

Paul D Cotter

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.

355 papers	25,932 citations	80 h-index	150 g-index
475 ext. papers	31,918 ext. citations	6.5 avg, IF	7.41 L-index

#	Paper	IF	Citations
355	Identification of Gut Bacteria such as <i>Lactobacillus johnsonii</i> that Disseminate to Systemic Tissues of Wild Type and MyD88-/- Mice.. <i>Gut Microbes</i> , 2022 , 14, 2007743	8.8	1
354	An oxidation resistant pediocin PA-1 derivative and penocin A display effective anti- activity in a model human gut environment.. <i>Gut Microbes</i> , 2022 , 14, 2004071	8.8	1
353	Collateral Damage in the Human Gut Microbiome - Is Significantly Less Prevalent in an Antibiotic-Treated Adult Population Compared to Non-Antibiotic Treated Controls.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 822475	5.9	0
352	African fermented foods: overview, emerging benefits, and novel approaches to microbiome profiling.. <i>Npj Science of Food</i> , 2022 , 6, 15	6.3	6
351	Gut Steroids and Microbiota: Effect of Gonadectomy and Sex. <i>Biomolecules</i> , 2022 , 12, 767	5.9	0
350	Generation of Nonpolar Deletion Mutants in <i>Listeria monocytogenes</i> Using the "SOEing" Method. <i>Methods in Molecular Biology</i> , 2021 , 2220, 165-175	1.4	
349	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021 , 27, 1885-1892	50.5	19
348	Microbial colonization and resistome dynamics in food processing environments of a newly opened pork cutting industry during 1.5 years of activity. <i>Microbiome</i> , 2021 , 9, 204	16.6	1
347	Outbreak of acute larval cyathostomiasis - A "perfect storm" of inflammation and dysbiosis. <i>Equine Veterinary Journal</i> , 2021 , 53, 727-739	2.4	4
346	Bio-Engineered Nisin with Increased Anti- and Selectively Reduced Anti- Activity for Treatment of Bovine Mastitis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
345	Assessing the ability of nisin A and derivatives thereof to inhibit gram-negative bacteria from the genus <i>Thermus</i> . <i>Journal of Dairy Science</i> , 2021 , 104, 2632-2640	4	0
344	Porcine reproductive and respiratory syndrome virus impacts on gut microbiome in a strain virulence-dependent fashion. <i>Microbial Biotechnology</i> , 2021 ,	6.3	4
343	Colonic Gene Expression and Fecal Microbiota in Diarrhea-predominant Irritable Bowel Syndrome: Increased Toll-like Receptor 4 but Minimal Inflammation and no Response to Mesalazine. <i>Journal of Neurogastroenterology and Motility</i> , 2021 , 27, 279-291	4.4	0
342	Depletion of the gut microbiota differentially affects the impact of whey protein on high-fat diet-induced obesity and intestinal permeability. <i>Physiological Reports</i> , 2021 , 9, e14867	2.6	3
341	Drainage class and soil phosphorus availability shape microbial communities in Irish grasslands. <i>European Journal of Soil Biology</i> , 2021 , 104, 103297	2.9	0
340	MAP, Johne's disease and the microbiome; current knowledge and future considerations. <i>Animal Microbiome</i> , 2021 , 3, 34	4.1	1
339	Protein quality and quantity influence the effect of dietary fat on weight gain and tissue partitioning via host-microbiota changes. <i>Cell Reports</i> , 2021 , 35, 109093	10.6	1

338	A Multiomic Approach to Investigate the Effects of a Weight Loss Program on the Intestinal Health of Overweight Horses. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 668120	3.1	1
337	C-protein E antigen modulates the antibiotic resistance in <i>Streptococcus agalactiae</i> . <i>Antonie Van Leeuwenhoek</i> , 2021 , 114, 1595-1607	2.1	
336	Next Generation Sequencing Methods: Pushing the Boundaries 2021 , 19-46		
335	Kefir microbial composition is a deciding factor in the physiological impact of kefir in a mouse model of obesity. <i>British Journal of Nutrition</i> , 2021 , 125, 129-138	3.6	10
