

Michael I Goran

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

4,521
citations

136740

32
h-index

106150

65
g-index

94
all docs

94
docs citations

94
times ranked

6175
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Obesity and Risk of Type 2 Diabetes and Cardiovascular Disease in Children and Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1417-1427. | 1.8 | 606 |
| 2 | Insulin Resistance and Associated Compensatory Responses in African-American and Hispanic Children. <i>Diabetes Care</i> , 2002, 25, 2184-2190. | 4.3 | 224 |
| 3 | Impaired Glucose Tolerance and Reduced β -Cell Function in Overweight Latino Children with a Positive Family History for Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 207-212. | 1.8 | 218 |
| 4 | Comparison of Fat ² Water MRI and Single ² Voxel MRS in the Assessment of Hepatic and Pancreatic Fat Fractions in Humans. <i>Obesity</i> , 2010, 18, 841-847. | 1.5 | 182 |
| 5 | Fructose content in popular beverages made with and without high-fructose corn syrup. <i>Nutrition</i> , 2014, 30, 928-935. | 1.1 | 176 |
| 6 | Increased hepatic fat in overweight Hispanic youth influenced by interaction between genetic variation in PNPLA3 and high dietary carbohydrate and sugar consumption. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 1522-1527. | 2.2 | 175 |
| 7 | High fructose corn syrup and diabetes prevalence: A global perspective. <i>Global Public Health</i> , 2013, 8, 55-64. | 1.0 | 170 |
| 8 | Associations between human milk oligosaccharides and infant body composition in the first 6 mo of life. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1381-1388. | 2.2 | 169 |
| 9 | Early Identification of Children Predisposed to Low Peak Bone Mass and Osteoporosis Later in Life1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 3908-3918. | 1.8 | 126 |
| 10 | Growth of Visceral Fat, Subcutaneous Abdominal Fat, and Total Body Fat in Children. <i>Obesity</i> , 2001, 9, 283-289. | 1.5 | 118 |
| 11 | Inverse relation between dietary fiber intake and visceral adiposity in overweight Latino youth. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1160-1166. | 2.2 | 115 |
| 12 | Longitudinal Associations Between Ambient Air Pollution With Insulin Sensitivity, β -Cell Function, and Adiposity in Los Angeles Latino Children. <i>Diabetes</i> , 2017, 66, 1789-1796. | 0.3 | 115 |
| 13 | Defining Health-Related Obesity in Prepubertal Children. <i>Obesity</i> , 2001, 9, 233-240. | 4.0 | 110 |
| 14 | Perfluoroalkyl substances, metabolomic profiling, and alterations in glucose homeostasis among overweight and obese Hispanic children: A proof-of-concept analysis. <i>Environment International</i> , 2019, 126, 445-453. | 4.8 | 105 |
| 15 | Effects of <i>PNPLA3</i> on Liver Fat and Metabolic Profile in Hispanic Children and Adolescents. <i>Diabetes</i> , 2010, 59, 3127-3130. | 0.3 | 100 |
| 16 | Racial Differences in Insulin Secretion and Sensitivity in Prepubertal Children: Role of Physical Fitness and Physical Activity. <i>Obesity</i> , 2000, 8, 506-515. | 4.0 | 96 |
| 17 | Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity. <i>Journal of Nutrition</i> , 2017, 147, 20-28. | 1.3 | 93 |
| 18 | Human milk oligosaccharide 2 TM -fucosyllactose links feedings at 1 month to cognitive development at 24 months in infants of normal and overweight mothers. <i>PLoS ONE</i> , 2020, 15, e0228323. | 1.1 | 85 |

