

# Corinna Bang

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

3,102  
citations

279798

23  
h-index

189892

50  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021, 53, 156-165.	21.4	676
2	Obese Individuals with and without Type 2 Diabetes Show Different Gut Microbial Functional Capacity and Composition. <i>Cell Host and Microbe</i> , 2019, 26, 252-264.e10.	11.0	274
3	Archaea Are Interactive Components of Complex Microbiomes. <i>Trends in Microbiology</i> , 2018, 26, 70-85.	7.7	203
4	Metaorganisms in extreme environments: do microbes play a role in organismal adaptation?. <i>Zoology</i> , 2018, 127, 1-19.	1.2	194
5	First Insights into the Diverse Human Archaeome: Specific Detection of Archaea in the Gastrointestinal Tract, Lung, and Nose and on Skin. <i>MBio</i> , 2017, 8, .	4.1	169
6	The Intestinal Archaea <i>Methanosphaera stadtmanae</i> and <i>Methanobrevibacter smithii</i> Activate Human Dendritic Cells. <i>PLoS ONE</i> , 2014, 9, e99411.	2.5	127
7	Genome-wide association study in 8,956 German individuals identifies influence of ABO histo-blood groups on gut microbiome. <i>Nature Genetics</i> , 2021, 53, 147-155.	21.4	101
8	Long-term instability of the intestinal microbiome is associated with metabolic liver disease, low microbiota diversity, diabetes mellitus and impaired exocrine pancreatic function. <i>Gut</i> , 2021, 70, 522-530.	12.1	96
9	Archaea associated with human surfaces: not to be underestimated. <i>FEMS Microbiology Reviews</i> , 2015, 39, 631-648.	8.6	88
10	A structured weight loss program increases gut microbiota phylogenetic diversity and reduces levels of <i>Collinsella</i> in obese type 2 diabetics: A pilot study. <i>PLoS ONE</i> , 2019, 14, e0219489.	2.5	82
11	Alterations of the bile microbiome in primary sclerosing cholangitis. <i>Gut</i> , 2020, 69, 665-672.	12.1	80
12	The Human-Associated Archaeon <i>Methanosphaera stadtmanae</i> Is Recognized through Its RNA and Induces TLR8-Dependent NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2017, 8, 1535.	4.8	76
13	Altered Gut Microbial Metabolism of Essential Nutrients in Primary Sclerosing Cholangitis. <i>Gastroenterology</i> , 2021, 160, 1784-1798.e0.	1.3	69
14	Consistent alterations in faecal microbiomes of patients with primary sclerosing cholangitis independent of associated colitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 50, 580-589.	3.7	67
15	The fecal mycobiome in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2022, 76, 788-799.	3.7	66
16	A disease-specific decline of the relative abundance of <i>Bifidobacterium</i> in patients with autoimmune hepatitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 51, 1417-1428.	3.7	55
17	<i>Helicobacter pylori</i> infection associates with fecal microbiota composition and diversity. <i>Scientific Reports</i> , 2019, 9, 20100.	3.3	49
18	The Gut Microbiome in Patients With Chronic Pancreatitis Is Characterized by Significant Dysbiosis and Overgrowth by Opportunistic Pathogens. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00232.	2.5	49