334	Environmental microbiome mapping as a strategy to improve quality and safety in the food industry. <i>Current Opinion in Food Science</i> , 2021 , 38, 168-176	9.8	13
333	The effects of sustained fitness improvement on the gut microbiome: A longitudinal, repeated measures case-study approach. <i>Translational Sports Medicine</i> , 2021 , 4, 174-192	1.3	6
332	Bacteriocins as a new generation of antimicrobials: toxicity aspects and regulations. <i>FEMS Microbiology Reviews</i> , 2021 , 45,	15.1	79
331	The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on fermented foods. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , 18, 196-208	24.2	90
330	The microbiome of deep-sea fish reveals new microbial species and a sparsity of antibiotic resistance genes. <i>Gut Microbes</i> , 2021 , 13, 1-13	8.8	3
329	High Throughput Sequencing for the Detection and Characterization of RNA Viruses. <i>Frontiers in Microbiology</i> , 2021 , 12, 621719	5.7	9
328	The Lung Microbiome in Young Children with Cystic Fibrosis: A Prospective Cohort Study. <i>Microorganisms</i> , 2021 , 9,	4.9	5
327	Microbiome-based environmental monitoring of a dairy processing facility highlights the challenges associated with low microbial-load samples. <i>Npj Science of Food</i> , 2021 , 5, 4	6.3	4
326	In vitro-in vivo Validation of Stimulatory Effect of Oat Ingredients on Lactobacilli. <i>Pathogens</i> , 2021 , 10,	4.5	3
325	Microbiota from young mice counteracts selective age-associated behavioral deficits. <i>Nature Aging</i> , 2021 , 1, 666-676		36
324	Relevance of organ(s)-on-a-chip systems to the investigation of food-gut microbiota-host interactions. <i>Critical Reviews in Microbiology</i> , 2021 , 1-26	7.8	5
323	Seasonality and Geography Have a Greater Influence than the Use of Chlorine-Based Cleaning Agents on the Microbiota of Bulk Tank Raw Milk. <i>Applied and Environmental Microbiology</i> , 2021 , 87, e0108121	4.8	2
322	Kefir ameliorates specific microbiota-gut-brain axis impairments in a mouse model relevant to autism spectrum disorder. <i>Brain, Behavior, and Immunity</i> , 2021 , 97, 119-134	16.6	5
321	Evaluation of methods for the reduction of contaminating host reads when performing shotgun metagenomic sequencing of the milk microbiome. <i>Scientific Reports</i> , 2020 , 10, 21665	4.9	6

320	Proficiency Testing of Metagenomics-Based Detection of Food-Borne Pathogens Using a Complex Artificial Sequencing Dataset. <i>Frontiers in Microbiology</i> , 2020 , 11, 575377	5.7	3
319	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020 , 30, 3761-3774.e6	6.3	36
318	Distinct actions of the fermented beverage kefir on host behaviour, immunity and microbiome gut-brain modules in the mouse. <i>Microbiome</i> , 2020 , 8, 67	16.6	23
317	Genotypic and Phenotypic Characterization of Fecal Isolates Suggests Plasticity to Adapt to Different Human Body Sites. <i>Frontiers in Microbiology</i> , 2020 , 11, 688	5.7	8
316	The probiotic LC-XCAL™ improves metabolic health in a diet-induced obesity mouse model without altering the microbiome. <i>Gut Microbes</i> , 2020 , 12, 1704141	8.8	3
315	Can a probiotic supplement in pregnancy result in transfer to the neonatal gut: A systematic review. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020 , 99, 1269-1277	3.8	3
314	Large-scale genome-wide analysis links lactic acid bacteria from food with the gut microbiome. <i>Nature Communications</i> , 2020 , 11, 2610	17.4	73
313	Maternal and infant factors that shape neonatal gut colonization by bacteria. <i>Expert Review of Gastroenterology and Hepatology</i> , 2020 , 14, 651-664	4.2	4
312	Health Benefits of Lactic Acid Bacteria (LAB) Fermentates. <i>Nutrients</i> , 2020 , 12,	6.7	67
