

John Penders

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1986598/publications.pdf>

Version: 2024-02-01

138
papers

12,556
citations

31902

53
h-index

26548

107
g-index

146
all docs

146
docs citations

146
times ranked

16867
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Factors Influencing the Composition of the Intestinal Microbiota in Early Infancy. <i>Pediatrics</i> , 2006, 118, 511-521. | 1.0 | 1,841 |
| 2 | Dissemination of Antimicrobial Resistance in Microbial Ecosystems through Horizontal Gene Transfer. <i>Frontiers in Microbiology</i> , 2016, 7, 173. | 1.5 | 1,018 |
| 3 | Gut microbiota composition and development of atopic manifestations in infancy: the KOALA Birth Cohort Study. <i>Gut</i> , 2007, 56, 661-667. | 6.1 | 657 |
| 4 | Towards standards for human fecal sample processing in metagenomic studies. <i>Nature Biotechnology</i> , 2017, 35, 1069-1076. | 9.4 | 581 |
| 5 | Mode and place of delivery, gastrointestinal microbiota, and their influence on asthma and atopy. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 948-955.e3. | 1.5 | 406 |
| 6 | The role of the intestinal microbiota in the development of atopic disorders. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007, 62, 1223-1236. | 2.7 | 364 |
| 7 | Quantification of <i>Bifidobacterium</i> spp., <i>Escherichia coli</i> and <i>Clostridium difficile</i> in faecal samples of breast-fed and formula-fed infants by real-time PCR. <i>FEMS Microbiology Letters</i> , 2005, 243, 141-147. | 0.7 | 343 |
| 8 | Import and spread of extended-spectrum β -lactamase-producing Enterobacteriaceae by international travellers (COMBAT study): a prospective, multicentre cohort study. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 78-85. | 4.6 | 340 |
| 9 | Intestinal Microbiota And Diet in IBS: Causes, Consequences, or Epiphenomena?. <i>American Journal of Gastroenterology</i> , 2015, 110, 278-287. | 0.2 | 283 |
| 10 | Gut microbiome stability and resilience: elucidating the response to perturbations in order to modulate gut health. <i>Gut</i> , 2021, 70, 595-605. | 6.1 | 265 |
| 11 | Establishment of the intestinal microbiota and its role for atopic dermatitis in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 601-607.e8. | 1.5 | 244 |
| 12 | The human microbiome as a reservoir of antimicrobial resistance. <i>Frontiers in Microbiology</i> , 2013, 4, 87. | 1.5 | 237 |
| 13 | Weight gain in anorexia nervosa does not ameliorate the faecal microbiota, branched chain fatty acid profiles and gastrointestinal complaints. <i>Scientific Reports</i> , 2016, 6, 26752. | 1.6 | 233 |
| 14 | Global phylogenetic analysis of <i>Escherichia coli</i> and plasmids carrying the <i>mcr-1</i> gene indicates bacterial diversity but plasmid restriction. <i>Scientific Reports</i> , 2017, 7, 15364. | 1.6 | 230 |
| 15 | Probiotics in the Management of Inflammatory Bowel Disease. <i>Drugs</i> , 2012, 72, 803-823. | 4.9 | 187 |
| 16 | Dissemination of the <i>mcr-1</i> colistin resistance gene. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 147-149. | 4.6 | 172 |
| 17 | Development of the Microbiota and Associations With Birth Mode, Diet, and Atopic Disorders in a Longitudinal Analysis of Stool Samples, Collected From Infancy Through Early Childhood. <i>Gastroenterology</i> , 2020, 158, 1584-1596. | 0.6 | 159 |
| 18 | Early growth characteristics and the risk of reduced lung function and asthma: A meta-analysis of 25,000 children. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1026-1035. | 1.5 | 154 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The Effect of Sampling and Storage on the Fecal Microbiota Composition in Healthy and Diseased Subjects. <i>PLoS ONE</i> , 2015, 10, e0126685. | 1.1 | 147 |
