

Deanna L Gibson

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

13,647
citations

430874

18
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

18497
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. <i>Nature Biotechnology</i> , 2019, 37, 852-857.	17.5	11,167
2	Diet-Induced Dysbiosis of the Intestinal Microbiota and the Effects on Immunity and Disease. <i>Nutrients</i> , 2012, 4, 1095-1119.	4.1	533
3	Muc2 Protects against Lethal Infectious Colitis by Disassociating Pathogenic and Commensal Bacteria from the Colonic Mucosa. <i>PLoS Pathogens</i> , 2010, 6, e1000902.	4.7	501
4	Cardiorespiratory fitness as a predictor of intestinal microbial diversity and distinct metagenomic functions. <i>Microbiome</i> , 2016, 4, 42.	11.1	301
5	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.	2.5	169
6	Prolonged antibiotic treatment induces a diabetogenic intestinal microbiome that accelerates diabetes in NOD mice. <i>ISME Journal</i> , 2016, 10, 321-332.	9.8	140
7	Nonalcoholic Fatty Liver Disease, the Gut Microbiome, and Diet. <i>Advances in Nutrition</i> , 2017, 8, 240-252.	6.4	125
8	Interplay between intestinal alkaline phosphatase, diet, gut microbes and immunity. <i>World Journal of Gastroenterology</i> , 2014, 20, 15650.	3.3	107
9	Clinical Consequences of Diet-Induced Dysbiosis. <i>Annals of Nutrition and Metabolism</i> , 2013, 63, 28-40.	1.9	100
10	Microencapsulating polymers for probiotics delivery systems: Preparation, characterization, and applications. <i>Food Hydrocolloids</i> , 2021, 120, 106882.	10.7	90
11	Diets rich in $n-6$ PUFA induce intestinal microbial dysbiosis in aged mice. <i>British Journal of Nutrition</i> , 2013, 110, 515-523.	2.3	84
12	An Examination of Diet for the Maintenance of Remission in Inflammatory Bowel Disease. <i>Nutrients</i> , 2017, 9, 259.	4.1	68
13	Gut Mucosal Proteins and Bacteriome Are Shaped by the Saturation Index of Dietary Lipids. <i>Nutrients</i> , 2019, 11, 418.	4.1	41
14	Connecting the Dots Between Inflammatory Bowel Disease and Metabolic Syndrome: A Focus on Gut-Derived Metabolites. <i>Nutrients</i> , 2020, 12, 1434.	4.1	39
15	Dietary Lipid Type, Rather Than Total Number of Calories, Alters Outcomes of Enteric Infection in Mice. <i>Journal of Infectious Diseases</i> , 2016, 213, 1846-1856.	4.0	35
16	Nanomaterial-based encapsulation for controlled gastrointestinal delivery of viable probiotic bacteria. <i>Nanoscale Advances</i> , 2021, 3, 2699-2709.	4.6	35
17	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.	9.8	23
18	Deletion of mucin 2 induces colitis with concomitant metabolic abnormalities in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G791-G803.	3.4	15

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19	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, .	3.8	13
20	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.	1.7	11
21	Metabolomics-Guided Hypothesis Generation for Mechanisms of Intestinal Protection by Live Biotherapeutic Products. <i>Biomolecules</i> , 2021, 11, 738.	4.0	11
22	Dietary Fatty Acids and Host-Microbial Crosstalk in Neonatal Enteric Infection. <i>Nutrients</i> , 2019, 11, 2064.	4.1	9
23	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.	9.8	4
24	The Effect of Vitamin D Supplementation on Serum 25-Hydroxy Vitamin D in the Patients Undergoing Bariatric Surgery: a Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Obesity Surgery</i> , 2022, 32, 3088-3103.	2.1	4
25	Maternal Intake of Dietary Fat Programs Offspring's Gut Ecosystem Altering Colonization Resistance and Immunity to Infectious Colitis in Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2000635.	3.3	2
26	Dietary fats modulate neuroinflammation in mucin 2 knock out mice model of spontaneous colitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166336.	3.8	2
27	Crohn's disease therapeutic dietary intervention (CD-TDI): study protocol for a randomised controlled trial. <i>BMJ Open Gastroenterology</i> , 2022, 9, e000841.	2.7	0