Christopher J Stewart

List of Publications by Year
in descending order

97	5,763	126907	85541
papers	citations	33 h-index	71 g-index

105	105	105	7785
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temporal development of the gut microbiome in early childhood from the TEDDY study. Nature, 2018, 562, 583-588.	27.8	1,220
2	The human gut microbiome in early-onset type 1 diabetes from the TEDDY study. Nature, 2018, 562, 589-594.	27.8	623
3	The gut mycobiome of the Human Microbiome Project healthy cohort. Microbiome, 2017, 5, 153.	11.1	609
4	Longitudinal development of the gut microbiome and metabolome in preterm neonates with late onset sepsis and healthy controls. Microbiome, 2017, 5, 75.	11.1	206
5	Investigating Colonization of the Healthy Adult Gastrointestinal Tract by Fungi. MSphere, 2018, 3, .	2.9	173
6	The preterm gut microbiota: changes associated with necrotizing enterocolitis and infection. Acta Paediatrica, International Journal of Paediatrics, 2012, 101, 1121-1127.	1.5	141
7	Temporal bacterial and metabolic development of the preterm gut reveals specific signatures in health and disease. Microbiome, 2016, 4, 67.	11.1	135
8	Human milk oligosaccharides, milk microbiome and infant gut microbiome modulate neonatal rotavirus infection. Nature Communications, 2018, 9, 5010.	12.8	130
9	Development of the Preterm Gut Microbiome in Twins at Risk of Necrotising Enterocolitis and Sepsis. PLoS ONE, 2013, 8, e73465.	2.5	114
10	Associations of Nasopharyngeal Metabolome and Microbiome with Severity among Infants with Bronchiolitis. A Multiomic Analysis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 882-891.	5.6	113
11	Human milk oligosaccharide DSLNT and gut microbiome in preterm infants predicts necrotising enterocolitis. Gut, 2021, 70, 2273-2282.	12.1	110
12	Lactoferrin: Antimicrobial activity and therapeutic potential. Seminars in Fetal and Neonatal Medicine, 2013, 18, 143-149.	2.3	104
13	Effects of tobacco smoke and electronic cigarette vapor exposure on the oral and gut microbiota in humans: a pilot study. PeerJ, 2018, 6, e4693.	2.0	84
14	Prominent members of the human gut microbiota express endo-acting O-glycanases to initiate mucin breakdown. Nature Communications, 2020, 11, 4017.	12.8	81
15	Gut microbiota in preterm infants: assessment and relevance to health and disease. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2013, 98, F286-F290.	2.8	79
16	Routine Use of Probiotics in Preterm Infants: Longitudinal Impact on the Microbiome and Metabolome. Neonatology, 2016, 109, 239-247.	2.0	76
17	Gut Microbiota and Lifestyle Interventions in NAFLD. International Journal of Molecular Sciences, 2016, 17, 447.	4.1	75
18	Systematic review assessing the effectiveness of dietary intervention on gut microbiota in adults with type 2 diabetes. Diabetologia, 2018, 61, 1700-1711.	6.3	74