311	Antifungal Peptides as Therapeutic Agents. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 1055.9	5.9	65
310	Production of multiple bacteriocins, including the novel bacteriocin gassericin M, by <i>Lactobacillus gasseri</i> LM19, a strain isolated from human milk. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 3869-3884	5.7	16
309	The association between the maternal diet and the maternal and infant gut microbiome: a systematic review. <i>British Journal of Nutrition</i> , 2020 , 1-29	3.6	28
308	The more we learn, the less we know: deciphering the link between human gut fusobacteria and colorectal cancer. <i>Digestive Medicine Research</i> , 2020 , 3, 21-21	0.3	2
307	Potential Use of Biotherapeutic Bacteria to Target Colorectal Cancer-Associated Taxa. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
306	First evidence of production of the lantibiotic nisin P. <i>Scientific Reports</i> , 2020 , 10, 3738	4.9	14
305	Instances of altered gut microbiomes among Irish cricketers over periods of travel in the lead up to the 2016 World Cup: A sequencing analysis. <i>Travel Medicine and Infectious Disease</i> , 2020 , 35, 101553	8.4	6
304	Antimicrobials for food and feed; a bacteriocin perspective. <i>Current Opinion in Biotechnology</i> , 2020 , 61, 160-167	11.4	71
303	Tracking the Dairy Microbiota from Farm Bulk Tank to Skimmed Milk Powder. <i>MSystems</i> , 2020 , 5,	7.6	21

302	Dairy Products and Dairy-Processing Environments as a Reservoir of Antibiotic Resistance and Quorum-Quenching Determinants as Revealed through Functional Metagenomics. <i>MSystems</i> , 2020 , 5,	7.6	8
301	Encapsulated cyclosporine does not change the composition of the human microbiota when assessed and. <i>Journal of Medical Microbiology</i> , 2020 , 69, 854-863	3.2	3
300	Fermented foods in a global age: East meets West. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020 , 19, 184-217	16.4	131
299	The impact of probiotic supplementation on metabolic health in healthy women of reproductive age: a systematic review. <i>Food and Function</i> , 2020 , 11, 10279-10289	6.1	0
298	Association of Habitual Dietary Fiber Intake and Fecal Microbiome Gene Abundance with Gastrointestinal Symptoms in an Irritable Bowel Syndrome Cohort. <i>Current Developments in Nutrition</i> , 2020 , 4, 1581-1581	0.4	78
297	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020 , 55, 102769	8.8	11
296	Metabolome-microbiome signatures in the fermented beverage, Kombucha. <i>International Journal of Food Microbiology</i> , 2020 , 333, 108778	5.8	35
295	Antimicrobial use and production system shape the fecal, environmental, and slurry resistomes of pig farms. <i>Microbiome</i> , 2020 , 8, 164	16.6	13
294	Shotgun sequencing of the vaginal microbiome reveals both a species and functional potential signature of preterm birth. <i>Npj Biofilms and Microbiomes</i> , 2020 , 6, 50	8.2	16
293	Metagenomics-Based Proficiency Test of Smoked Salmon Spiked with a Mock Community. <i>Microorganisms</i> , 2020 , 8,	4.9	1
292	Investigating the Role of Diet and Exercise in Gut Microbe-Host Cometabolism. <i>MSystems</i> , 2020 , 5,	7.6	4
291	Fermented-Food Metagenomics Reveals Substrate-Associated Differences in Taxonomy and Health-Associated and Antibiotic Resistance Determinants. <i>MSystems</i> , 2020 , 5,	7.6	23
290	Age- and duration-dependent effects of whey protein on high-fat diet-induced changes in body weight, lipid metabolism, and gut microbiota in mice. <i>Physiological Reports</i> , 2020 , 8, e14523	2.6	5
289	Gut microbes from the phylogenetically diverse genus and their various contributions to gut health. <i>Gut Microbes</i> , 2020 , 12, 1802866	8.8	49
