John Penders

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

 131
 8,831
 45
 93

 papers
 citations
 h-index
 g-index

 146
 10,865
 6.6
 5.96

 ext. papers
 ext. citations
 avg, IF
 L-index

#	Paper	IF	Citations
131	Characterization of Genetic Elements Carrying Gene in Escherichia coli from the Community and Hospital Settings in Vietnam <i>Microbiology Spectrum</i> , 2022 , e0135621	8.9	O
130	The Development of the Gut Microbiota in Childhood and Its Distortion by Lifestyle Changes 2022 , 197	'-219	
129	and provide resistance to travel-associated intestinal colonization by multi-drug resistant <i>Gut Microbes</i> , 2022 , 14, 2060676	8.8	1
128	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	6.3	1
127	Intestinal Microbiota in Postmenopausal Breast Cancer Patients and Controls Cancers, 2021, 13,	6.6	2
126	Gut microbiota and short-chain fatty acid alterations in cachectic cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	9
125	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,	4.9	1
124	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	3.7	3
123	Higher Prevalence of in Crohn's Disease Exacerbations and Strain-Dependent Increase of Epithelial Resistance. <i>Frontiers in Microbiology</i> , 2021 , 12, 598232	5.7	4
122	Destination shapes antibiotic resistance gene acquisitions, abundance increases, and diversity changes in Dutch travelers. <i>Genome Medicine</i> , 2021 , 13, 79	14.4	8
121	Combining HPAEC-PAD, PGC-LC-MS, and 1D 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	5.7	6
120	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	5.9	3
119	Infants' First Solid Foods: Impact on Gut Microbiota Development in Two Intercontinental Cohorts. <i>Nutrients</i> , 2021 , 13,	6.7	3
118	Gut microbiome stability and resilience: elucidating the response to perturbations in order to modulate gut health. <i>Gut</i> , 2021 , 70, 595-605	19.2	59
117	Inter-kingdom relationships in Crohn's disease explored using a multi-omics approach. <i>Gut Microbes</i> , 2021 , 13, 1930871	8.8	2
116	microViz: an R package for microbiome data visualization and statistics. <i>Journal of Open Source Software</i> , 2021 , 6, 3201	5.2	13
115	Does gut microbiota affect atrial rhythm? Causalities and speculations. <i>European Heart Journal</i> , 2021 , 42, 3521-3525	9.5	3

114	Gut microbiota, dysbiosis and atrial fibrillation. Arrhythmogenic mechanisms and potential clinical implications. <i>Cardiovascular Research</i> , 2021 ,	9.9	6
113	Microbial Metabolism of Inflammatory Bowel Disease Drugs: Current Evidence and Clinical Implementations. <i>Gastroenterology</i> , 2021 ,	13.3	2
112	Combining stool and stories: exploring antimicrobial resistance among a longitudinal cohort of international health students. <i>BMC Infectious Diseases</i> , 2021 , 21, 1008	4	O
111	Practical and Robust NMR-Based Metabolic Phenotyping of Gut Health in Early Life. <i>Journal of Proteome Research</i> , 2021 , 20, 5079-5087	5.6	O
110	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	6.6	O
109	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. Gastroenterology, 2020 , 158, 1584-1596	13.3	68
108	The cutaneous microbiome in hospitalized patients with pressure ulcers. <i>Scientific Reports</i> , 2020 , 10, 5963	4.9	10
107	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	8.4	6
106	Gut microbiota in wheezing preschool children and the association with childhood asthma. <i>Allergy:</i> European Journal of Allergy and Clinical Immunology, 2020 , 75, 1473-1476	9.3	8
105	Influence of probiotic supplementation on the developing microbiota in human preterm neonates. <i>Gut Microbes</i> , 2020 , 12, 1-16	8.8	11
104	How to Count Our Microbes? The Effect of Different Quantitative Microbiome Profiling Approaches. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 403	5.9	16
103	Bile acids drive the newborn's gut microbiota maturation. <i>Nature Communications</i> , 2020 , 11, 3692	17.4	42
102	Gut Microbiota, Probiotics and Psychological States and Behaviors after Bariatric Surgery-A Systematic Review of Their Interrelation. <i>Nutrients</i> , 2020 , 12,	6.7	4
101	The Clinical Link between Human Intestinal Microbiota and Systemic Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	24
100	The fecal and mucosal microbiome in acute appendicitis patients: an observational study. <i>Future Microbiology</i> , 2019 , 14, 111-127	2.9	11
99	Correlating Infant Faecal Microbiota Composition and Human Milk Oligosaccharide Consumption by Microbiota of One-Month Old Breastfed Infants. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801	21 4	48
98	Intestinal archaea inversely associated with childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2305-2307	11.5	10
97	Faecal Microbiota Dynamics and their Relation to Disease Course in Crohn's Disease. <i>Journal of Crohn</i> and Colitis, 2019 , 13, 1273-1282	1.5	21

