

# Thorhallur I Halldorsson

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

4,579  
citations

101384

36  
h-index

110170

64  
g-index

102  
all docs

102  
docs citations

102  
times ranked

6482  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                            | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Prenatal Exposure to Perfluorooctanoate and Risk of Overweight at 20 Years of Age: A Prospective Cohort Study. <i>Environmental Health Perspectives</i> , 2012, 120, 668-673.                                                                                      | 2.8 | 294       |
| 2  | Update: use of the benchmark dose approach in risk assessment. <i>EFSA Journal</i> , 2017, 15, e04658.                                                                                                                                                             | 0.9 | 239       |
| 3  | Guidance on the use of the weight of evidence approach in scientific assessments. <i>EFSA Journal</i> , 2017, 15, e04971.                                                                                                                                          | 0.9 | 221       |
| 4  | Guidance on Uncertainty Analysis in Scientific Assessments. <i>EFSA Journal</i> , 2018, 16, e05123.                                                                                                                                                                | 0.9 | 178       |
| 5  | Guidance on risk assessment of the application of nanoscience and nanotechnologies in the food and feed chain: Part 1, human and animal health. <i>EFSA Journal</i> , 2018, 16, e05327.                                                                            | 0.9 | 158       |
| 6  | High dietary intake of saturated fat is associated with reduced semen quality among 701 young Danish men from the general population. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 411-418.                                                           | 2.2 | 155       |
| 7  | Associations of maternal fish intake during pregnancy and breastfeeding duration with attainment of developmental milestones in early childhood: a study from the Danish National Birth Cohort. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 789-796. | 2.2 | 154       |
| 8  | Milk consumption during pregnancy is associated with increased infant size at birth: prospective cohort study. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1104-1110.                                                                                | 2.2 | 150       |
| 9  | Guidance on the use of the Threshold of Toxicological Concern approach in food safety assessment. <i>EFSA Journal</i> , 2019, 17, e05708.                                                                                                                          | 0.9 | 120       |
| 10 | The principles and methods behind EFSA's Guidance on Uncertainty Analysis in Scientific Assessment. <i>EFSA Journal</i> , 2018, 16, e05122.                                                                                                                        | 0.9 | 112       |
| 11 | Risk for animal and human health related to the presence of dioxins and dioxin-like PCBs in feed and food. <i>EFSA Journal</i> , 2018, 16, e05333.                                                                                                                 | 0.9 | 110       |
| 12 | Dietary Predictors of Perfluorinated Chemicals: A Study from the Danish National Birth Cohort. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8971-8977.                                                                                                | 4.6 | 108       |
| 13 | Intake of artificially sweetened soft drinks and risk of preterm delivery: a prospective cohort study in 59,334 Danish pregnant women. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 626-633.                                                          | 2.2 | 108       |
| 14 | Fish intake during pregnancy, fetal growth, and gestational length in 19 European birth cohort studies. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 506-516.                                                                                         | 2.2 | 98        |
| 15 | Genotoxicity assessment of chemical mixtures. <i>EFSA Journal</i> , 2019, 17, e05519.                                                                                                                                                                              | 0.9 | 95        |
| 16 | Fruit and vegetable consumption in a sample of 11-year-old children in ten European countries – the PRO GREENS cross-sectional survey. <i>Public Health Nutrition</i> , 2014, 17, 2436-2444.                                                                       | 1.1 | 88        |
| 17 | Guidance on risk assessment of nanomaterials to be applied in the food and feed chain: human and animal health. <i>EFSA Journal</i> , 2021, 19, e06768.                                                                                                            | 0.9 | 86        |
| 18 | Guidance on technical requirements for regulated food and feed product applications to establish the presence of small particles including nanoparticles. <i>EFSA Journal</i> , 2021, 19, e06769.                                                                  | 0.9 | 80        |