288	Prebiotic administration modulates gut microbiota and faecal short-chain fatty acid concentrations but does not prevent chronic intermittent hypoxia-induced apnoea and hypertension in adult rats. <i>EBioMedicine</i> , 2020 , 59, 102968	8.8	7
287	Meta-analysis of cheese microbiomes highlights contributions to multiple aspects of quality. <i>Nature Food</i> , 2020 , 1, 500-510	14.4	19
286	Potential for enriching next-generation health-promoting gut bacteria through prebiotics and other dietary components. <i>Gut Microbes</i> , 2020 , 11, 1-20	8.8	86
285	Don't RiPP Into the Sactipeptides! 2020 , 65-87		

284	Distinct microbiome composition and metabolome exists across subgroups of elite Irish athletes. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 63-68	4.4	32
283	Cholestasis induced by bile duct ligation promotes changes in the intestinal microbiome in mice. <i>Scientific Reports</i> , 2019 , 9, 12324	4.9	12
282	Improvement of Feed Efficiency in Pigs through Microbial Modulation via Fecal Microbiota Transplantation in Sows and Dietary Supplementation of Inulin in Offspring. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	23
281	The Potential Impact of Probiotics on the Gut Microbiome of Athletes. <i>Nutrients</i> , 2019 , 11,	6.7	40
280	Short-term consumption of a high-fat diet increases host susceptibility to <i>Listeria monocytogenes</i> infection. <i>Microbiome</i> , 2019 , 7, 7	16.6	33
279	The effect of ovine milk fermentation on the antithrombotic properties of polar lipids. <i>Journal of Functional Foods</i> , 2019 , 54, 289-300	5.1	19
278	Porcine Feed Efficiency-Associated Intestinal Microbiota and Physiological Traits: Finding Consistent Cross-Locational Biomarkers for Residual Feed Intake. <i>MSystems</i> , 2019 , 4,	7.6	22
277	Analysis of Health Benefits Conferred by Species from Kefir. <i>Nutrients</i> , 2019 , 11,	6.7	56
276	<i>Brevibacillus laterosporus</i> strains BGSP7, BGSP9 and BGSP11 isolated from silage produce broad spectrum multi-antimicrobials. <i>PLoS ONE</i> , 2019 , 14, e0216773	3.7	12
275	Four men in a boat: Ultra-endurance exercise alters the gut microbiome. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 1059-1064	4.4	34
274	Influence of the Intestinal Microbiota on Colonization Resistance to and the Shedding Pattern of Naturally Exposed Pigs. <i>MSystems</i> , 2019 , 4,	7.6	21
273	Removal of adult cyathostomins alters faecal microbiota and promotes an inflammatory phenotype in horses. <i>International Journal for Parasitology</i> , 2019 , 49, 489-500	4.3	17
272	Diversity and composition of the gut microbiota of Atlantic salmon (<i>Salmo salar</i>) farmed in Irish waters. <i>Journal of Applied Microbiology</i> , 2019 , 127, 648-657	4.7	15
271	Dietary β -lactalbumin alters energy balance, gut microbiota composition and intestinal nutrient transporter expression in high-fat diet-fed mice. <i>British Journal of Nutrition</i> , 2019 , 121, 1097-1107	3.6	8
270	APC 678 Reduces Shedding of the Pathogen in a Murine Model. <i>Frontiers in Microbiology</i> , 2019 , 10, 273	5.7	6
269	The dynamics of the antibiotic resistome in the feces of freshly weaned pigs following therapeutic administration of oxytetracycline. <i>Scientific Reports</i> , 2019 , 9, 4062	4.9	17
268	Moderate-intensity aerobic and resistance exercise is safe and favorably influences body composition in patients with quiescent Inflammatory Bowel Disease: a randomized controlled cross-over trial. <i>BMC Gastroenterology</i> , 2019 , 19, 29	3	17
267	Caprine milk fermentation enhances the antithrombotic properties of cheese polar lipids. <i>Journal of Functional Foods</i> , 2019 , 61, 103507	5.1	6