96	The effect of prebiotic fortified infant formulas on microbiota composition and dynamics in early life. <i>Scientific Reports</i> , 2019 , 9, 2434	4.9	43
95	Carriage of Blastocystis spp. in travellers - A prospective longitudinal study. <i>Travel Medicine and Infectious Disease</i> , 2019 , 27, 87-91	8.4	9
94	Hematopoietic Npc1 mutation shifts gut microbiota composition in Ldlr mice on a high-fat, high-cholesterol diet. <i>Scientific Reports</i> , 2019 , 9, 14956	4.9	2
93	Stool Consistency: Looking Beyond the Bristol Stool Form Scale. <i>Journal of Neurogastroenterology and Motility</i> , 2019 , 25, 625	4.4	7
92	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	6.2	11
91	Risk of acquisition of human diarrhoeagenic Escherichia coli virulence genes in intercontinental travellers: A prospective, multi-centre study. <i>Travel Medicine and Infectious Disease</i> , 2019 , 31, 101362	8.4	7
90	Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. <i>Microbiome</i> , 2019 , 7, 2	16.6	82
89	Intestinal Microbiota Protects against MCD Diet-Induced Steatohepatitis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
88	Volatile metabolites in breath strongly correlate with gut microbiome in CD patients. <i>Analytica Chimica Acta</i> , 2018 , 1025, 1-11	6.6	40
87	The neonatal window of opportunity-early priming for life. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1212-1214	11.5	56
86	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-	17149	32
85	Complex narratives of health, stigma and control: Antimicrobial resistance screening among non-hospitalized refugees. <i>Social Science and Medicine</i> , 2018 , 212, 43-49	5.1	6
84	P858 Crohn disease is characterised by a fungal dysbiosis. <i>Journal of Crohnmand Colitis</i> , 2018 , 12, S550	- § 5551	
83	Gut Microbiota and Body Weight in School-Aged Children: The KOALA Birth Cohort Study. <i>Obesity</i> , 2018 , 26, 1767-1776	8	18
82	The Canmore Declaration: Statement of Principles for Planetary Health. <i>Challenges</i> , 2018 , 9, 31	3.4	41
81	Worldwide Variation in Human Milk Metabolome: Indicators of Breast Physiology and Maternal Lifestyle?. <i>Nutrients</i> , 2018 , 10,	6.7	47
80	Does a prenatal bacterial microbiota exist?. Mucosal Immunology, 2017, 10, 598-601	9.2	44
79	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	3	14

(2016-2017)

78	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	-1845	78
77	Mode of Delivery and Asthma at School Age in 9 European Birth Cohorts. <i>American Journal of Epidemiology</i> , 2017 , 185, 465-473	3.8	31
76	Towards standards for human fecal sample processing in metagenomic studies. <i>Nature Biotechnology</i> , 2017 , 35, 1069-1076	44.5	355
75	Gut microbiota composition strongly correlates to peripheral insulin sensitivity in obese men but not in women. <i>Beneficial Microbes</i> , 2017 , 8, 557-562	4.9	15
74	Influence of vitamin D on key bacterial taxa in infant microbiota in the KOALA Birth Cohort Study. <i>PLoS ONE</i> , 2017 , 12, e0188011	3.7	39
73	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	8.4	13
72	Global phylogenetic analysis of Escherichia coli and plasmids carrying the mcr-1 gene indicates bacterial diversity but plasmid restriction. <i>Scientific Reports</i> , 2017 , 7, 15364	4.9	128
71	Import and spread of extended-spectrum Elactamase-producing Enterobacteriaceae by international travellers (COMBAT study): a prospective, multicentre cohort study. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 78-85	25.5	238
70	Chapter 5 Early diet and the infant gut microbiome: how breastfeeding and solid foods shape the microbiome 2017 , 105-118		3
69	Gut Colonization by Methanogenic Archaea Is Associated with Organic Dairy Consumption in Children. <i>Frontiers in Microbiology</i> , 2017 , 8, 355	5.7	35
68	Detection of the plasmid-mediated colistin-resistance gene mcr-1 in faecal metagenomes of Dutch travellers. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 3416-3419	5.1	51
67	Early Life Antibiotic Exposure and Weight Development in Children. <i>Journal of Pediatrics</i> , 2016 , 176, 10)5 ₃ 1d 3.	e 3⁄ ₁
66	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	4.9	150
65	Can the composition of the intestinal microbiota predict the development of urinary tract infections?. <i>Future Microbiology</i> , 2016 , 11, 1395-1404	2.9	2
64	The fecal microbiota as a biomarker for disease activity in Crohn's disease. <i>Scientific Reports</i> , 2016 , 6, 35216	4.9	45
63	Composition and stability of intestinal microbiota of healthy children within a Dutch population. <i>FASEB Journal</i> , 2016 , 30, 1512-22	0.9	36
62	Dissemination of the mcr-1 colistin resistance gene. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 147-9	25.5	134
61	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	11.5	102