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19	Maternal breastmilk, infant gut microbiome and the impact on preterm infant health. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 450-457.	1.5	67
20	Bacterial and fungal viability in the preterm gut: NEC and sepsis. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2013, 98, F298-F303.	2.8	61
21	Metabolomic and proteomic analysis of serum from preterm infants with necrotising entercolitis and late-onset sepsis. Pediatric Research, 2016, 79, 425-431.	2.3	60
22	Altered Fecal Microbiome Years after Traumatic Brain Injury. Journal of Neurotrauma, 2020, 37, 1037-1051.	3.4	60
23	The neonatal bowel microbiome in health and infection. Current Opinion in Infectious Diseases, 2014, 27, 236-243.	3.1	59
24	Bacteroides ovatus ATCC 8483 monotherapy is superior to traditional fecal transplant and multi-strain bacteriotherapy in a murine colitis model. Gut Microbes, 2019, 10, 504-520.	9.8	59
25	Polymicrobial airway bacterial communities in adult bronchiectasis patients. BMC Microbiology, 2014, 14, 130.	3.3	50
26	Microbiological profiles of sputum and gastric juice aspirates in Cystic Fibrosis patients. Scientific Reports, 2016, 6, 26985.	3.3	50
27	Mechanisms Affecting the Gut of Preterm Infants in Enteral Feeding Trials. Frontiers in Nutrition, 2017, 4, 14.	3.7	50
28	Respiratory Syncytial Virus and Rhinovirus Bronchiolitis Are Associated With Distinct Metabolic Pathways. Journal of Infectious Diseases, 2018, 217, 1160-1169.	4.0	50
29	Increased Moraxella and Streptococcus species abundance after severe bronchiolitis is associated with recurrent wheezing. Journal of Allergy and Clinical Immunology, 2020, 145, 518-527.e8.	2.9	50
30	The role of the preterm intestinal microbiome in sepsis and necrotising enterocolitis. Early Human Development, 2019, 138, 104854.	1.8	48
31	Cesarean or Vaginal Birth Does Not Impact the Longitudinal Development of the Gut Microbiome in a Cohort of Exclusively Preterm Infants. Frontiers in Microbiology, 2017, 8, 1008.	3.5	46
32	Gut microbiota of Type 1 diabetes patients with good glycaemic control and high physical fitness is similar to people without diabetes: an observational study. Diabetic Medicine, 2017, 34, 127-134.	2.3	45
33	Preterm gut microbiota and metabolome following discharge from intensive care. Scientific Reports, 2015, 5, 17141.	3.3	39
34	Untangling human milk oligosaccharides and infant gut microbiome. IScience, 2022, 25, 103542.	4.1	39
35	Insular resting state functional connectivity is associated with gut microbiota diversity. European Journal of Neuroscience, 2019, 50, 2446-2452.	2.6	35
36	Cutaneous immuneâ€related adverse events in patients with melanoma treated with checkpoint inhibitors. British Journal of Dermatology, 2021, 185, 263-271.	1.5	35

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37	Una destinatio, viae diversae. EMBO Reports, 2016, 17, 1679-1684.	4.5	34
38	Effect of crop management and sample year on abundance of soil bacterial communities in organic and conventional cropping systems. Journal of Applied Microbiology, 2015, 119, 208-214.	3.1	33
39	Changes in stool frequency following chicory inulin consumption, and effects on stool consistency, quality of life and composition of gut microbiota. Food Hydrocolloids, 2019, 96, 688-698.	10.7	33
40	Relationships Between Perinatal Interventions, Maternal-Infant Microbiomes, and Neonatal Outcomes. Clinics in Perinatology, 2018, 45, 339-355.	2.1	29
41	Impact of Age-Related Mitochondrial Dysfunction and Exercise on Intestinal Microbiota Composition. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 571-578.	3.6	28
42	Changes in Faecal Microbiota Profiles Associated With Performance and Birthweight of Piglets. Frontiers in Microbiology, 2020, 11, 917.	3.5	28
43	Detecting specific infections in children through host responses. Current Opinion in Infectious Diseases, 2014, 27, 228-235.	3.1	27
44	Serum Metabolome Is Associated With the Nasopharyngeal Microbiota and Disease Severity Among Infants With Bronchiolitis. Journal of Infectious Diseases, 2019, 219, 2005-2014.	4.0	24
45	Using formalin fixed paraffin embedded tissue to characterize the preterm gut microbiota in necrotising enterocolitis and spontaneous isolated perforation using marginal and diseased tissue. BMC Microbiology, 2019, 19, 52.	3.3	24
46	Sphingolipid metabolism potential in fecal microbiome and bronchiolitis in infants: a caseâ€“control study. BMC Research Notes, 2017, 10, 325.	1.4	22
47	The Impact of NOD2 Genetic Variants on the Gut Mycobiota in Crohnâ€™s Disease Patients in Remission and in Individuals Without Gastrointestinal Inflammation. Journal of Crohn's and Colitis, 2021, 15, 800-812.	1.3	22
48	Development of the gut microbiome in early life. Experimental Physiology, 2022, 107, 415-421.	2.0	21
49	Establishing Human Intestinal Enteroid/Organoid Lines from Preterm Infant and Adult Tissue. Methods in Molecular Biology, 2020, 2121, 185-198.	0.9	20
50	Effects of long-term weekly iron and folic acid supplementation on lower genital tract infection â€“ a double blind, randomised controlled trial in Burkina Faso. BMC Medicine, 2017, 15, 206.	5.5	19
51	Gut microbiome variations during hematopoietic stem cell transplant in severe combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2015, 135, 1654-1656.e2.	2.9	18
52	Stool bacterial load in preterm infants with necrotising enterocolitis. Early Human Development, 2016, 95, 1-2.	1.8	18
53	Thirdhand smoke associations with the gut microbiomes of infants admitted to a neonatal intensive care unit: An observational study. Environmental Research, 2021, 197, 111180.	7.5	15
54	Mucosal lactoferrin response to genital tract infections is associated with iron and nutritional biomarkers in young BurkinabÃ© women. European Journal of Clinical Nutrition, 2019, 73, 1464-1472.	2.9	14

