

Deanna L Gibson

List of Publications by Citations

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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.

24
papers

5,785
citations

15
h-index

30
g-index

30
ext. papers

9,863
ext. citations

8
avg. IF

5.1
L-index

#	Paper	IF	Citations
24	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. <i>Nature Biotechnology</i> , 2019 , 37, 852-857	44.5	4050
23	Diet-induced dysbiosis of the intestinal microbiota and the effects on immunity and disease. <i>Nutrients</i> , 2012 , 4, 1095-119	6.7	417
22	Muc2 protects against lethal infectious colitis by disassociating pathogenic and commensal bacteria from the colonic mucosa. <i>PLoS Pathogens</i> , 2010 , 6, e1000902	7.6	386
21	Cardiorespiratory fitness as a predictor of intestinal microbial diversity and distinct metagenomic functions. <i>Microbiome</i> , 2016 , 4, 42	16.6	189
20	Fish oil attenuates omega-6 polyunsaturated fatty acid-induced dysbiosis and infectious colitis but impairs LPS dephosphorylation activity causing sepsis. <i>PLoS ONE</i> , 2013 , 8, e55468	3.7	132
19	Prolonged antibiotic treatment induces a diabetogenic intestinal microbiome that accelerates diabetes in NOD mice. <i>ISME Journal</i> , 2016 , 10, 321-32	11.9	107
18	Nonalcoholic Fatty Liver Disease, the Gut Microbiome, and Diet. <i>Advances in Nutrition</i> , 2017 , 8, 240-252	10	85
17	Clinical consequences of diet-induced dysbiosis. <i>Annals of Nutrition and Metabolism</i> , 2013 , 63 Suppl 2, 28-40	4.5	81
16	Interplay between intestinal alkaline phosphatase, diet, gut microbes and immunity. <i>World Journal of Gastroenterology</i> , 2014 , 20, 15650-6	5.6	70
15	Diets rich in n-6 PUFA induce intestinal microbial dysbiosis in aged mice. <i>British Journal of Nutrition</i> , 2013 , 110, 515-23	3.6	69
14	An Examination of Diet for the Maintenance of Remission in Inflammatory Bowel Disease. <i>Nutrients</i> , 2017 , 9,	6.7	45
13	Dietary Lipid Type, Rather Than Total Number of Calories, Alters Outcomes of Enteric Infection in Mice. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1846-56	7	29
12	Gut Mucosal Proteins and Bacteriome Are Shaped by the Saturation Index of Dietary Lipids. <i>Nutrients</i> , 2019 , 11,	6.7	28
11	Microencapsulating polymers for probiotics delivery systems: Preparation, characterization, and applications. <i>Food Hydrocolloids</i> , 2021 , 120, 106882	10.6	23
10	Connecting the Dots Between Inflammatory Bowel Disease and Metabolic Syndrome: A Focus on Gut-Derived Metabolites. <i>Nutrients</i> , 2020 , 12,	6.7	15
9	Nanomaterial-based encapsulation for controlled gastrointestinal delivery of viable probiotic bacteria. <i>Nanoscale Advances</i> , 2021 , 3, 2699-2709	5.1	12
8	Human behavior, not race or geography, is the strongest predictor of microbial succession in the gut bacteriome of infants. <i>Gut Microbes</i> , 2020 , 11, 1143-1171	8.8	8

7	Omega-3 polyunsaturated fatty acid supplementation during the pre and post-natal period: A meta-analysis and systematic review of randomized and semi-randomized controlled trials. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2016 , 5, 34-54	2.8	8
6	Dietary Fatty Acids and Host-Microbial Crosstalk in Neonatal Enteric Infection. <i>Nutrients</i> , 2019 , 11,	6.7	7
5	Physical Activity Shapes the Intestinal Microbiome and Immunity of Healthy Mice but Has No Protective Effects against Colitis in MUC2 Mice. <i>MSystems</i> , 2020 , 5,	7.6	5
4	Deletion of mucin 2 induces colitis with concomitant metabolic abnormalities in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G791-G803	5.1	2
3	Maternal Intake of Dietary Fat Pre-Programs Offspring's Gut Ecosystem Altering Colonization Resistance and Immunity to Infectious Colitis in Mice. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000635	5.9	1
2	Dietary fats modulate neuroinflammation in mucin 2 knock out mice model of spontaneous colitis.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1868, 166336	6.9	0
1	A Mediterranean-like fat blend protects against the development of severe colitis in the mucin-2 deficient murine model.. <i>Gut Microbes</i> , 2022 , 14, 2055441	8.8	0