits in Hispanics/Latinos from the HCHS/SOL. <i>Human Molecular Genetics</i> , 2021, 30, 2190-2204.   | 2.9  | 8         |
| 11 | Classification of Type 2 Diabetes Genetic Variants and a Novel Genetic Risk Score Association With Insulin Clearance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1251-1260.  | 3.6  | 15        |
| 12 | Withdrawal of medications leads to worsening of <sc>OGTT</sc> parameters in youth with impaired glucose tolerance or <sc>recentlyâ€”diagnosed</sc> type 2 diabetes. <i>Pediatric Diabetes</i> , 2020, 21, 1437-1446.   | 2.9  | 7         |
| 13 | Î²â€”cells in youth with impaired glucose tolerance or early type 2 diabetes secrete more insulin and are more responsive than in adults. <i>Pediatric Diabetes</i> , 2020, 21, 1421-1429.   | 2.9  | 13        |
| 14 | Aerobic and Resistance Exercise Improves Shoulder Function in Women Who Are Overweight or Obese and Have Breast Cancer: A Randomized Controlled Trial. <i>Physical Therapy</i> , 2019, 99, 1334-1345.  | 2.4  | 20        |
| 15 | Children Exposed to Maternal Obesity or Gestational Diabetes Mellitus During Early Fetal Development Have Hypothalamic Alterations That Predict Future Weight Gain. <i>Diabetes Care</i> , 2019, 42, 1473-1480.  | 8.6  | 74        |
| 16 | Effect of Aerobic and Resistance Exercise Intervention on Cardiovascular Disease Risk in Women With Early-Stage Breast Cancer. <i>JAMA Oncology</i> , 2019, 5, 710.  | 7.1  | 43        |
| 17 | Adiposityâ€”Independent Effects of Aging on Insulin Sensitivity and Clearance in Mice and Humans. <i>Obesity</i> , 2019, 27, 434-443.  | 3.0  | 34        |
| 18 | Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , 2019, 10, 29.  | 12.8 | 113       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Hispanic ethnicity as a moderator of the effects of aerobic and resistance exercise in survivors of breast cancer. <i>Cancer</i> , 2019, 125, 910-920.  | 4.1  | 17        |
| 20 | Maternal Gestational Diabetes Mellitus, Type 1 Diabetes, and Type 2 Diabetes During Pregnancy and Risk of ADHD in Offspring. <i>Diabetes Care</i> , 2018, 41, 2502-2508.  | 8.6  | 93        |
| 21 | Aerobic and resistance exercise improves physical fitness, bone health, and quality of life in overweight and obese breast cancer survivors: a randomized controlled trial. <i>Breast Cancer Research</i> , 2018, 20, 124.              | 5.0  | 153       |
| 22 | Impact of Insulin and Metformin Versus Metformin Alone on $\beta$ -Cell Function in Youth With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. <i>Diabetes Care</i> , 2018, 41, 1717-1725.                            | 8.6  | 112       |
| 23 | Metabolic Contrasts Between Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes: I. Observations Using the Hyperglycemic Clamp. <i>Diabetes Care</i> , 2018, 41, 1696-1706.                          | 8.6  | 127       |
| 24 | Monitoring Twitter Conversations for Targeted Recruitment in Cancer Trials in Los Angeles County: Protocol for a Mixed-Methods Pilot Study. <i>JMIR Research Protocols</i> , 2018, 7, e177.   | 1.0  | 10        |
| 25 | A Genome-Wide Association Study of IVGTT-Based Measures of First-Phase Insulin Secretion Refines the Underlying Physiology of Type 2 Diabetes Variants. <i>Diabetes</i> , 2017, 66, 2296-2309.  | 0.6  | 102       |
| 26 | The Association of Estrogen Receptor- $\beta$ Gene Variation With Salt-Sensitive Blood Pressure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4124-4135.  | 3.6  | 32        |
| 27 | Improved Performance of Dynamic Measures of Insulin Response Over Surrogate Indices to Identify Genetic Contributors of Type 2 Diabetes: The GUARDIAN Consortium. <i>Diabetes</i> , 2016, 65, 2072-2080.                                | 0.6  | 4         |
| 28 | Genetic Variants Associated With Quantitative Glucose Homeostasis Traits Translate to Type 2 Diabetes in Mexican Americans: The GUARDIAN (Genetics Underlying Diabetes in Hispanics) Consortium. <i>Diabetes</i> , 2015, 64, 1853-1866. | 0.6  | 77        |
| 29 | Association of Maternal Diabetes With Autism in Offspring. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 1425.   | 7.4  | 274       |
| 30 | Gestational Diabetes Mellitus, Maternal Obesity, and Adiposity in Offspring. <i>Journal of Pediatrics</i> , 2014, 164, 807-810.   | 1.8  | 68        |
| 31 | High Calorie Intake Is Associated With Worsening Insulin Resistance and $\beta$ -Cell Function in Hispanic Women After Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2014, 37, 3294-3300.                                       | 8.6  | 26        |
| 32 | Preventing type 2 diabetes with low-dose combinations. <i>Lancet</i> , The, 2010, 376, 72-74.   | 13.7 | 3         |
| 33 | Pancreatic beta-cell loss and preservation in type 2 diabetes. <i>Clinical Therapeutics</i> , 2003, 25, B32-B46.  | 2.5  | 111       |
| 34 | Pancreatic B-Cell Defects in Gestational Diabetes: Implications for the Pathogenesis and Prevention of Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 989-993.                                    | 3.6  | 273       |