| #  | ARTICLE                                                                                                                                                                                                                                       | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Fish oil supplementation during pregnancy and allergic respiratory disease in the adult offspring. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 104-111.e4.                                                                 | 1.5 | 74        |
| 20 | Clarification of some aspects related to genotoxicity assessment. <i>EFSA Journal</i> , 2017, 15, e05113.                                                                                                                                     | 0.9 | 72        |
| 21 | Dietary Intake of Acrylamide and Risk of Breast, Endometrial, and Ovarian Cancers: A Systematic Review and Dose-Response Meta-analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1095-1106.                           | 1.1 | 68        |
| 22 | Maternal consumption of artificially sweetened beverages during pregnancy, and offspring growth through 7 years of age: a prospective cohort study. <i>International Journal of Epidemiology</i> , 2017, 46, 1499-1508.                       | 0.9 | 67        |
| 23 | Impact of Road Traffic Pollution on Pre-eclampsia and Pregnancy-induced Hypertensive Disorders. <i>Epidemiology</i> , 2017, 28, 99-106.                                                                                                       | 1.2 | 65        |
| 24 | Maternal diet, gestational weight gain, and inflammatory markers during pregnancy. <i>Obesity</i> , 2016, 24, 2133-2139.                                                                                                                      | 1.5 | 63        |
| 25 | Fish and long-chain n-3 polyunsaturated fatty acid intakes during pregnancy and risk of postpartum depression: a prospective study based on a large national birth cohort. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 149-155. | 2.2 | 62        |
| 26 | Consumption of Artificially-Sweetened Soft Drinks in Pregnancy and Risk of Child Asthma and Allergic Rhinitis. <i>PLoS ONE</i> , 2013, 8, e57261.                                                                                             | 1.1 | 58        |
| 27 | Maternal dietary glycaemic load during pregnancy and gestational weight gain, birth weight and postpartum weight retention: a study within the Danish National Birth Cohort. <i>British Journal of Nutrition</i> , 2013, 109, 1471-1478.      | 1.2 | 52        |
| 28 | Maternal intake of vitamins A, E and K in pregnancy and child allergic disease: a longitudinal study from the Danish National Birth Cohort. <i>British Journal of Nutrition</i> , 2014, 111, 1096-1108.                                       | 1.2 | 51        |
| 29 | Maternal Concentrations of Persistent Organochlorine Pollutants and the Risk of Asthma in Offspring: Results from a Prospective Cohort with 20 Years of Follow-up. <i>Environmental Health Perspectives</i> , 2014, 122, 93-99.               | 2.8 | 51        |
| 30 | Maternal protein intake during pregnancy and offspring overweight 20 y later. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 1139-1148.                                                                                           | 2.2 | 51        |
| 31 | Gestational diabetes mellitus and exposure to ambient air pollution and road traffic noise: A cohort study. <i>Environment International</i> , 2017, 108, 253-260.                                                                            | 4.8 | 50        |
| 32 | Intake of Sweets, Snacks and Soft Drinks Predicts Weight Gain in Obese Pregnant Women: Detailed Analysis of the Results of a Randomised Controlled Trial. <i>PLoS ONE</i> , 2015, 10, e0133041.                                               | 1.1 | 47        |
| 33 | Can postpartum pelvic floor muscle training reduce urinary and anal incontinence?. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 247.e1-247.e8.                                                                           | 0.7 | 46        |
| 34 | Dietary protein-to-carbohydrate ratio and added sugar as determinants of excessive gestational weight gain: a prospective cohort study. <i>BMJ Open</i> , 2015, 5, e005839-e005839.                                                           | 0.8 | 42        |
| 35 | Intake of carbohydrates during pregnancy in obese women is associated with fat mass in the newborn offspring. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1475-1481.                                                           | 2.2 | 42        |
| 36 | In utero exposure to persistent organochlorine pollutants and reproductive health in the human male. <i>Reproduction</i> , 2014, 148, 635-646.                                                                                                | 1.1 | 38        |

