

Olaf Uhl

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,803
citations

304602

22
h-index

276775

41
g-index

51
all docs

51
docs citations

51
times ranked

3757
citing authors

#	ARTICLE	IF	CITATIONS
1	Lymphocyte Circadian Clocks Control Lymph Node Trafficking and Adaptive Immune Responses. <i>Immunity</i> , 2017, 46, 120-132.	6.6	324
2	Lipidomics Reveals Associations of Phospholipids With Obesity and Insulin Resistance in Young Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 871-879.	1.8	132
3	Longitudinal Metabolomic Profiling of Amino Acids and Lipids across Healthy Pregnancy. <i>PLoS ONE</i> , 2015, 10, e0145794.	1.1	124
4	Metabolomic Biomarkers for Obesity in Humans: A Short Review. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 314-324.	1.0	102
5	The Power of Programming and the EarlyNutrition Project: Opportunities for Health Promotion by Nutrition during the First Thousand Days of Life and Beyond. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 187-196.	1.0	98
6	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
7	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
8	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
9	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
10	Obesity-Related Metabolomic Profiles and Discrimination of Metabolically Unhealthy Obesity. <i>Journal of Proteome Research</i> , 2018, 17, 1452-1462.	1.8	45
11	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
12	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
13	Effects of obesity and gestational diabetes mellitus on placental phospholipids. <i>Diabetes Research and Clinical Practice</i> , 2015, 109, 364-371.	1.1	39
14	Regulation of Early Human Growth: Impact on Long-Term Health. <i>Annals of Nutrition and Metabolism</i> , 2014, 65, 101-109.	1.0	38
15	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
16	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
17	The impact of human breast milk components on the infant metabolism. <i>PLoS ONE</i> , 2018, 13, e0197713.	1.1	35
18	Rapid Growth and Childhood Obesity Are Strongly Associated with LysoPC(14:0). <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 294-303.	1.0	33

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19	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
20	Inter-Laboratory Robustness of Next-Generation Bile Acid Study in Mice and Humans: International Ring Trial Involving 12 Laboratories. Journal of applied laboratory medicine, The, 2016, 1, 129-142.	0.6	30
21	Sex differences in the association of phospholipids with components of the metabolic syndrome in young adults. Biology of Sex Differences, 2017, 8, 10.	1.8	29
22	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
23	Maternal Metabolomic Profile and Fetal Programming of Offspring Adiposity: Identification of Potentially Protective Lipid Metabolites. Molecular Nutrition and Food Research, 2019, 63, e1700889.	1.5	22
24	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
25	An individual participant data meta-analysis on metabolomics profiles for obesity and insulin resistance in European children. Scientific Reports, 2019, 9, 5053.	1.6	18
26	Phospholipids in lipoproteins: compositional differences across VLDL, LDL, and HDL in pregnant women. Lipids in Health and Disease, 2019, 18, 20.	1.2	17
27	Investigating the early metabolic fingerprint of celiac disease – a prospective approach. Journal of Autoimmunity, 2016, 72, 95-101.	3.0	15
28	Determination of acylglycerols from biological samples with chromatography-based methods. Journal of Separation Science, 2011, 34, 3470-3483.	1.3	13
29	Placental lipid droplet composition: Effect of a lifestyle intervention (UPBEAT) in obese pregnant women. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 998-1005.	1.2	13
30	A population-based resource for intergenerational metabolomics analyses in pregnant women and their children: the Generation R Study. Metabolomics, 2020, 16, 43.	1.4	13
31	Investigation of the impact of birth by cesarean section on fetal and maternal metabolism. Archives of Gynecology and Obstetrics, 2019, 300, 589-600.	0.8	12
32	Changes of Molecular Glycerophospholipid Species in Plasma and Red Blood Cells During Docosahexaenoic Acid Supplementation. Lipids, 2013, 48, 1103-1113.	0.7	11
33	Early Life Factors, Obesity Risk, and the Metabolome of Young Adults. Obesity, 2017, 25, 1549-1555.	1.5	11
34	Effectiveness of vitamin D therapy in improving metabolomic biomarkers in obesity phenotypes: Two randomized clinical trials. International Journal of Obesity, 2018, 42, 1782-1796.	1.6	11
35	Maternal Body Mass Index, Early-Pregnancy Metabolite Profile, and Birthweight. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e315-e327.	1.8	11
36	Cohort Profile: The DynaHEALTH consortium – a European consortium for a life-course bio-psycho-social model of healthy ageing of glucose homeostasis. International Journal of Epidemiology, 2019, 48, 1051-1051k.	0.9	10

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37	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
38	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
39	Effects of Early Nutrition on the Infant Metabolome. <i>Nestle Nutrition Institute Workshop Series</i> , 2016, 85, 89-100.	1.5	9
40	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
41	Impact of Treatment with RUTF on Plasma Lipid Profiles of Severely Malnourished Pakistani Children. <i>Nutrients</i> , 2020, 12, 2163.	1.7	7
42	Dietary Effects on Plasma Glycerophospholipids. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 61, 367-372.	0.9	6
43	Total Fatty Acid and Polar Lipid Species Composition of Human Milk. <i>Nutrients</i> , 2022, 14, 158.	1.7	6
44	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
45	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
46	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
47	Metabolic Regulation of Pre- and Postnatal Growth. <i>Nestle Nutrition Institute Workshop Series</i> , 2018, 89, 79-91.	1.5	3
48	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
49	Contribution of glycerophospholipids and sphingomyelin to the circulating NEFA. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 110, 55-61.	1.0	2
50	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
51	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