266	Identification and characterisation of capidermicin, a novel bacteriocin produced by <i>Staphylococcus capitis</i> . <i>PLoS ONE</i> , 2019 , 14, e0223541	3.7	15
265	Metabolic phenotyping of the human microbiome. <i>F1000Research</i> , 2019 , 8,	3.6	4
264	Starter Cultures 2019 , 787-813		0
263	Genomics of Foodborne Microorganisms 2019 , 927-937		
262	The Human Mesenteric Lymph Node Microbiome Differentiates Between Crohn's Disease and Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2019 , 13, 58-66	1.5	37
261	The rumen microbiome: a crucial consideration when optimising milk and meat production and nitrogen utilisation efficiency. <i>Gut Microbes</i> , 2019 , 10, 115-132	8.8	79
260	Biofilms in Food Processing Environments: Challenges and Opportunities. <i>Annual Review of Food Science and Technology</i> , 2019 , 10, 173-195	14.7	67
259	Gut microbiota as a source of novel antimicrobials. <i>Gut Microbes</i> , 2019 , 10, 1-21	8.8	110
258	Bioengineering nisin to overcome the nisin resistance protein. <i>Molecular Microbiology</i> , 2019 , 111, 717-734	11.1	23
257	The microbiome of professional athletes differs from that of more sedentary subjects in composition and particularly at the functional metabolic level. <i>Gut</i> , 2018 , 67, 625-633	19.2	200
256	Fighting biofilms with lantibiotics and other groups of bacteriocins. <i>Npj Biofilms and Microbiomes</i> , 2018 , 4, 9	8.2	106
255	The intestinal protist <i>Blastocystis</i> is not a common member of the healthy infant gut microbiota in a Westernized country (Ireland). <i>Parasitology</i> , 2018 , 145, 1274-1278	2.7	5
254	A Prospective Metagenomic and Metabolomic Analysis of the Impact of Exercise and/or Whey Protein Supplementation on the Gut Microbiome of Sedentary Adults. <i>MSystems</i> , 2018 , 3,	7.6	80
253	Traditional kefir reduces weight gain and improves plasma and liver lipid profiles more successfully than a commercial equivalent in a mouse model of obesity. <i>Journal of Functional Foods</i> , 2018 , 46, 29-37	5.1	31
252	Loss of MicroRNA-21 Influences the Gut Microbiota, Causing Reduced Susceptibility in a Murine Model of Colitis. <i>Journal of Crohn's and Colitis</i> , 2018 , 12, 835-848	1.5	24
251	Effect of milk centrifugation and incorporation of high heat-treated centrifugate on the microbial composition and levels of volatile organic compounds of Maasdam cheese. <i>Journal of Dairy Science</i> , 2018 , 101, 5738-5750	4	8
250	Omics-Based Insights into Flavor Development and Microbial Succession within Surface-Ripened Cheese. <i>MSystems</i> , 2018 , 3,	7.6	35
249	Fecal Microbiota Transplantation in Gestating Sows and Neonatal Offspring Alters Lifetime Intestinal Microbiota and Growth in Offspring. <i>MSystems</i> , 2018 , 3,	7.6	36

248	Plantaricyclin A, a Novel Circular Bacteriocin Produced by <i>Lactobacillus plantarum</i> NI326: Purification, Characterization, and Heterologous Production. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	42
247	Novel insights into the microbiology of fermented dairy foods. <i>Current Opinion in Biotechnology</i> , 2018 , 49, 172-178	11.4	73
246	Heterologous Expression of Biopreservative Bacteriocins With a View to Low Cost Production. <i>Frontiers in Microbiology</i> , 2018 , 9, 1654	5.7	25
245	Mesophilic Sporeformers Identified in Whey Powder by Using Shotgun Metagenomic Sequencing. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	9
244	A Diverse Range of Human Gut Bacteria Have the Potential To Metabolize the Dietary Component Gallic Acid. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	9
243	Sequencing of the Cheese Microbiome and Its Relevance to Industry. <i>Frontiers in Microbiology</i> , 2018 , 9, 1020	5.7	60