| #  | ARTICLE                                                                                                                                                                                                                                               | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Dioxin-like exposures and effects on estrogenic and androgenic exposures and micronuclei frequency in motherâ€œnewborn pairs. <i>Environment International</i> , 2010, 36, 344-351.                                                                   | 4.8 | 37        |
| 38 | Plasma Concentrations of Ferritin in Early Pregnancy Are Associated with Risk of Gestational Diabetes Mellitus in Women in the Danish National Birth Cohort. <i>Journal of Nutrition</i> , 2016, 146, 1756-1761.                                      | 1.3 | 37        |
| 39 | Examining confounding by diet in the association between perfluoroalkyl acids and serum cholesterol in pregnancy. <i>Environmental Research</i> , 2015, 143, 33-38.                                                                                   | 3.7 | 36        |
| 40 | Hip Fractures and Bone Mineral Density in the Elderlyâ€œImportance of Serum 25-Hydroxyvitamin D. <i>PLoS ONE</i> , 2014, 9, e91122.                                                                                                                   | 1.1 | 34        |
| 41 | Sociodemographic characteristics and food habits of organic consumers â€œ a study from the Danish National Birth Cohort. <i>Public Health Nutrition</i> , 2013, 16, 1810-1819.                                                                        | 1.1 | 33        |
| 42 | Lack of Association Between Maternal or Neonatal Vitamin D Status and Risk of Childhood Type 1 Diabetes: A Scandinavian Case-Cohort Study. <i>American Journal of Epidemiology</i> , 2018, 187, 1174-1181.                                            | 1.6 | 31        |
| 43 | Advancing human health risk assessment. <i>EFSA Journal</i> , 2019, 17, e170712.                                                                                                                                                                      | 0.9 | 30        |
| 44 | Maternal Dietary Patterns during Pregnancy in Relation to Offspring Forearm Fractures: Prospective Study from the Danish National Birth Cohort. <i>Nutrients</i> , 2015, 7, 2382-2400.                                                                | 1.7 | 29        |
| 45 | The long-term programming effect of maternal 25-hydroxyvitamin D in pregnancy on allergic airway disease and lung function in offspring after 20 to 25 years of follow-up. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 169-176.e2. | 1.5 | 29        |
| 46 | Association of Dietary Patterns With Testicular Function in Young Danish Men. <i>JAMA Network Open</i> , 2020, 3, e1921610.                                                                                                                           | 2.8 | 29        |
| 47 | Maternal thyroid function in pregnancy may program offspring blood pressure, but not adiposity at 20 y of age. <i>Pediatric Research</i> , 2016, 80, 7-13.                                                                                            | 1.1 | 28        |
| 48 | Fish, n-3 Fatty Acids, and Cardiovascular Diseases in Women of Reproductive Age. <i>Hypertension</i> , 2012, 59, 36-43.                                                                                                                               | 1.3 | 26        |
| 49 | Associations between Infant Feeding Practice Prior to Six Months and Body Mass Index at Six Years of Age. <i>Nutrients</i> , 2014, 6, 1608-1617.                                                                                                      | 1.7 | 26        |
| 50 | No association between the intake of marine <i>n</i> -3 PUFA during the second trimester of pregnancy and factors associated with cardiometabolic risk in the 20-year-old offspring. <i>British Journal of Nutrition</i> , 2013, 110, 2037-2046.      | 1.2 | 25        |
| 51 | Childhood overweight and obesity and the risk of depression across the lifespan. <i>BMC Pediatrics</i> , 2020, 20, 25.                                                                                                                                | 0.7 | 25        |
| 52 | Exposure to pesticides and childhood leukemia risk: A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2021, 285, 117376.                                                                                                        | 3.7 | 25        |
| 53 | Maternal dietary intakes of refined grains during pregnancy and growth through the first 7 y of life among children born to women with gestational diabetes. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 96-104.                       | 2.2 | 23        |
| 54 | Is breast feeding associated with offspring IQ at age 5? Findings from prospective cohort: Lifestyle During Pregnancy Study. <i>BMJ Open</i> , 2019, 9, e023134.                                                                                      | 0.8 | 23        |