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|----|--|-----|-----------|
| 19 | High intake of dietary fructose in overweight/obese teenagers associated with depletion of <i>Eubacterium</i> and <i>Streptococcus</i> in gut microbiome. <i>Gut Microbes</i> , 2019, 10, 712-719. | 4.3 | 83 |
| 20 | Exposure to traffic-related air pollution and the composition of the gut microbiota in overweight and obese adolescents. <i>Environmental Research</i> , 2018, 161, 472-478. | 3.7 | 82 |
| 21 | Persistence of Pre-Diabetes in Overweight and Obese Hispanic Children. <i>Diabetes</i> , 2008, 57, 3007-3012. | 0.3 | 81 |
| 22 | Interactive Multimedia for Promoting Physical Activity (IMPACT) in Children. <i>Obesity</i> , 2005, 13, 762-771. | 4.0 | 79 |
| 23 | The obesogenic effect of high fructose exposure during early development. <i>Nature Reviews Endocrinology</i> , 2013, 9, 494-500. | 4.3 | 75 |
| 24 | Paternal body fat is a longitudinal predictor of changes in body fat in premenarcheal girls. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 829-834. | 2.2 | 66 |
| 25 | Longitudinal Changes in Human Milk Oligosaccharides (HMOs) Over the Course of 24 Months of Lactation. <i>Journal of Nutrition</i> , 2021, 151, 876-882. | 1.3 | 59 |
| 26 | Fructose in Breast Milk Is Positively Associated with Infant Body Composition at 6 Months of Age. <i>Nutrients</i> , 2017, 9, 146. | 1.7 | 49 |
| 27 | Ethnic-specific Pathways to Obesity-related Disease: The Hispanic vs. African-American Paradox. <i>Obesity</i> , 2008, 16, 2561-2565. | 1.5 | 45 |
| 28 | Influence of Family History of Type 2 Diabetes on Insulin Sensitivity in Prepubertal Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 192-195. | 1.8 | 44 |
| 29 | Deterioration of insulin sensitivity and beta-cell function in overweight Hispanic children during pubertal transition: A longitudinal assessment. <i>Pediatric Obesity</i> , 2006, 1, 139-145. | 3.2 | 44 |
| 30 | Laboratory Determined Sugar Content and Composition of Commercial Infant Formulas, Baby Foods and Common Grocery Items Targeted to Children. <i>Nutrients</i> , 2015, 7, 5850-5867. | 1.7 | 44 |
| 31 | Association between Osteocalcin, Metabolic Syndrome, and Cardiovascular Risk Factors: Role of Total and Undercarboxylated Osteocalcin in Patients with Type 2 Diabetes. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-6. | 0.6 | 38 |
| 32 | Influence of Leptin on Changes in Body Fat during Growth in African American and White Children. <i>Obesity</i> , 2001, 9, 593-598. | 4.0 | 37 |
| 33 | Investigating bifidobacteria and human milk oligosaccharide composition of lactating mothers. <i>FEMS Microbiology Ecology</i> , 2020, 96, . | 1.3 | 33 |
| 34 | Early life gut microbiota is associated with rapid infant growth in Hispanics from Southern California. <i>Gut Microbes</i> , 2021, 13, 1961203. | 4.3 | 32 |
| 35 | Targeting Adipose Tissue Inflammation to Treat the Underlying Basis of the Metabolic Complications of Obesity. <i>Nestle Nutrition Institute Workshop Series</i> , 2012, 73, 49-60. | 1.5 | 31 |
| 36 | Fast-Food Restaurants, Park Access, and Insulin Resistance Among Hispanic Youth. <i>American Journal of Preventive Medicine</i> , 2014, 46, 378-387. | 1.6 | 30 |