242	Oral Delivery of Nisin in Resistant Starch Based Matrices Alters the Gut Microbiota in Mice. <i>Frontiers in Microbiology</i> , 2018 , 9, 1186	5.7	18
241	Species classifier choice is a key consideration when analysing low-complexity food microbiome data. <i>Microbiome</i> , 2018 , 6, 50	16.6	38
240	Prediction and Exploration of Potential Bacteriocin Gene Clusters Within the Bacterial Genus. <i>Frontiers in Microbiology</i> , 2018 , 9, 2116	5.7	13
239	Gut Microbiology A Relatively Unexplored Domain 2018 , 629-648		
238	The potency of the broad-spectrum bacteriocin, bactofencin A, against staphylococci is highly dependent on primary structure, N-terminal charge and disulphide formation. <i>Scientific Reports</i> , 2018 , 8, 11833	4.9	11
237	Tracing mother-infant transmission of bacteriophages by means of a novel analytical tool for shotgun metagenomic datasets: METAnnotatorX. <i>Microbiome</i> , 2018 , 6, 145	16.6	36
236	Post-weaning social isolation of rats leads to long-term disruption of the gut microbiota-immune-brain axis. <i>Brain, Behavior, and Immunity</i> , 2018 , 68, 261-273	16.6	61
235	Functional Characterization of the Lactolisterin BU Gene Cluster of subsp. BGBU1-4. <i>Frontiers in Microbiology</i> , 2018 , 9, 2774	5.7	4
234	Genomic Characterization of Sulphite Reducing Bacteria Isolated From the Dairy Production Chain. <i>Frontiers in Microbiology</i> , 2018 , 9, 1507	5.7	3
233	Early <i>Salmonella</i> Typhimurium infection in pigs disrupts Microbiome composition and functionality principally at the ileum mucosa. <i>Scientific Reports</i> , 2018 , 8, 7788	4.9	33
232	Translating Omics to Food Microbiology. <i>Annual Review of Food Science and Technology</i> , 2017 , 8, 113-134	14.7	56
231	Drunk bugs: Chronic vapour alcohol exposure induces marked changes in the gut microbiome in mice. <i>Behavioural Brain Research</i> , 2017 , 323, 172-176	3.4	45

230	Unravelling the metabolic impact of SBS-associated microbial dysbiosis: Insights from the piglet short bowel syndrome model. <i>Scientific Reports</i> , 2017 , 7, 43326	4.9	13
229	The altered gut microbiota in adults with cystic fibrosis. <i>BMC Microbiology</i> , 2017 , 17, 58	4.5	55
228	Use of enhanced nisin derivatives in combination with food-grade oils or citric acid to control <i>Cronobacter sakazakii</i> and <i>Escherichia coli</i> O157:H7. <i>Food Microbiology</i> , 2017 , 65, 254-263	6	45
227	Application of bacteriocin-producing <i>Enterococcus faecium</i> isolated from donkey milk, in the bio-control of <i>Listeria monocytogenes</i> in fresh whey cheese. <i>International Dairy Journal</i> , 2017 , 73, 1-9	3.5	50
226	Forgotten fungi-the gut mycobiome in human health and disease. <i>FEMS Microbiology Reviews</i> , 2017 , 41, 479-511	15.1	140
225	Strain-Level Metagenomic Analysis of the Fermented Dairy Beverage Nunu Highlights Potential Food Safety Risks. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	55
224	Exploring a Possible Link between the Intestinal Microbiota and Feed Efficiency in Pigs. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	147
223	High-throughput metataxonomic characterization of the raw milk microbiota identifies changes reflecting lactation stage and storage conditions. <i>International Journal of Food Microbiology</i> , 2017 , 255, 1-6	5.8	25
222	The influence of rosuvastatin on the gastrointestinal microbiota and host gene expression profiles. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, G488-G497	5.1	24
221	Whey protein effects on energy balance link the intestinal mechanisms of energy absorption with adiposity and hypothalamic neuropeptide gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 313, E1-E11	6	17
220	Health benefits of fermented foods: microbiota and beyond. <i>Current Opinion in Biotechnology</i> , 2017 , 44, 94-102	11.4	574