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55	Association of respiratory viruses with serum metabolome in infants with severe bronchiolitis. Pediatric Allergy and Immunology, 2019, 30, 848-851.	2.6	14
56	Whole beetroot consumption reduces systolic blood pressure and modulates diversity and composition of the gut microbiota in older participants. NFS Journal, 2020, 21, 28-37.	4.3	14
57	Impact of Early Life Antibiotic Exposure and Neonatal Hyperoxia on the Murine Microbiome and Lung Injury. Scientific Reports, 2019, 9, 14992.	3.3	13
58	Stem cellâ€derived enteroid cultures as a tool for dissecting hostâ€parasite interactions in the small intestinal epithelium. Parasite Immunology, 2021, 43, e12765.	1.5	13
59	Shifting sows: longitudinal changes in the periparturient faecal microbiota of primiparous and multiparous sows. Animal, 2021, 15, 100135.	3.3	13
60	Use of omic technologies in early life gastrointestinal health and disease: from bench to bedside. Expert Review of Proteomics, 2021, 18, 247-259.	3.0	13
61	Temporal changes in gastrointestinal fungi and the risk of autoimmunity during early childhood: the TEDDY study. Nature Communications, 2022, 13, .	12.8	13
62	Cytomegalovirus and other common enteric viruses are not commonly associated with NEC. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 50-52.	1.5	12
63	Circulating 25â€hydroxyvitamin D, nasopharyngeal airway metabolome, and bronchiolitis severity. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1135-1140.	5.7	12
64	Gut bacteria and necrotizing enterocolitis: cause or effect?. Trends in Microbiology, 2015, 23, 332-333.	7.7	10
65	Endoscopic ultrasound (EUS)-guided fine needle biopsy (FNB) formalin fixed paraffin-embedded (FFPE) pancreatic tissue samples are a potential resource for microbiota analysis. Gut, 2021, 70, 999-1001.	12.1	10
66	Distinct gene expression profiles between human preterm-derived and adult-derived intestinal organoids exposed toEnterococcus faecalis: a pilot study. Gut, 2022, 71, 2141-2143.	12.1	10
67	Breastfeeding promotes bifidobacterial immunomodulatory metabolites. Nature Microbiology, 2021, 6, 1335-1336.	13.3	9
68	Functional changes in gut microbiota during hematopoietic stem cell transplantation for severe combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2016, 138, 622-625.e3.	2.9	8
69	Conditional postnatal deletion of the neonatal murine hepatic circadian gene, Npas2, alters the gut microbiome following restricted feeding. American Journal of Obstetrics and Gynecology, 2017, 217, 218.e1-218.e15.	1.3	8
70	Exploring functional metabolites in preterm infants. Acta Paediatrica, International Journal of Paediatrics, 2022, 111, 45-53.	1.5	8
71	Serum 25â€hydroxyvitamin D, metabolome, and bronchiolitis severity among infantsâ€”A multicenter cohort study. Pediatric Allergy and Immunology, 2018, 29, 441-445.	2.6	7
72	The Stool Volatile Metabolome of Pre-Term Babies. Molecules, 2021, 26, 3341.	3.8	7