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|----|---|-----|-----------|
| 37 | Perinatal Overnutrition Exacerbates Adipose Tissue Inflammation Caused by High-Fat Feeding in C57BL/6J Mice. <i>PLoS ONE</i> , 2015, 10, e0121954. | 1.1 | 28 |
| 38 | Lower omental α regulatory cell count is associated with higher fasting glucose and lower β cell function in adults with obesity. <i>Obesity</i> , 2016, 24, 1274-1282. | 1.5 | 28 |
| 39 | High-Fructose Corn-Syrup-Sweetened Beverage Intake Increases 5-Hour Breast Milk Fructose Concentrations in Lactating Women. <i>Nutrients</i> , 2018, 10, 669. | 1.7 | 28 |
| 40 | Low Prevalence of Pediatric Type 2 Diabetes: Where's the Epidemic?. <i>Journal of Pediatrics</i> , 2008, 152, 753-755. | 0.9 | 26 |
| 41 | Genetic-related and carbohydrate-related factors affecting liver fat accumulation. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 392-396. | 1.3 | 26 |
| 42 | Estimating energy requirements: regression based prediction equations or multiples of resting metabolic rate. <i>Public Health Nutrition</i> , 2005, 8, 1184-1186. | 1.1 | 24 |
| 43 | Trends in Low-Calorie Sweetener Consumption Among Pregnant Women in the United States. <i>Current Developments in Nutrition</i> , 2019, 3, nzz004. | 0.1 | 20 |
| 44 | Prenatal exposure to ambient air pollutants and early infant growth and adiposity in the Southern California Mother's Milk Study. <i>Environmental Health</i> , 2021, 20, 67. | 1.7 | 20 |
| 45 | Exposure to Perfluoroalkyl Substances and Glucose Homeostasis in Youth. <i>Environmental Health Perspectives</i> , 2021, 129, 97002. | 2.8 | 19 |
| 46 | The impact of sugar sweetened beverage intake on hunger and satiety in minority adolescents. <i>Appetite</i> , 2016, 97, 43-48. | 1.8 | 18 |
| 47 | Lactose-reduced infant formula with added corn syrup solids is associated with a distinct gut microbiota in Hispanic infants. <i>Gut Microbes</i> , 2020, 12, 1813534. | 4.3 | 18 |
| 48 | Added sugar and sugar-sweetened beverages are associated with increased postpartum weight gain and soluble fiber intake is associated with postpartum weight loss in Hispanic women from Southern California. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 519-526. | 2.2 | 18 |
| 49 | Transforming Obesity Prevention for CHILDren (TOPCHILD) Collaboration: protocol for a systematic review with individual participant data meta-analysis of behavioural interventions for the prevention of early childhood obesity. <i>BMJ Open</i> , 2022, 12, e048166. | 0.8 | 17 |
| 50 | Anti-lipolytic Effects of Insulin in African American and White Prepubertal Boys. <i>Obesity</i> , 2001, 9, 224-228. | 4.0 | 15 |
| 51 | Human Milk Oligosaccharides and Hispanic Infant Weight Gain in the First 6 Months. <i>Obesity</i> , 2020, 28, 1519-1525. | 1.5 | 15 |
| 52 | Associations between human milk oligosaccharides (α HMOs) and eating behaviour in Hispanic infants at 1 and 6 months of age. <i>Pediatric Obesity</i> , 2020, 15, e12686. | 1.4 | 15 |
| 53 | Consuming Sucrose- or HFCS-sweetened Beverages Increases Hepatic Lipid and Decreases Insulin Sensitivity in Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 3248-3264. | 1.8 | 15 |
| 54 | Maternal blood pressure mediates the association between maternal obesity and infant weight gain in early postpartum. <i>Pediatric Obesity</i> , 2019, 14, e12560. | 1.4 | 14 |