| 20 | Early Life Exposure to Antibiotics and the Subsequent Development of Eczema, Wheeze, and Allergic Sensitization in the First 2 Years of Life: The KOALA Birth Cohort Study. <i>Pediatrics</i> , 2007, 119, e225-e231. | 1.0 | 142 |
| 21 | Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. <i>Microbiome</i> , 2019, 7, 2. | 4.9 | 135 |
| 22 | Molecular fingerprinting of the intestinal microbiota of infants in whom atopic eczema was or was not developing. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1602-1608. | 1.4 | 124 |
| 23 | Infant antibiotic use and wheeze and asthma risk: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2011, 38, 295-302. | 3.1 | 123 |
| 24 | The intestinal microbiota composition and weight development in children: the KOALA Birth Cohort Study. <i>International Journal of Obesity</i> , 2015, 39, 16-25. | 1.6 | 117 |
| 25 | Etiology of atopy in infancy: The KOALA Birth Cohort Study. <i>Pediatric Allergy and Immunology</i> , 2005, 16, 679-684. | 1.1 | 115 |
| 26 | High Rates of Antimicrobial Drug Resistance Gene Acquisition after International Travel, the Netherlands. <i>Emerging Infectious Diseases</i> , 2014, 20, 649-657. | 2.0 | 112 |
| 27 | Consumption of organic foods and risk of atopic disease during the first 2 years of life in the Netherlands. <i>British Journal of Nutrition</i> , 2008, 99, 598-605. | 1.2 | 109 |
| 28 | Gut microbiota composition in relation to the metabolic response to 12-week combined polyphenol supplementation in overweight men and women. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 1040-1045. | 1.3 | 103 |
| 29 | Folic Acid Use in Pregnancy and the Development of Atopy, Asthma, and Lung Function in Childhood. <i>Pediatrics</i> , 2011, 128, e135-e144. | 1.0 | 101 |
| 30 | microViz: an R package for microbiome data visualization and statistics. <i>Journal of Open Source Software</i> , 2021, 6, 3201. | 2.0 | 101 |
| 31 | Fecal Microbial Composition of Ulcerative Colitis and Crohn's Disease Patients in Remission and Subsequent Exacerbation. <i>PLoS ONE</i> , 2014, 9, e90981. | 1.1 | 100 |
| 32 | Bile acids drive the newborn's gut microbiota maturation. <i>Nature Communications</i> , 2020, 11, 3692. | 5.8 | 100 |
| 33 | CX3CR1 is a gatekeeper for intestinal barrier integrity in mice: Limiting steatohepatitis by maintaining intestinal homeostasis. <i>Hepatology</i> , 2015, 62, 1405-1416. | 3.6 | 94 |
| 34 | The neonatal window of opportunity for early priming for life. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1212-1214. | 1.5 | 87 |
| 35 | Correlating Infant Fecal Microbiota Composition and Human Milk Oligosaccharide Consumption by Microbiota of 1-Month-Old Breastfed Infants. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801214. | 1.5 | 83 |
| 36 | The ATG16L1 T300A allele impairs clearance of pathosymbionts in the inflamed ileal mucosa of Crohn's disease patients. <i>Gut</i> , 2015, 64, 1546-1552. | 6.1 | 77 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Cytokines and soluble CD14 in breast milk in relation with atopic manifestations in mother and infant (KOALA Study). <i>Clinical and Experimental Allergy</i> , 2006, 36, 1609-1615. | 1.4 | 75 |
| 38 | The Canmore Declaration: Statement of Principles for Planetary Health. <i>Challenges</i> , 2018, 9, 31. | 0.9 | 70 |
| 39 | On the origin of species: Factors shaping the establishment of infant's gut microbiota. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2015, 105, 240-251. | 3.6 | 66 |