| #  | ARTICLE                                                                                                                                                                                                                                                                          | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Sodium Intake During Pregnancy, but Not Other Diet Recommendations Aimed at Preventing Cardiovascular Disease, Is Positively Related to Risk of Hypertensive Disorders of Pregnancy. <i>Journal of Nutrition</i> , 2020, 150, 159-166.                                           | 1.3 | 23        |
| 56 | Depression and serum 25-hydroxyvitamin D in older adults living at northern latitudes – AGES-Reykjavik Study. <i>Journal of Nutritional Science</i> , 2015, 4, e37.                                                                                                              | 0.7 | 22        |
| 57 | Does eating family meals and having the television on during dinner correlate with overweight? A sub-study of the PRO GREENS project, looking at children from nine European countries. <i>Public Health Nutrition</i> , 2014, 17, 2528-2536.                                    | 1.1 | 21        |
| 58 | A systems-based approach to the environmental risk assessment of multiple stressors in honey bees. <i>EFSA Journal</i> , 2021, 19, e06607.                                                                                                                                       | 0.9 | 21        |
| 59 | Maternal protein intake in pregnancy and offspring metabolic health at age 9–16 y: results from a Danish cohort of gestational diabetes mellitus pregnancies and controls. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 623-636.                                   | 2.2 | 20        |
| 60 | Scientific Opinion of the PPR Panel on the follow-up of the findings of the External Scientific Report – Literature review of epidemiological studies linking exposure to pesticides and health effects™. <i>EFSA Journal</i> , 2017, 15, e05007.                                | 0.9 | 17        |
| 61 | Statement on the derivation of Health-Based Guidance Values (HBCVs) for regulated products that are also nutrients. <i>EFSA Journal</i> , 2021, 19, e06479.                                                                                                                      | 0.9 | 17        |
| 62 | Insufficient iodine status in pregnant women as a consequence of dietary changes. <i>Food and Nutrition Research</i> , 2020, 64, .                                                                                                                                               | 1.2 | 17        |
| 63 | Maternal and Early Life Iron Intake and Risk of Childhood Type 1 Diabetes: A Danish Case-Cohort Study. <i>Nutrients</i> , 2019, 11, 734.                                                                                                                                         | 1.7 | 16        |
| 64 | Dietary Intake and Cardiovascular Risk Factors in Icelanders Following Voluntarily a Low Carbohydrate Diet. <i>PLoS ONE</i> , 2016, 11, e0156655.                                                                                                                                | 1.1 | 16        |
| 65 | Maternal intake of fat in pregnancy and offspring metabolic health – A prospective study with 20 years of follow-up. <i>Clinical Nutrition</i> , 2016, 35, 475-483.                                                                                                              | 2.3 | 15        |
| 66 | Evaluation of existing guidelines for their adequacy for the microbial characterisation and environmental risk assessment of microorganisms obtained through synthetic biology. <i>EFSA Journal</i> , 2020, 18, e06263.                                                          | 0.9 | 15        |
| 67 | Relative validity and reproducibility of a food frequency questionnaire used in pregnant women from a rural area of China. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 1141-1149.                                                                            | 1.3 | 14        |
| 68 | Maternal Macronutrient Intake and Offspring Blood Pressure 20 Years Later. <i>Journal of the American Heart Association</i> , 2017, 6, .                                                                                                                                         | 1.6 | 14        |
| 69 | Towards an Individualized Nutrition Treatment: Role of the Gastrointestinal Microbiome in the Interplay Between Diet and Obesity. <i>Current Obesity Reports</i> , 2018, 7, 289-293.                                                                                             | 3.5 | 14        |
| 70 | Development of a dietary screening questionnaire to predict excessive weight gain in pregnancy. <i>Maternal and Child Nutrition</i> , 2019, 15, e12639.                                                                                                                          | 1.4 | 14        |
| 71 | Examining the Effect of Fish Oil Supplementation in Chinese Pregnant Women on Gestation Duration and Risk of Preterm Delivery. <i>Journal of Nutrition</i> , 2019, 149, 1942-1951.                                                                                               | 1.3 | 14        |
| 72 | Maternal glycemic index and glycemic load in pregnancy and offspring metabolic health in childhood and adolescence – a cohort study of 68,471 mother-offspring dyads from the Danish National Birth Cohort. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1049-1062. | 1.3 | 14        |