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19	Microbiomarkers in inflammatory bowel diseases: caveats come with caviar. <i>Gut</i> , 2017, 66, 1734-1738.	12.1	47
20	Archaea: forgotten players in the microbiome. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 459-468.	2.6	36
21	Histone variants in archaea and the evolution of combinatorial chromatin complexity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33384-33395.	7.1	34
22	Dysbiosis in the Gut Microbiota in Patients with Inflammatory Bowel Disease during Remission. <i>Microbiology Spectrum</i> , 2022, 10, e0061622.	3.0	34
23	Protective and aggressive bacterial subsets and metabolites modify hepatobiliary inflammation and fibrosis in a murine model of PSC. <i>Gut</i> , 2023, 72, 671-685.	12.1	30
24	Effects of Antimicrobial Peptides on Methanogenic Archaea. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4123-4130.	3.2	29
25	Faecal microbiota composition associates with abdominal pain in the general population. <i>Gut</i> , 2018, 67, gutjnl-2017-314792.	12.1	29
26	Biofilm formation of mucosa-associated methanoarchaeal strains. <i>Frontiers in Microbiology</i> , 2014, 5, 353.	3.5	27
27	Gut mycobiome of primary sclerosing cholangitis patients is characterised by an increase of <i>Trichocladium griseum</i> and <i>Candida</i> species. <i>Gut</i> , 2020, 69, 1890-1892.	12.1	25
28	Short-term physical exercise impacts on the human holobiont obtained by a randomised intervention study. <i>BMC Microbiology</i> , 2021, 21, 162.	3.3	24
29	Circulating microbiome in patients with portal hypertension. <i>Gut Microbes</i> , 2022, 14, 2029674.	9.8	22
30	The role of the gut microbiome in the association between habitual anthocyanin intake and visceral abdominal fat in population-level analysis. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 340-350.	4.7	21
31	Immunogenic properties of the human gut-associated archaeon <i>Methanomassiliicoccus luminyensis</i> and its susceptibility to antimicrobial peptides. <i>PLoS ONE</i> , 2017, 12, e0185919.	2.5	21
32	Motor, cognitive and mobility deficits in 1000 geriatric patients: protocol of a quantitative observational study before and after routine clinical geriatric treatment – the ComOn-study. <i>BMC Geriatrics</i> , 2020, 20, 45.	2.7	19
33	Carrying asymptomatic gallstones is not associated with changes in intestinal microbiota composition and diversity but cholecystectomy with significant dysbiosis. <i>Scientific Reports</i> , 2021, 11, 6677.	3.3	19
34	Primate phageomes are structured by superhost phylogeny and environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
35	Ecology impacts the decrease of <i>Spirochaetes</i> and <i>Prevotella</i> in the fecal gut microbiota of urban humans. <i>BMC Microbiology</i> , 2021, 21, 276.	3.3	16
36	Health- and disease-associated species clusters in complex natural biofilms determine the innate immune response in oral epithelial cells during biofilm maturation. <i>FEMS Microbiology Letters</i> , 2014, 360, 137-143.	1.8	14

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37	The Impact of Oral Sodium Chloride Supplementation on Thrive and the Intestinal Microbiome in Neonates With Small Bowel Ostomies: A Prospective Cohort Study. <i>Frontiers in Immunology</i> , 2020, 11, 1421.	4.8	14
38	IL-22 Paucity in APECED Is Associated With Mucosal and Microbial Alterations in Oral Cavity. <i>Frontiers in Immunology</i> , 2020, 11, 838.	4.8	14
39	Microbial Diversity and Abundance of <i>Parabacteroides</i> Mediate the Associations Between Higher Intake of Flavonoid-Rich Foods and Lower Blood Pressure. <i>Hypertension</i> , 2021, 78, 1016-1026.	2.7	14
40	Intestinal protozoan infections shape fecal bacterial microbiota in children from Guinea-Bissau. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009232.	3.0	11
41	NMR Metabolomics Reveal Urine Markers of Microbiome Diversity and Identify Benzoate Metabolism as a Mediator between High Microbial Alpha Diversity and Metabolic Health. <i>Metabolites</i> , 2022, 12, 308.	2.9	11
42	Normal gut microbiome in NMDA receptor encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, .	6.0	10
43	B-cell-depletion reverses dysbiosis of the microbiome in multiple sclerosis patients. <i>Scientific Reports</i> , 2022, 12, 3728.	3.3	10
44	Targeting the cytoplasmic polyadenylation element-binding protein CPEB4 protects against diet-induced obesity and microbiome dysbiosis. <i>Molecular Metabolism</i> , 2021, 54, 101388.	6.5	8
45	Minor compositional alterations in faecal microbiota after five weeks and five months storage at room temperature on filter papers. <i>Scientific Reports</i> , 2019, 9, 19008.	3.3	7
46	Bovine milk microbiota: Evaluation of different DNA extraction protocols for challenging samples. <i>MicrobiologyOpen</i> , 2022, 11, e1275.	3.0	6
47	Oral Immune Priming Treatment Alters Microbiome Composition in the Red Flour Beetle <i>Tribolium castaneum</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 793143.	3.5	5
48	Postprandial factor VII activation does not increase plasma concentrations of prothrombin fragment 1A+2 in patients with morbid obesity. <i>Thrombosis Research</i> , 2020, 196, 260-267.	1.7	3
49	Detection of Cancer Mutations by Urine Liquid Biopsy as a Potential Tool in the Clinical Management of Bladder Cancer Patients. <i>Cancers</i> , 2022, 14, 969.	3.7	2
50	Differential Effects of Obesity, Hyperlipidaemia, Dietary Intake and Physical Inactivity on Type I versus Type IV Allergies. <i>Nutrients</i> , 2022, 14, 2351.	4.1	1
51	High-fat meals do not affect thrombin formation and fibrin clot lysis in individuals with obesity during intentional weight loss. <i>Nutrition Research</i> , 2021, 97, 1-10.	2.9	0