

# Olaf Uhl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1468331/publications.pdf>

Version: 2024-02-01

51  
papers

1,803  
citations

346980

22  
h-index

312153

41  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3995  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Maternal Body Mass Index, Early-Pregnancy Metabolite Profile, and Birthweight. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e315-e327.   | 1.8 | 11        |
| 2  | Total Fatty Acid and Polar Lipid Species Composition of Human Milk. <i>Nutrients</i> , 2022, 14, 158.  | 1.7 | 6         |
| 3  | Placental polar lipid composition is associated with placental gene expression and neonatal body composition. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158971.          | 1.2 | 1         |
| 4  | Associations of maternal and fetal SCD-1 markers with infant anthropometry and maternal diet: Findings from the ROLO study. <i>Clinical Nutrition</i> , 2020, 39, 2129-2136.   | 2.3 | 3         |
| 5  | Impact of infant protein supply and other early life factors on plasma metabolome at 5.5 and 8 years of age: a randomized trial. <i>International Journal of Obesity</i> , 2020, 44, 69-81.                              | 1.6 | 4         |
| 6  | Impact of Treatment with RUTF on Plasma Lipid Profiles of Severely Malnourished Pakistani Children. <i>Nutrients</i> , 2020, 12, 2163.   | 1.7 | 7         |
| 7  | Partial enteral nutrition has no benefit on bone health but improves growth in paediatric patients with quiescent or mild Crohn's disease. <i>Clinical Nutrition</i> , 2020, 39, 3786-3796.                              | 2.3 | 10        |
| 8  | A population-based resource for intergenerational metabolomics analyses in pregnant women and their children: the Generation R Study. <i>Metabolomics</i> , 2020, 16, 43.  | 1.4 | 13        |
| 9  | Cohort Profile: The DynaHEALTH consortium "a European consortium for a life-course bio-psychosocial model of healthy ageing of glucose homeostasis. <i>International Journal of Epidemiology</i> , 2019, 48, 1051-1051k. | 0.9 | 10        |
| 10 | Metabolic labelling of choline phospholipids probes ABCA3 transport in lamellar bodies. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 158516.                                | 1.2 | 7         |
| 11 | Effect of a low glycaemic index diet during pregnancy on maternal and cord blood metabolomic profiles: results from the ROLO randomized controlled trial. <i>Nutrition and Metabolism</i> , 2019, 16, 59.                | 1.3 | 5         |
| 12 | Phospholipids in lipoproteins: compositional differences across VLDL, LDL, and HDL in pregnant women. <i>Lipids in Health and Disease</i> , 2019, 18, 20.  | 1.2 | 17        |
| 13 | Investigation of the impact of birth by cesarean section on fetal and maternal metabolism. <i>Archives of Gynecology and Obstetrics</i> , 2019, 300, 589-600.  | 0.8 | 12        |
| 14 | Transgenerational cycle of obesity and diabetes: investigating possible metabolic precursors in cord blood from the PREOBE study. <i>Acta Diabetologica</i> , 2019, 56, 1073-1082.                                       | 1.2 | 10        |
| 15 | Plasma metabolomic profiling of amino acids and polar lipids in Iranian obese adults. <i>Lipids in Health and Disease</i> , 2019, 18, 94.  | 1.2 | 42        |
| 16 | Prolonged monitoring of postprandial lipid metabolism after a western meal rich in linoleic acid and carbohydrates. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 1189-1198.                           | 0.9 | 2         |
| 17 | An individual participant data meta-analysis on metabolomics profiles for obesity and insulin resistance in European children. <i>Scientific Reports</i> , 2019, 9, 5053.  | 1.6 | 18        |
| 18 | Impact of maternal BMI and gestational diabetes mellitus on maternal and cord blood metabolome: results from the PREOBE cohort study. <i>Acta Diabetologica</i> , 2019, 56, 421-430.                                     | 1.2 | 47        |