60	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, 7923	3 874	12
59	Dissemination of Antimicrobial Resistance in Microbial Ecosystems through Horizontal Gene Transfer. <i>Frontiers in Microbiology</i> , 2016 , 7, 173	5.7	595
58	Long-Term Green Tea Supplementation Does Not Change the Human Gut Microbiota. <i>PLoS ONE</i> , 2016 , 11, e0153134	3.7	49
57	Prolonged carriage and potential onward transmission of carbapenemase-producing Enterobacteriaceae in Dutch travelers. <i>Future Microbiology</i> , 2016 , 11, 857-64	2.9	38
56	The gut resistome is highly dynamic during the first months of life. Future Microbiology, 2016, 11, 501-1	02.9	12
55	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	7.8	42
54	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, 1113-20	3.6	16
53	The ATG16L1-T300A allele impairs clearance of pathosymbionts in the inflamed ileal mucosa of Crohn's disease patients. <i>Gut</i> , 2015 , 64, 1546-52	19.2	65
52	Gut colonization with methanobrevibacter smithii is associated with childhood weight development. <i>Obesity</i> , 2015 , 23, 2508-16	8	35
51	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, 240-51		48
50	CX3CR1 is a gatekeeper for intestinal barrier integrity in mice: Limiting steatohepatitis by maintaining intestinal homeostasis. <i>Hepatology</i> , 2015 , 62, 1405-16	11.2	61
49	The effect of sampling and storage on the fecal microbiota composition in healthy and diseased subjects. <i>PLoS ONE</i> , 2015 , 10, e0126685	3.7	110
48	Intestinal microbiota and diet in IBS: causes, consequences, or epiphenomena?. <i>American Journal of Gastroenterology</i> , 2015 , 110, 278-87	0.7	225
47	The intestinal microbiota composition and weight development in children: the KOALA Birth Cohort Study. <i>International Journal of Obesity</i> , 2015 , 39, 16-25	5.5	85
46	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	3.7	14
45	Integrative genomic analysis identifies a role for intercellular adhesion molecule 1 in childhood asthma. <i>Pediatric Allergy and Immunology</i> , 2014 , 25, 166-72	4.2	15
44	The Carriage Of Multiresistant Bacteria After Travel (COMBAT) prospective cohort study: methodology and design. <i>BMC Public Health</i> , 2014 , 14, 410	4.1	25
43	Relationship between physical activity and the development of body mass index in children. Medicine and Science in Sports and Exercise, 2014, 46, 177-84	1.2	22

(2011-2014)