| 40 | Early Life Antibiotic Exposure and Weight Development in Children. <i>Journal of Pediatrics</i> , 2016, 176, 105-113.e2. | 0.9 | 66 |
| 41 | Worldwide Variation in Human Milk Metabolome: Indicators of Breast Physiology and Maternal Lifestyle?. <i>Nutrients</i> , 2018, 10, 1151. | 1.7 | 66 |
| 42 | The effect of prebiotic fortified infant formulas on microbiota composition and dynamics in early life. <i>Scientific Reports</i> , 2019, 9, 2434. | 1.6 | 65 |
| 43 | How to Count Our Microbes? The Effect of Different Quantitative Microbiome Profiling Approaches. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 403. | 1.8 | 65 |
| 44 | Volatile metabolites in breath strongly correlate with gut microbiome in CD patients. <i>Analytica Chimica Acta</i> , 2018, 1025, 1-11. | 2.6 | 64 |
| 45 | Long-Term Green Tea Supplementation Does Not Change the Human Gut Microbiota. <i>PLoS ONE</i> , 2016, 11, e0153134. | 1.1 | 63 |
| 46 | The fecal microbiota as a biomarker for disease activity in Crohn's disease. <i>Scientific Reports</i> , 2016, 6, 35216. | 1.6 | 63 |
| 47 | Breast-Feeding Duration and Infant Atopic Manifestations, by Maternal Allergic Status, in the First 2 Years of Life (KOALA Study). <i>Journal of Pediatrics</i> , 2007, 151, 347-351.e2. | 0.9 | 61 |
| 48 | New insights into the hygiene hypothesis in allergic diseases. <i>Gut Microbes</i> , 2014, 5, 239-244. | 4.3 | 61 |
| 49 | Maternal fatty acid status in pregnancy and childhood atopic manifestations: KOALA Birth Cohort Study. <i>Clinical and Experimental Allergy</i> , 2011, 41, 407-416. | 1.4 | 60 |
| 50 | Maternal complications in pregnancy and wheezing in early childhood: a pooled analysis of 14 birth cohorts. <i>International Journal of Epidemiology</i> , 2015, 44, 199-208. | 0.9 | 60 |
| 51 | Transient early wheeze and lung function in early childhood associated with chronic obstructive pulmonary disease genes. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 68-76.e4. | 1.5 | 59 |
| 52 | Gut Colonization by Methanogenic Archaea Is Associated with Organic Dairy Consumption in Children. <i>Frontiers in Microbiology</i> , 2017, 8, 355. | 1.5 | 59 |
| 53 | Detection of the plasmid-mediated colistin-resistance gene <i>mcr-1</i> in faecal metagenomes of Dutch travellers. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3416-3419. | 1.3 | 57 |
| 54 | Does a prenatal bacterial microbiota exist?. <i>Mucosal Immunology</i> , 2017, 10, 598-601. | 2.7 | 57 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Gut microbiota and short-chain fatty acid alterations in cachectic cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 2007-2021. | 2.9 | 56 |
| 56 | Is the Impact of Starvation on the Gut Microbiota Specific or Unspecific to Anorexia Nervosa? A Narrative Review Based on a Systematic Literature Search. <i>Current Neuropharmacology</i> , 2018, 16, 1131-1149. | 1.4 | 55 |
| 57 | Is Microscopic Colitis a Drug-induced Disease?. <i>Journal of Clinical Gastroenterology</i> , 2012, 46, 811-822. | 1.1 | 54 |
| 58 | Antibiotic resistance of motile aeromonads in indoor catfish and eel farms in the southern part of The Netherlands. <i>International Journal of Antimicrobial Agents</i> , 2008, 31, 261-265. | 1.1 | 52 |
| 59 | Influence of vitamin D on key bacterial taxa in infant microbiota in the KOALA Birth Cohort Study. <i>PLoS ONE</i> , 2017, 12, e0188011. | 1.1 | 51 |
| 60 | Prolonged carriage and potential onward transmission of carbapenemase-producing Enterobacteriaceae in Dutch travelers. <i>Future Microbiology</i> , 2016, 11, 857-864. | 1.0 | 50 |