| #  | ARTICLE                                                                                                                                                                                                                                                                 | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Draft for internal testing Scientific Committee guidance on appraising and integrating evidence from epidemiological studies for use in EFSA's scientific assessments. <i>EFSA Journal</i> , 2020, 18, e06221.                                                          | 0.9 | 13        |
| 74 | Missing portion sizes in FFQ " alternatives to use of standard portions. <i>Public Health Nutrition</i> , 2015, 18, 1914-1921.                                                                                                                                          | 1.1 | 12        |
| 75 | Relative validity of a web-based food frequency questionnaire for Danish adolescents. <i>Nutrition Journal</i> , 2018, 17, 9.                                                                                                                                           | 1.5 | 12        |
| 76 | Possibilities and considerations when merging dietary data from the world's two largest pregnancy cohorts: the Danish National Birth Cohort and the Norwegian Mother and Child Cohort Study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 1131-1140. | 1.3 | 11        |
| 77 | Comparisons of Estimated Intakes and Plasma Concentrations of Selected Fatty Acids in Pregnancy. <i>Nutrients</i> , 2019, 11, 568.                                                                                                                                      | 1.7 | 10        |
| 78 | Reproducibility of a web-based FFQ for 13- to 15-year-old Danish adolescents. <i>Journal of Nutritional Science</i> , 2016, 5, e5.                                                                                                                                      | 0.7 | 9         |
| 79 | Dietary glycemic index and glycemic load during pregnancy and offspring risk of congenital heart defects: a prospective cohort study. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 526-535.                                                               | 2.2 | 9         |
| 80 | Cross-sectional study of early postpartum pelvic floor dysfunction and related bother in primiparous women 6-10 weeks postpartum. <i>International Urogynecology Journal</i> , 2021, 32, 1847-1855.                                                                     | 0.7 | 9         |
| 81 | Opinion on the impact of non-monotonic dose responses on EFSA's human health risk assessments. <i>EFSA Journal</i> , 2021, 19, e06877.                                                                                                                                  | 0.9 | 9         |
| 82 | Improving the Risk Assessment of Pesticides through the Integration of Human Biomonitoring and Food Monitoring Data: A Case Study for Chlorpyrifos. <i>Toxics</i> , 2022, 10, 313.                                                                                      | 1.6 | 9         |
| 83 | Physical activity of relatively high intensity in mid-pregnancy predicts lower glucose tolerance levels. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 1055-1062.                                                                                     | 1.3 | 8         |
| 84 | Can a Simple Dietary Screening in Early Pregnancy Identify Dietary Habits Associated with Gestational Diabetes?. <i>Nutrients</i> , 2019, 11, 1868.                                                                                                                     | 1.7 | 8         |
| 85 | Associations between ambient air pollution and noise from road traffic with blood pressure and insulin resistance in children from Denmark. <i>Environmental Epidemiology</i> , 2019, 3, e069.                                                                          | 1.4 | 7         |
| 86 | Higher Alkylresorcinol Concentrations, a Consequence of Whole-Grain Intake, are Inversely Associated with Gestational Diabetes Mellitus in Iceland. <i>Journal of Nutrition</i> , 2021, 151, 1159-1166.                                                                 | 1.3 | 7         |
| 87 | Re-evaluation of thaumatin (E 957) as food additive. <i>EFSA Journal</i> , 2021, 19, e06884.                                                                                                                                                                            | 0.9 | 7         |
| 88 | Testing the study appraisal methodology from the 2017 Bisphenol A (BPA) hazard assessment protocol. <i>EFSA Supporting Publications</i> , 2019, 16, 1732E.                                                                                                              | 0.3 | 6         |
| 89 | Old Question Revisited: Are High-Protein Diets Safe in Pregnancy?. <i>Nutrients</i> , 2021, 13, 440.                                                                                                                                                                    | 1.7 | 6         |
| 90 | Vitamin D status and association with gestational diabetes mellitus in a pregnant cohort in Iceland. <i>Food and Nutrition Research</i> , 2021, 65, .                                                                                                                   | 1.2 | 6         |

| #   | ARTICLE                                                                                                                                                                                            | IF  | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Maternal acrylamide exposure during pregnancy and fetal growth: A systematic review and dose-response meta-analysis of epidemiological studies. <i>Environmental Research</i> , 2022, 213, 113705. | 3.7 | 6         |
| 92  | Cod liver oil consumption at different periods of life and bone mineral density in old age. <i>British Journal of Nutrition</i> , 2015, 114, 248-256.                                              | 1.2 | 5         |
| 93  | Scientific motivations and criteria to consider updating EFSA scientific assessments. <i>EFSA Journal</i> , 2017, 15, e04737.                                                                      | 0.9 | 5         |
| 94  | Fish Intake in Pregnancy and Offspring Metabolic Parameters at Age 9â€“16â€“Does Gestational Diabetes Modify the Risk?. <i>Nutrients</i> , 2018, 10, 1534.                                         | 1.7 | 5         |
| 95  | Liraglutide changes body composition and lowers added sugar intake in overweight persons with insulin pumpâ€“treated type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 212-220. | 2.2 | 4         |
| 96  | Lower Intake of Saturated Fatty Acids Is Associated with Improved Lipid Profile in a 6-Year-Old Nationally Representative Population. <i>Nutrients</i> , 2022, 14, 671.                            | 1.7 | 4         |
| 97  | PFAAs in Fish and Other Seafood Products from Icelandic Waters. <i>Journal of Environmental and Public Health</i> , 2014, 2014, 1-6.                                                               | 0.4 | 3         |
| 98  | Serum 25-Hydroxy-Vitamin D Status and Incident Hip Fractures in Elderly Adults: Looking Beyond Bone Mineral Density. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 2351-2360.            | 3.1 | 3         |
| 99  | Dietary supplement use in the older population of Iceland and association with mortality. <i>British Journal of Nutrition</i> , 2017, 117, 1463-1469.                                              | 1.2 | 2         |
| 100 | Maternal animal protein intake during pregnancy and risk of overweight in offspring 20 years later: a prospective cohort study. <i>Lancet, The</i> , 2013, 382, S71.                               | 6.3 | 0         |
| 101 | Dietary acrylamide and risk of specific subtypes of cancer: a dose response meta-analysis of epidemiological studies. <i>ISEE Conference Abstracts</i> , 2021, 2021, .                             | 0.0 | 0         |