42	Fecal microbial composition of ulcerative colitis and Crohn's disease patients in remission and subsequent exacerbation. <i>PLoS ONE</i> , 2014 , 9, e90981	3.7	76
41	New insights into the hygiene hypothesis in allergic diseases: mediation of sibling and birth mode effects by the gut microbiota. <i>Gut Microbes</i> , 2014 , 5, 239-44	8.8	53
40	High rates of antimicrobial drug resistance gene acquisition after international travel, The Netherlands. <i>Emerging Infectious Diseases</i> , 2014 , 20, 649-57	10.2	97
39	Maternal smoking during pregnancy and childhood overweight and fat distribution: the KOALA Birth Cohort Study. <i>Pediatric Obesity</i> , 2014 , 9, e14-25	4.6	29
38	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.e1-4	11.5	50
37	Enteropathogenic viruses: triggers for exacerbation in IBD? A prospective cohort study using real-time quantitative polymerase chain reaction. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 124-31	4.5	21
36	Establishment of the intestinal microbiota and its role for atopic dermatitis in early childhood. Journal of Allergy and Clinical Immunology, 2013 , 132, 601-607.e8	11.5	201
35	Cross-sectional study on surveillance of surgical site infections after vascular surgery. <i>Future Microbiology</i> , 2013 , 8, 1373-80	2.9	2
34	Is clostridium difficile 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, 2125-31	4.5	24
33	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	3.7	13
32	The human microbiome as a reservoir of antimicrobial resistance. Frontiers in Microbiology, 2013, 4, 87	5.7	153
31	The importance of gender-stratified antibiotic resistance surveillance of unselected uropathogens: a Dutch Nationwide Extramural Surveillance study. <i>PLoS ONE</i> , 2013 , 8, e60497	3.7	15
30	Predictive value of Escherichia coli susceptibility in strains causing asymptomatic bacteriuria for women with recurrent symptomatic urinary tract infections receiving prophylaxis. <i>Clinical Microbiology and Infection</i> , 2012 , 18, E84-90	9.5	14
29	Probiotics in the management of inflammatory bowel disease: a systematic review of intervention studies in adult patients. <i>Drugs</i> , 2012 , 72, 803-23	12.1	156
28	Protocadherin-1 polymorphisms are associated with eczema in two Dutch birth cohorts. <i>Pediatric Allergy and Immunology</i> , 2012 , 23, 270-7	4.2	11
27	Is microscopic colitis a drug-induced disease?. Journal of Clinical Gastroenterology, 2012, 46, 811-22	3	44
26	Mode and place of delivery, gastrointestinal microbiota, and their influence on asthma and atopy. Journal of Allergy and Clinical Immunology, 2011 , 128, 948-55.e1-3	11.5	331
25	Folic acid use in pregnancy and the development of atopy, asthma, and lung function in childhood. <i>Pediatrics</i> , 2011 , 128, e135-44	7.4	85

24	Maternal fatty acid status in pregnancy and childhood atopic manifestations: KOALA Birth Cohort Study. <i>Clinical and Experimental Allergy</i> , 2011 , 41, 407-16	4.1	52
23	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, 474-80	7.3	39
22	Infant antibiotic use and wheeze and asthma risk: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2011 , 38, 295-302	13.6	98
21	Timing of infection and development of wheeze, eczema, and atopic sensitization during the first 2 yr of life: the KOALA Birth Cohort Study. <i>Pediatric Allergy and Immunology</i> , 2010 , 21, 983-9	4.2	19
20	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	2.9	28
19	Host-microbial interactions in childhood atopy: toll-like receptor 4 (TLR4), CD14, and fecal Escherichia coli. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 231-6.e1-5	11.5	29
18	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, 261-5	14.3	44
17	Toxigenic and non-toxigenic Clostridium difficile: determinants of intestinal colonisation and role in childhood atopic manifestations. <i>Gut</i> , 2008 , 57, 1025-6	19.2	13
16	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	3.6	90
15	The role of the intestinal microbiota in the development of atopic disorders. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007 , 62, 1223-36	9.3	293
14	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, 347-51, 351.e1-2	3.6	50
13	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, e225-31	7.4	112
12	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, e137-41	7.4	24
11	Gut microbiota composition and development of atopic manifestations in infancy: the KOALA Birth Cohort Study. <i>Gut</i> , 2007 , 56, 661-7	19.2	526
10	Factors influencing the composition of the intestinal microbiota in early infancy. <i>Pediatrics</i> , 2006 , 118, 511-21	7.4	1557
9	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, 1602-8	4.1	108
8	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, 1609-15	4.1	64
7	Quantification of Bifidobacterium spp., Escherichia coli and Clostridium difficile in faecal samples of breast-fed and formula-fed infants by real-time PCR. <i>FEMS Microbiology Letters</i> , 2005 , 243, 141-7	2.9	295

LIST OF PUBLICATIONS

6	Etiology of atopy in infancy: the KOALA Birth Cohort Study. <i>Pediatric Allergy and Immunology</i> , 2005 , 16, 679-84	4.2	102
5	Reply to Vaidyanathan et al. <i>Spinal Cord</i> , 2004 , 42, 661-661	2.7	
4	Urinary infections in patients with spinal cord injury. Spinal Cord, 2003, 41, 549-52	2.7	27
3	Inhibition of human glutathione S-transferase P1-1 by tocopherols and alpha-tocopherol derivatives. <i>BBA - Proteins and Proteomics</i> , 2001 , 1548, 23-8		20
2	Higher prevalence of Bacteroides fragilis in Crohn disease exacerbations and strain-dependent increase of epithelial resistance		1
1	Global phylogenetic analysis of Escherichia coli and plasmids carrying the mcr-1 gene indicates bacterial diversity but plasmid restriction		2