| 61 | Gut colonization with <i>Methanobrevibacter smithii</i> is associated with childhood weight development. <i>Obesity</i> , 2015, 23, 2508-2516. | 1.5 | 49 |
| 62 | The Clinical Link between Human Intestinal Microbiota and Systemic Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4145. | 1.8 | 49 |
| 63 | Intestinal Microbiota Protects against MCD Diet-Induced Steatohepatitis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 308. | 1.8 | 46 |
| 64 | Composition and stability of intestinal microbiota of healthy children within a Dutch population. <i>FASEB Journal</i> , 2016, 30, 1512-1522. | 0.2 | 45 |
| 65 | Gut microbiota, dysbiosis and atrial fibrillation. Arrhythmogenic mechanisms and potential clinical implications. <i>Cardiovascular Research</i> , 2022, 118, 2415-2427. | 1.8 | 45 |
| 66 | Maternal and child's vitamin D supplement use and vitamin D level in relation to childhood lung function: the KOALA Birth Cohort Study. <i>Thorax</i> , 2011, 66, 474-480. | 2.7 | 44 |
| 67 | Mode of Delivery and Asthma at School Age in 9 European Birth Cohorts. <i>American Journal of Epidemiology</i> , 2017, 185, 465-473. | 1.6 | 44 |
| 68 | Faecal Microbiota Dynamics and their Relation to Disease Course in Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 1273-1282. | 0.6 | 42 |
| 69 | Maternal smoking during pregnancy and childhood overweight and fat distribution: the KOALA Birth Cohort Study. <i>Pediatric Obesity</i> , 2014, 9, e14-25. | 1.4 | 35 |
| 70 | The Carriage Of Multiresistant Bacteria After Travel (COMBAT) prospective cohort study: methodology and design. <i>BMC Public Health</i> , 2014, 14, 410. | 1.2 | 35 |
| 71 | Urinary infections in patients with spinal cord injury. <i>Spinal Cord</i> , 2003, 41, 549-552. | 0.9 | 34 |
| 72 | Gut Microbiota and Body Weight in School-Aged Children: The KOALA Birth Cohort Study. <i>Obesity</i> , 2018, 26, 1767-1776. | 1.5 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Intestinal lactobacilli and the DC-SIGN gene for their recognition by dendritic cells play a role in the aetiology of allergic manifestations. <i>Microbiology (United Kingdom)</i> , 2010, 156, 3298-3305. | 0.7 | 32 |
| 74 | Host-microbial interactions in childhood atopy: Toll-like receptor 4 (TLR4), CD14, and fecal <i>Escherichia coli</i> . <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 231-236.e5. | 1.5 | 32 |
| 75 | Is <i>Clostridium difficile</i> Associated With Relapse of Inflammatory Bowel Disease? Results From a Retrospective and Prospective Cohort Study in the Netherlands. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 2125-2131. | 0.9 | 30 |
| 76 | Study protocol on the role of intestinal microbiota in colorectal cancer treatment: a pathway to personalized medicine 2.0. <i>International Journal of Colorectal Disease</i> , 2017, 32, 1077-1084. | 1.0 | 30 |
| 77 | The fecal and mucosal microbiome in acute appendicitis patients: an observational study. <i>Future Microbiology</i> , 2019, 14, 111-127. | 1.0 | 29 |
| 78 | Breastfeeding and Infant Eczema in the First Year of Life in the KOALA Birth Cohort Study: A Risk Period-Specific Analysis. <i>Pediatrics</i> , 2007, 119, e137-e141. | 1.0 | 28 |
| 79 | Relationship between Physical Activity and the Development of Body Mass Index in Children. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 177-184. | 0.2 | 28 |
| 80 | An exploration of the gut and environmental resistome in a community in northern Vietnam in relation to antibiotic use. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 194. | 1.5 | 28 |