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73	Secretory immunoglobulin A in preterm infants: determination of normal values in breast milk and stool. Pediatric Research, 2022, 92, 979-986.	2.3	7
74	Diet Patterns, the Gut Microbiome, and Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2022, 88, 933-941.	2.6	7
75	Lactoferrin impact on gut microbiota in preterm infants with late-onset sepsis or necrotising enterocolitis: the MAGPIE mechanisms of action study. Efficacy and Mechanism Evaluation, 2021, 8, 1-88.	0.7	6
76	An Observational Cohort Study and Nested Randomized Controlled Trial on Nutrition and Growth Outcomes in Moderate and Late Preterm Infants (FLAMINGO). Frontiers in Nutrition, 2021, 8, 561419.	3.7	5
77	Proportionate Reduction in Uncertainty of Late Onset Infection in Pre-term Infants by Neutrophil CD64 Measurement. Fetal and Pediatric Pathology, 2014, 33, 16-22.	0.7	4
78	Targeting Leukocyte Trafficking in Inflammatory Bowel Disease. BioDrugs, 2021, 35, 473-503.	4.6	4
79	Microbiome and paediatric gut diseases. Archives of Disease in Childhood, 2022, 107, 784-789.	1.9	4
80	Homing in on 12,13-diHOME in asthma. Nature Microbiology, 2019, 4, 1774-1775.	13.3	3
81	Elastic, geo-distributed RAFT. , 2019, , .		3
82	SoftwarePilot: Fully Autonomous Aerial Systems Made Easier. , 2020, , .		3
83	Using faecal immunochemical test (FIT) undertaken in a national screening programme for large-scale gut microbiota analysis. Gut, 2021, 70, gutjnl-2020-321594.	12.1	3
84	Integrating longitudinal clinical and microbiome data to predict growth faltering in preterm infants. Journal of Biomedical Informatics, 2022, 128, 104031.	4.3	3
85	695: Visualization of intact placental microbes in both term and preterm births. American Journal of Obstetrics and Gynecology, 2018, 218, S417-S418.	1.3	2
86	The <scp>COLOâ€COHORT</scp> (Colorectal Cancer Cohort) study: Protocol for a multiâ€centre, observational research study and development of a consentâ€forâ€contact research platform. Colorectal Disease, 2022, 24, 1216-1226.	1.4	2
87	Brief guide to the analysis, interpretation and presentation of microbiota data. Archives of Disease in Childhood: Education and Practice Edition, 2018, 103, edpract-2017-313838.	0.5	1
88	Microbiota Analysis Using Sequencing by Synthesis: From Library Preparation to Sequencing. Methods in Molecular Biology, 2020, 2121, 165-184.	0.9	1
89	Importance of the Gut Microbiome in Preterm Infants. Nestle Nutrition Institute Workshop Series, 2022, 96, 141-148.	0.1	1
90	303: Metabolite changes in second trimester amniotic fluid are predicative of spontaneous preterm birth in a pilot study of at risk patients. American Journal of Obstetrics and Gynecology, 2017, 216, S186.	1.3	0

#	Article	IF	Citations
91	22: The hepatic expressed circadian gene, npas2, influences the developing got microbiome with restricted feeding. American Journal of Obstetrics and Gynecology, 2017, 216, S16.	1.3	0
92	The hepatic expressed circadian gene Npas2 influences the metabolic response to a restricted feeding diet and the developing gut microbiome. Fertility and Sterility, 2017, 108, e254-e255.	1.0	0
93	Tu1847 - Bacteroides Ovatus Monotherapy is Sufficient to Suppress Intestinal Inflammation in a Murine Colitis Model. Gastroenterology, 2018, 154, S-1036-S-1037.	1.3	0
94	The Microbiome, Metabolome, and Proteome in Preterm Neonatal Sepsis. , 2019, , 279-285.		0
95	P304â€...Using Faecal Immunochemical Tests (FIT) for large-scale gut microbiota analysis. , 2021, , .		0
96	Early Gut Microbiome and Polymicrobial Infection. , 2013, , 1-9.		0
97	Diet Patterns, the Gut Microbiome, and Alzheimerâ€™s Disease. Advances in Alzheimer's Disease, 2022, , .	0.2	0