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|----|--|-----|-----------|
| 55 | Unpacking the behavioural components and delivery features of early childhood obesity prevention interventions in the TOPCHILD Collaboration: a systematic review and intervention coding protocol. <i>BMJ Open</i> , 2022, 12, e048165. | 0.8 | 14 |
| 56 | Association of breastfeeding and gestational diabetes mellitus with the prevalence of prediabetes and the metabolic syndrome in offspring of Hispanic mothers. <i>Pediatric Obesity</i> , 2019, 14, e12515. | 1.4 | 13 |
| 57 | Time-Limited Eating and Continuous Glucose Monitoring in Adolescents with Obesity: A Pilot Study. <i>Nutrients</i> , 2021, 13, 3697. | 1.7 | 13 |
| 58 | Genetic and clinical markers of elevated liver fat content in overweight and obese hispanic children. <i>Obesity</i> , 2013, 21, E790-7. | 1.5 | 12 |
| 59 | Associations of maternal fructose and sugar-sweetened beverage and juice intake during lactation with infant neurodevelopmental outcomes at 24 months. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1516-1522. | 2.2 | 11 |
| 60 | Interstitial glucose and subsequent affective and physical feeling states: A pilot study combining continuous glucose monitoring and ecological momentary assessment in adolescents. <i>Journal of Psychosomatic Research</i> , 2020, 135, 110141. | 1.2 | 10 |
| 61 | Continuous Glucose Monitoring in Adolescents With Obesity: Monitoring of Glucose Profiles, Glycemic Excursions, and Adherence to Time Restricted Eating Programs. <i>Frontiers in Endocrinology</i> , 2022, 13, 841838. | 1.5 | 10 |
| 62 | Effects of high-sugar and high-fiber meals on physical activity behaviors in Latino and African American adolescents. <i>Obesity</i> , 2015, 23, 1886-1894. | 1.5 | 9 |
| 63 | Plasma concentrations of lipophilic persistent organic pollutants and glucose homeostasis in youth populations. <i>Environmental Research</i> , 2022, 212, 113296. | 3.7 | 9 |
| 64 | Temporal relationships between adipocytokines and diabetes risk in Hispanic adolescents with obesity. <i>Obesity</i> , 2015, 23, 1479-1485. | 1.5 | 8 |
| 65 | Comparing glycemic indicators of prediabetes: a prospective study of obese Latino Youth. <i>Pediatric Diabetes</i> , 2015, 16, 640-643. | 1.2 | 8 |
| 66 | Urate and Nonanoate Mark the Relationship between Sugar-Sweetened Beverage Intake and Blood Pressure in Adolescent Girls: A Metabolomics Analysis in the ELEMENT Cohort. <i>Metabolites</i> , 2019, 9, 100. | 1.3 | 8 |
| 67 | Learning to overeat in infancy: Concurrent and prospective relationships between maternal <scp>BMI</scp>, feeding practices and child eating response among Hispanic mothers and children. <i>Pediatric Obesity</i> , 2021, 16, e12756. | 1.4 | 8 |
| 68 | PNPLA3 Genotype, Arachidonic Acid Intake, and Unsaturated Fat Intake Influences Liver Fibrosis in Hispanic Youth with Obesity. <i>Nutrients</i> , 2021, 13, 1621. | 1.7 | 8 |
| 69 | Time-Limited Eating in Pediatric Patients with Obesity-A Case Series. <i>Journal of Food Science and Nutrition Research</i> , 2020, 02, 236-244. | 0.1 | 8 |
| 70 | Clinical Intervention to Reduce Dietary Sugar Does Not Affect Liver Fat in Latino Youth, Regardless of PNPLA3 Genotype: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2022, 152, 1655-1665. | 1.3 | 8 |
| 71 | The Dose-Response Effects of Consuming High Fructose Corn Syrup-Sweetened Beverages on Hepatic Lipid Content and Insulin Sensitivity in Young Adults. <i>Nutrients</i> , 2022, 14, 1648. | 1.7 | 8 |
| 72 | Associations of maternal non-nutritive sweetener intake during pregnancy with offspring body mass index and body fat from birth to adolescence. <i>International Journal of Obesity</i> , 2021, , . | 1.6 | 7 |