| 81 | Enteropathogenic Viruses. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 124-131. | 0.9 | 27 |
| 82 | Influence of probiotic supplementation on the developing microbiota in human preterm neonates. <i>Gut Microbes</i> , 2020, 12, 1826747. | 4.3 | 26 |
| 83 | Inhibition of human glutathione S-transferase P1-1 by tocopherols and $\hat{\pm}$ -tocopherol derivatives. <i>BBA - Proteins and Proteomics</i> , 2001, 1548, 23-28. | 2.1 | 25 |
| 84 | Does gut microbiota affect atrial rhythm? Causalities and speculations. <i>European Heart Journal</i> , 2021, 42, 3521-3525. | 1.0 | 23 |
| 85 | The Importance of Gender-Stratified Antibiotic Resistance Surveillance of Unselected Uropathogens: A Dutch Nationwide Extramural Surveillance Study. <i>PLoS ONE</i> , 2013, 8, e60497. | 1.1 | 23 |
| 86 | Infants'™ First Solid Foods: Impact on Gut Microbiota Development in Two Intercontinental Cohorts. <i>Nutrients</i> , 2021, 13, 2639. | 1.7 | 22 |
| 87 | Timing of infection and development of wheeze, eczema, and atopic sensitization during the first 2â€ƒyr of life: The KOALA Birth Cohort Study. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 983-989. | 1.1 | 21 |
| 88 | Predictive value of <i>Escherichia coli</i> susceptibility in strains causing asymptomatic bacteriuria for women with recurrent symptomatic urinary tract infections receiving prophylaxis. <i>Clinical Microbiology and Infection</i> , 2012, 18, E84-E90. | 2.8 | 21 |
| 89 | Integrative genomic analysis identifies a role for intercellular adhesion molecule 1 in childhood asthma. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 166-172. | 1.1 | 20 |
| 90 | Destination shapes antibiotic resistance gene acquisitions, abundance increases, and diversity changes in Dutch travelers. <i>Genome Medicine</i> , 2021, 13, 79. | 3.6 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Gut microbiota composition strongly correlates to peripheral insulin sensitivity in obese men but not in women. <i>Beneficial Microbes</i> , 2017, 8, 557-562. | 1.0 | 19 |
| 92 | Intestinal archaea inversely associated with childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2305-2307. | 1.5 | 19 |
| 93 | A new poly(1,3-trimethylene carbonate) film provides effective adhesion reduction after major abdominal surgery in a rat model. <i>Surgery</i> , 2015, 157, 1113-1120. | 1.0 | 18 |
| 94 | Advantages and Limitations of Direct PCR Amplification of Bacterial 16S-rDNA from Resected Heart Tissue or Swabs Followed by Direct Sequencing for Diagnosing Infective Endocarditis: A Retrospective Analysis in the Routine Clinical Setting. <i>BioMed Research International</i> , 2016, 2016, 1-10. | 0.9 | 18 |
| 95 | Carriage of <i>Blastocystis</i> spp. in travellers - A prospective longitudinal study. <i>Travel Medicine and Infectious Disease</i> , 2019, 27, 87-91. | 1.5 | 18 |
| 96 | Higher Prevalence of <i>Bacteroides fragilis</i> in Crohn's Disease Exacerbations and Strain-Dependent Increase of Epithelial Resistance. <i>Frontiers in Microbiology</i> , 2021, 12, 598232. | 1.5 | 18 |
| 97 | An ADAM33 Polymorphism Associates with Progression of Preschool Wheeze into Childhood Asthma: A Prospective Case-Control Study with Replication in a Birth Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0119349. | 1.1 | 18 |
| 98 | Toxicogenic and non-toxicogenic <i>Clostridium difficile</i> : determinants of intestinal colonisation and role in childhood atopic manifestations. <i>Gut</i> , 2008, 57, 1025-1026. | 6.1 | 16 |