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|----|---|-----|-----------|
| 19 | Caesarean section, but not induction of labour, is associated with major changes in cord blood metabolome. <i>Scientific Reports</i> , 2019, 9, 17562.  | 1.6 | 4         |
| 20 | Maternal Metabolomic Profile and Fetal Programming of Offspring Adiposity: Identification of Potentially Protective Lipid Metabolites. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1700889.     | 1.5 | 22        |
| 21 | Obesity-Related Metabolomic Profiles and Discrimination of Metabolically Unhealthy Obesity. <i>Journal of Proteome Research</i> , 2018, 17, 1452-1462.  | 1.8 | 45        |
| 22 | Placental lipid droplet composition: Effect of a lifestyle intervention (UPBEAT) in obese pregnant women. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 998-1005. | 1.2 | 13        |
| 23 | Cord Metabolic Profiles in Obese Pregnant Women: Insights Into Offspring Growth and Body Composition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 346-355.                           | 1.8 | 35        |
| 24 | Metabolic Regulation of Pre- and Postnatal Growth. <i>Nestle Nutrition Institute Workshop Series</i> , 2018, 89, 79-91.   | 1.5 | 3         |
| 25 | The impact of human breast milk components on the infant metabolism. <i>PLoS ONE</i> , 2018, 13, e0197713.  | 1.1 | 35        |
| 26 | Effectiveness of vitamin D therapy in improving metabolomic biomarkers in obesity phenotypes: Two randomized clinical trials. <i>International Journal of Obesity</i> , 2018, 42, 1782-1796.                  | 1.6 | 11        |
| 27 | Placental MFSD2a transporter is related to decreased DHA in cord blood of women with treated gestational diabetes. <i>Clinical Nutrition</i> , 2017, 36, 513-521.   | 2.3 | 86        |
| 28 | Lymphocyte Circadian Clocks Control Lymph Node Trafficking and Adaptive Immune Responses. <i>Immunity</i> , 2017, 46, 120-132.  | 6.6 | 324       |
| 29 | Impact of nutrition on social decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6510-6514.   | 3.3 | 37        |
| 30 | Early Programming of Obesity Throughout the Life Course: A Metabolomics Perspective. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 201-209.   | 1.0 | 44        |
| 31 | Cord Blood Metabolome Is Highly Associated with Birth Weight, but Less Predictive for Later Weight Development. <i>Obesity Facts</i> , 2017, 10, 85-100.  | 1.6 | 56        |
| 32 | Long-Term Health Impact of Early Nutrition: The Power of Programming. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 161-169.  | 1.0 | 95        |
| 33 | Early Life Factors, Obesity Risk, and the Metabolome of Young Adults. <i>Obesity</i> , 2017, 25, 1549-1555.   | 1.5 | 11        |
| 34 | Sex differences in the association of phospholipids with components of the metabolic syndrome in young adults. <i>Biology of Sex Differences</i> , 2017, 8, 10.   | 1.8 | 29        |
| 35 | Inter-Laboratory Robustness of Next-Generation Bile Acid Study in Mice and Humans: International Ring Trial Involving 12 Laboratories. <i>Journal of Applied Laboratory Medicine</i> , 2016, 1, 129-142.      | 0.6 | 30        |
| 36 | Investigating the early metabolic fingerprint of celiac disease – a prospective approach. <i>Journal of Autoimmunity</i> , 2016, 72, 95-101.  | 3.0 | 15        |

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|----|--|-----|-----------|
| 37 | Effects of Early Nutrition on the Infant Metabolome. Nestle Nutrition Institute Workshop Series, 2016, 85, 89-100.   | 1.5 | 9         |
| 38 | Contribution of glycerophospholipids and sphingomyelin to the circulating NEFA. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 110, 55-61.   | 1.0 | 2         |
| 39 | Lipidomics Reveals Associations of Phospholipids With Obesity and Insulin Resistance in Young Adults. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 871-879.  | 1.8 | 132       |
| 40 | Phospholipid Species in Newborn and 4 Month Old Infants after Consumption of Different Formulas or Breast Milk. PLoS ONE, 2016, 11, e0162040.  | 1.1 | 31        |
| 41 | Dietary Effects on Plasma Glycerophospholipids. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 367-372.  | 0.9 | 6         |
| 42 | Differences in the Serum Nonesterified Fatty Acid Profile of Young Women Associated with a Recent History of Gestational Diabetes and Overweight/Obesity. PLoS ONE, 2015, 10, e0128001.  | 1.1 | 21        |
| 43 | Effects of obesity and gestational diabetes mellitus on placental phospholipids. Diabetes Research and Clinical Practice, 2015, 109, 364-371.  | 1.1 | 39        |
| 44 | Longitudinal Metabolomic Profiling of Amino Acids and Lipids across Healthy Pregnancy. PLoS ONE, 2015, 10, e0145794.   | 1.1 | 124       |
| 45 | Regulation of Early Human Growth: Impact on Long-Term Health. Annals of Nutrition and Metabolism, 2014, 65, 101-109.   | 1.0 | 38        |
| 46 | The Power of Programming and the EarlyNutrition Project: Opportunities for Health Promotion by Nutrition during the First Thousand Days of Life and Beyond. Annals of Nutrition and Metabolism, 2014, 64, 187-196.             | 1.0 | 98        |
| 47 | Rapid Growth and Childhood Obesity Are Strongly Associated with LysoPC(14:0). Annals of Nutrition and Metabolism, 2014, 64, 294-303.   | 1.0 | 33        |
| 48 | Metabolomic Biomarkers for Obesity in Humans: A Short Review. Annals of Nutrition and Metabolism, 2014, 64, 314-324.   | 1.0 | 102       |
| 49 | Changes of Molecular Glycerophospholipid Species in Plasma and Red Blood Cells During Docosahexaenoic Acid Supplementation. Lipids, 2013, 48, 1103-1113.   | 0.7 | 11        |
| 50 | Reversed phase LC/MS/MS method for targeted quantification of glycerophospholipid molecular species in plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 3556-3564. | 1.2 | 24        |
| 51 | Determination of acylglycerols from biological samples with chromatography-based methods. Journal of Separation Science, 2011, 34, 3470-3483.  | 1.3 | 13        |