

Marko Mank

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

966
citations

516561

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26
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1237
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 2,5-Dihydroxybenzoic Acid Butylamine and Other Ionic Liquid Matrixes for Enhanced MALDI-MS Analysis of Biomolecules. <i>Analytical Chemistry</i> , 2004, 76, 2938-2950. | 3.2 | 201 |
| 2 | 3-Aminoquinoline Acting as Matrix and Derivatizing Agent for MALDI MS Analysis of Oligosaccharides. <i>Analytical Chemistry</i> , 2010, 82, 3719-3726. | 3.2 | 109 |
| 3 | Diversity of Human Milk Oligosaccharides and Effects on Early Life Immune Development. <i>Frontiers in Pediatrics</i> , 2018, 6, 239. | 0.9 | 109 |
| 4 | <i>Akkermansia muciniphila</i> uses human milk oligosaccharides to thrive in the early life conditions in vitro. <i>Scientific Reports</i> , 2020, 10, 14330. | 1.6 | 96 |
| 5 | Human and Bovine Milk Gangliosides Differ in Their Fatty Acid Composition. <i>Journal of Nutrition</i> , 2004, 134, 3016-3020. | 1.3 | 57 |
| 6 | Development of a high-throughput glycoanalysis method for the characterization of oligosaccharides in human milk utilizing multiplexed capillary gel electrophoresis with laser-induced fluorescence detection. <i>Electrophoresis</i> , 2013, 34, 2323-2336. | 1.3 | 43 |
| 7 | Offline Coupling of Low-Pressure Anion-Exchange Chromatography with MALDI-MS to Determine the Elution Order of Human Milk Oligosaccharides. <i>Analytical Biochemistry</i> , 2000, 284, 256-265. | 1.1 | 36 |
| 8 | Peptides from <i>Pisum sativum</i> L. enzymatic protein digest with anti-adhesive activity against <i>Helicobacter pylori</i> : Structure activity and inhibitory activity against BabA, SabA, HpaA and a fibronectin-binding adhesin. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1851-1861. | 1.5 | 35 |
| 9 | Label-free targeted LC-ESI-MS2 analysis of human milk oligosaccharides (HMOS) and related human milk groups with enhanced structural selectivity. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 231-250. | 1.9 | 34 |
| 10 | Quantitative Longitudinal Inventory of the N-Glycoproteome of Human Milk from a Single Donor Reveals the Highly Variable Repertoire and Dynamic Site-Specific Changes. <i>Journal of Proteome Research</i> , 2020, 19, 1941-1952. | 1.8 | 31 |
| 11 | Personalized Profiling Reveals Donor- and Lactation-Specific Trends in the Human Milk Proteome and Peptidome. <i>Journal of Nutrition</i> , 2021, 151, 826-839. | 1.3 | 27 |
| 12 | <i>Bacteroides thetaiotaomicron</i> Fosters the Growth of Butyrate-Producing <i>Anaerostipes caccae</i> in the Presence of Lactose and Total Human Milk Carbohydrates. <i>Microorganisms</i> , 2020, 8, 1513. | 1.6 | 26 |
| 13 | Monitoring Human Milk ³² P-Casein Phosphorylation and O-Glycosylation Over Lactation Reveals Distinct Differences between the Proteome and Endogenous Peptidome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8140. | 1.8 | 23 |
| 14 | Targeted LC-ESI-MS2 characterization of human milk oligosaccharide diversity at 6 to 16 weeks post-partum reveals clear staging effects and distinctive milk groups. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6887-6907. | 1.9 | 22 |
| 15 | Human Milk Oligosaccharide Profiles over 12 Months of Lactation: The Ulm SPATZ Health Study. <i>Nutrients</i> , 2021, 13, 1973. | 1.7 | 22 |
| 16 | Toward an efficient workflow for the analysis of the human milk peptidome. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1351-1363. | 1.9 | 21 |
| 17 | Changes in Human Milk Fatty Acid Composition during Lactation: The Ulm SPATZ Health Study. <i>Nutrients</i> , 2019, 11, 2842. | 1.7 | 18 |
| 18 | Presence and Levels of Galactosyllactoses and Other Oligosaccharides in Human Milk and Their Variation during Lactation and According to Maternal Phenotype. <i>Nutrients</i> , 2021, 13, 2324. | 1.7 | 15 |

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|----|---|-----|-----------|
| 19 | Changes in human milk fatty acid composition and maternal lifestyle-related factors over a decade: a comparison between the two Ulm Birth Cohort Studies. <i>British Journal of Nutrition</i> , 2021, 126, 228-235. | 1.2 | 9 |
| 20 | Maternal dietary patterns are associated with human milk composition in Chinese lactating women. <i>Nutrition</i> , 2021, 91-92, 111392. | 1.1 | 9 |
| 21 | Free and Total Amino Acids in Human Milk in Relation to Maternal and Infant Characteristics and Infant Health Outcomes: The Ulm SPATZ Health Study. <i>Nutrients</i> , 2021, 13, 2009. | 1.7 | 8 |
| 22 | Optimization of a human milk-directed quantitative sIgA ELISA method substantiated by mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5037-5049. | 1.9 | 6 |
| 23 | Human milk oligosaccharide profiles and child atopic dermatitis up to 2 years of age: The Ulm SPATZ Health Study. <i>Pediatric Allergy and Immunology</i> , 2022, 33, e13740. | 1.1 | 4 |
| 24 | Associations of Human Milk Oligosaccharides With Otitis Media and Lower and Upper Respiratory Tract Infections up to 2 Years: The Ulm SPATZ Health Study. <i>Frontiers in Nutrition</i> , 2021, 8, 761129. | 1.6 | 3 |
| 25 | Human Milk Fatty Acid Composition of Allergic and Non-Allergic Mothers: The Ulm SPATZ Health Study. <i>Nutrients</i> , 2020, 12, 1740. | 1.7 | 2 |