| 99 | Travel-related acquisition of diarrhoeagenic bacteria, enteral viruses and parasites in a prospective cohort of 98 Dutch travellers. <i>Travel Medicine and Infectious Disease</i> , 2017, 19, 33-36. | 1.5 | 16 |
| 100 | Stool Consistency: Looking Beyond the Bristol Stool Form Scale. <i>Journal of Neurogastroenterology and Motility</i> , 2019, 25, 625-625. | 0.8 | 16 |
| 101 | Prevalence and risk factors for carriage of ESBL-producing Enterobacteriaceae in a population of Dutch travellers: A cross-sectional study. <i>Travel Medicine and Infectious Disease</i> , 2020, 33, 101547. | 1.5 | 16 |
| 102 | Gut microbiota in wheezing preschool children and the association with childhood asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1473-1476. | 2.7 | 16 |
| 103 | Inter-kingdom relationships in Crohn's disease explored using a multi-omics approach. <i>Gut Microbes</i> , 2021, 13, 1930871. | 4.3 | 16 |
| 104 | Intestinal Microbiota in Postmenopausal Breast Cancer Patients and Controls. <i>Cancers</i> , 2021, 13, 6200. | 1.7 | 16 |
| 105 | Genetic Variation in FADS Genes and Plasma Cholesterol Levels in 2-Year-Old Infants: KOALA Birth Cohort Study. <i>PLoS ONE</i> , 2013, 8, e61671. | 1.1 | 15 |
| 106 | The gut resistome is highly dynamic during the first months of life. <i>Future Microbiology</i> , 2016, 11, 501-510. | 1.0 | 15 |
| 107 | The cutaneous microbiome in hospitalized patients with pressure ulcers. <i>Scientific Reports</i> , 2020, 10, 5963. | 1.6 | 15 |
| 108 | Protocadherin-1 polymorphisms are associated with eczema in two Dutch birth cohorts. <i>Pediatric Allergy and Immunology</i> , 2012, 23, 270-277. | 1.1 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | A 4-Week Diet Low or High in Advanced Glycation Endproducts Has Limited Impact on Gut Microbial Composition in Abdominally Obese Individuals: The deAGEing Trial. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5328. | 1.8 | 13 |
| 110 | Investigating colonization patterns of the infant gut microbiome during the introduction of solid food and weaning from breastmilk: A cohort study protocol. <i>PLoS ONE</i> , 2021, 16, e0248924. | 1.1 | 12 |
| 111 | Does Day-to-Day Variability in Stool Consistency Link to the Fecal Microbiota Composition?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 639667. | 1.8 | 11 |
| 112 | <i>Enterobacteriaceae</i> and <i>Bacteroidaceae</i> provide resistance to travel-associated intestinal colonization by multi-drug resistant <i>Escherichia coli</i> . <i>Gut Microbes</i> , 2022, 14, 2060676. | 4.3 | 11 |
| 113 | Gut Microbiota, Probiotics and Psychological States and Behaviors after Bariatric Surgery—A Systematic Review of Their Interrelation. <i>Nutrients</i> , 2020, 12, 2396. | 1.7 | 10 |
| 114 | Risk of acquisition of human diarrhoeagenic <i>Escherichia coli</i> virulence genes in intercontinental travellers: A prospective, multi-centre study. <i>Travel Medicine and Infectious Disease</i> , 2019, 31, 101362. | 1.5 | 9 |
| 115 | Combining HPAEC-PAD, PGC-LC-MS, and 1D ¹ H NMR to Investigate Metabolic Fates of Human Milk Oligosaccharides in 1-Month-Old Infants: a Pilot Study. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6495-6509. | 2.4 | 9 |
| 116 | Complex narratives of health, stigma and control: Antimicrobial resistance screening among non-hospitalized refugees. <i>Social Science and Medicine</i> , 2018, 212, 43-49. | 1.8 | 7 |
| 117 | Advanced data fusion: Random forest proximities and pseudo-sample principle towards increased prediction accuracy and variable interpretation. <i>Analytica Chimica Acta</i> , 2021, 1183, 339001. | 2.6 | 7 |