219	Genome Sequence of DSM 458, an Antimicrobial-Producing Thermophilic Bacterium, Isolated from a Sugar Beet Factory. <i>Genome Announcements</i> , 2017 , 5,		5
218	Lack of Heterogeneity in Bacteriocin Production Across a Selection of Commercial Probiotic Products. <i>Probiotics and Antimicrobial Proteins</i> , 2017 , 9, 459-465	5.5	5
217	Lactolisterin BU, a Novel Class II Broad-Spectrum Bacteriocin from <i>Lactococcus lactis</i> subsp. bv. diacetylactis BGBU1-4. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	17
216	Controlled functional expression of the bacteriocins pediocin PA-1 and bactofencin A in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2017 , 7, 3069	4.9	25
215	Metagenome-based surveillance and diagnostic approaches to studying the microbial ecology of food production and processing environments. <i>Environmental Microbiology</i> , 2017 , 19, 4382-4391	5.2	27
214	Impacts of Seasonal Housing and Teat Preparation on Raw Milk Microbiota: a High-Throughput Sequencing Study. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	70
213	Microbiota of Raw Milk and Raw Milk Cheeses 2017 , 301-316		11

212	Build the Read: A Hands-On Activity for Introducing Microbiology Students to Next-Generation DNA Sequencing and Bioinformatics. <i>Journal of Microbiology and Biology Education</i> , 2017 , 18,	1.3	2
211	Microbiome Changes During Ripening 2017 , 389-409		7
210	Detection and Enumeration of Spore-Forming Bacteria in Powdered Dairy Products. <i>Frontiers in Microbiology</i> , 2017 , 8, 109	5.7	35
209	Insights into the Mode of Action of the Sactibiotic Thuricin CD. <i>Frontiers in Microbiology</i> , 2017 , 8, 696	5.7	30
208	Bacteriocin-Antimicrobial Synergy: A Medical and Food Perspective. <i>Frontiers in Microbiology</i> , 2017 , 8, 1205	5.7	101
207	The Fungal Frontier: A Comparative Analysis of Methods Used in the Study of the Human Gut Mycobiome. <i>Frontiers in Microbiology</i> , 2017 , 8, 1432	5.7	57
206	Crop Establishment Practices Are a Driver of the Plant Microbiota in Winter Oilseed Rape (). <i>Frontiers in Microbiology</i> , 2017 , 8, 1489	5.7	18
205	A Profile Hidden Markov Model to investigate the distribution and frequency of LanB-encoding lantibiotic modification genes in the human oral and gut microbiome. <i>PeerJ</i> , 2017 , 5, e3254	3.1	10
204	Prevalence and genetic diversity of Blastocystis in family units living in the United States. <i>Infection, Genetics and Evolution</i> , 2016 , 45, 95-97	4.5	23
203	Influence of GABA and GABA-producing <i>Lactobacillus brevis</i> DPC 6108 on the development of diabetes in a streptozotocin rat model. <i>Beneficial Microbes</i> , 2016 , 7, 409-20	4.9	37
202	The efficacy of thuricin CD, tigecycline, vancomycin, teicoplanin, rifampicin and nitazoxanide, independently and in paired combinations against <i>Clostridium difficile</i> biofilms and planktonic cells. <i>Gut Pathogens</i> , 2016 , 8, 20	5.4	21
201	Draft Genome Sequence of <i>Lactobacillus casei</i> DPC6800, an Isolate with the Potential to Diversify Flavor in Cheese. <i>Genome Announcements</i> , 2016 , 4,		3
200	16S rRNA gene sequencing of mock microbial populations- impact of DNA extraction method, primer choice and sequencing platform. <i>BMC Microbiology</i> , 2016 , 16, 123	4.5	164
199	FoodMicrobionet: A database for the visualisation and exploration of food bacterial communities based on network analysis. <i>International Journal of Food Microbiology</i> , 2016 , 219, 28-37	5.8	50
198	A novel method of microsatellite genotyping-by-sequencing using individual combinatorial barcoding. <i>Royal Society Open Science</i> , 2016 , 3, 150565	3.3	45
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