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|----|--|-----|-----------|
| 73 | A Prudent dietary pattern is inversely associated with liver fat content among multiethnic youth. <i>Pediatric Obesity</i> , 2021, 16, e12758. | 1.4 | 6 |
| 74 | The Influence of Parental Education on Dietary Intake in Latino Youth. <i>Journal of Immigrant and Minority Health</i> , 2018, 20, 250-254. | 0.8 | 5 |
| 75 | In-home obesity prevention in low-income infants through maternal and social transmission. <i>Contemporary Clinical Trials</i> , 2019, 77, 61-69. | 0.8 | 5 |
| 76 | Human Milk Oligosaccharides and Infant Weight in the First 6 Months of Life (P11-053-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz048.P11-053-19. | 0.1 | 4 |
| 77 | Profile of Daughters and Sisters of Women with Polycystic Ovary Syndrome: The Role of Proband's Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, , . | 1.8 | 4 |
| 78 | Adverse Effects of Infant Formula Made with Corn-Syrup Solids on the Development of Eating Behaviors in Hispanic Children. <i>Nutrients</i> , 2022, 14, 1115. | 1.7 | 4 |
| 79 | Sugar, Sugar . . . Not So Sweet for the Liver. <i>Gastroenterology</i> , 2017, 153, 642-645. | 0.6 | 3 |
| 80 | Specific amino acids but not total protein attenuate postpartum weight gain among Hispanic women from Southern California. <i>Food Science and Nutrition</i> , 2021, 9, 1842-1850. | 1.5 | 3 |
| 81 | Association of Prenatal Sugar Consumption with Newborn Brain Tissue Organization. <i>Nutrients</i> , 2021, 13, 2435. | 1.7 | 3 |
| 82 | Risk of Micronutrient Inadequacy among Hispanic, Lactating Mothers: Preliminary Evidence from the Southern California Mother's Milk Study. <i>Nutrients</i> , 2021, 13, 3252. | 1.7 | 3 |
| 83 | Timing of food consumption in Hispanic adolescents with obesity. <i>Pediatric Obesity</i> , 2021, 16, e12764. | 1.4 | 3 |
| 84 | Rationale and design of DRINK-T1D: A randomized clinical trial of effects of low-calorie sweetener restriction in children with type 1 diabetes. <i>Contemporary Clinical Trials</i> , 2021, 106, 106431. | 0.8 | 2 |
| 85 | Maternal Consumption of Sugar-Sweetened Beverages and Juices in Lactation Predicts Poorer Infant Neurodevelopment at 24 Postnatal Months. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa054_015. | 0.1 | 1 |
| 86 | Associations of Maternal Non-Nutritive Sweetener Intake During Pregnancy with Childhood BMI Trajectory. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa054_130. | 0.1 | 1 |
| 87 | Human Milk Oligosaccharides Are Stable Over One-Week of Lactation and Over Six-Hours Following a Standardized Meal. <i>Current Developments in Nutrition</i> , 2021, 5, 719. | 0.1 | 1 |
| 88 | Development and Validation of a Prediction Model for Infant Fat Mass. <i>Journal of Pediatrics</i> , 2022, 243, 130-134.e2. | 0.9 | 1 |
| 89 | Association Between Maternal Macronutrient Intake with Human Milk Oligosaccharides in Hispanic Mothers (P11-073-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz048.P11-073-19. | 0.1 | 0 |
| 90 | Association of Prenatal Zinc Consumption With Newborn Brain Tissue Organization and Resting Cerebral Blood Flow. <i>Current Developments in Nutrition</i> , 2021, 5, 718. | 0.1 | 0 |

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|----|--|-----|-----------|
| 91 | Impact of Sugar Reduction and PNPLA3 Genotype on Liver Fat, Liver Fibrosis, and Body Composition in Hispanic Youth With Obesity: A Randomized Controlled Trial. <i>Current Developments in Nutrition</i> , 2021, 5, 451. | 0.1 | 0 |
| 92 | Ambient Air Pollution Exposure is Associated with the Infant Gut Microbiota. ISEE Conference Abstracts, 2021, 2021, . | 0.0 | 0 |
| 93 | Vegetable consumption linked to decreased hepatic fat deposition in overweight Latino youth. <i>FASEB Journal</i> , 2013, 27, 112.3. | 0.2 | 0 |