| 118 | Identification and Characterization of Human Observational Studies in Nutritional Epidemiology on Gut Microbiomics for Joint Data Analysis. <i>Nutrients</i> , 2021, 13, 3292. | 1.7 | 6 |
| 119 | The Role of Intestinal Microbiota in Metastatic Colorectal Cancer Patients Treated With Capecitabine. <i>Clinical Colorectal Cancer</i> , 2022, 21, e87-e97. | 1.0 | 6 |
| 120 | Characterization of Genetic Elements Carrying <i>mcr-1</i> Gene in <i>Escherichia coli</i> from the Community and Hospital Settings in Vietnam. <i>Microbiology Spectrum</i> , 2022, 10, e0135621. | 1.2 | 6 |
| 121 | Chapter 5 Early diet and the infant gut microbiome: how breastfeeding and solid foods shape the microbiome. , 2017, , 105-118. | | 5 |
| 122 | Practical and Robust NMR-Based Metabolic Phenotyping of Gut Health in Early Life. <i>Journal of Proteome Research</i> , 2021, 20, 5079-5087. | 1.8 | 5 |
| 123 | Metagenomic Profiling of Fecal-Derived Bacterial Membrane Vesicles in Crohn's Disease Patients. <i>Cells</i> , 2021, 10, 2795. | 1.8 | 5 |
| 124 | Can the composition of the intestinal microbiota predict the development of urinary tract infections?. <i>Future Microbiology</i> , 2016, 11, 1395-1404. | 1.0 | 4 |
| 125 | Hematopoietic <i>Npc1</i> mutation shifts gut microbiota composition in <i>Ldlr</i> ^{-/-} mice on a high-fat, high-cholesterol diet. <i>Scientific Reports</i> , 2019, 9, 14956. | 1.6 | 3 |
| 126 | Microbial Metabolism of Inflammatory Bowel Disease Drugs: Current Evidence and Clinical Implementations. <i>Gastroenterology</i> , 2022, 162, 4-8. | 0.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Cross-sectional study on surveillance of surgical site infections after vascular surgery. <i>Future Microbiology</i> , 2013, 8, 1373-1380. | 1.0 | 2 |
| 128 | Combining stool and stories: exploring antimicrobial resistance among a longitudinal cohort of international health students. <i>BMC Infectious Diseases</i> , 2021, 21, 1008. | 1.3 | 2 |
| 129 | Cross-Sectional Analysis of the Microbiota of Human Gut and Its Direct Environment in a Household Cohort with High Background of Antibiotic Use. <i>Microorganisms</i> , 2021, 9, 2115. | 1.6 | 2 |
| 130 | O070 : CX3CR1 is a gatekeeper for intestinal barrier integrity: Limiting steatohepatitis by promoting intestinal homeostasis. <i>Journal of Hepatology</i> , 2015, 62, S225. | 1.8 | 1 |
| 131 | Fecal carriage of <i>vanB</i> antibiotic resistance gene affects adipose tissue function under vancomycin use. <i>Gut Microbes</i> , 2022, 14, . | 4.3 | 1 |
| 132 | Reply to Vaidyanathan et al. <i>Spinal Cord</i> , 2004, 42, 661-661. | 0.9 | 0 |
| 133 | Asthma Gene Polymorphisms In Relation To Recurrent Wheezing In Preschool Children; The Adem Study. , 2011, , . | | 0 |
| 134 | 1098 Mucosal and Fecal Microbiota in Patients With Compensated and Decompensated Liver Cirrhosis. <i>Gastroenterology</i> , 2016, 150, S219-S220. | 0.6 | 0 |
| 135 | P858 Crohn's disease is characterised by a fungal dysbiosis. <i>Journal of Crohn's and Colitis</i> , 2018, 12, S550-S551. | 0.6 | 0 |
| 136 | LATE-BREAKING ABSTRACT: Mode of delivery and asthma at school age in nine European birth cohorts. , 2016, , . | | 0 |
| 137 | Gut microbiota in wheezing preschool children and the development of childhood asthma. , 2019, , . | | 0 |
| 138 | Gastrointestinale Mikrobiota, Probiotika, psychologische Zustände und Verhaltensweisen nach Adipositaschirurgie – Eine systematische Literaturübersicht über ihre Interaktionen. <i>Adipositas - Ursachen Folgeerkrankungen Therapie</i> , 2020, 14, . | 0.2 | 0 |