Colin Hill

List of Publications by Year in Descending Order

389 papers	35,866 citations	87 h-index	179 g-index
404 ext. papers	42,816 ext. citations	6.1 avg, IF	7.47 L-index

#	Paper	IF	Citations
389	An oxidation resistant pediocin PA-1 derivative and penocin A display effective anti- activity in a model human gut environment.. *Gut Microbes*, **2022**, 14, 2004071	8.8	1
388	High local failure rates despite high margin-negative resection rates in a cohort of borderline resectable and locally advanced pancreatic cancer patients treated with stereotactic body radiation therapy following multi-agent chemotherapy.. *Cancer Medicine*, **2022**,	4.8	2
387	Phage-mediated horizontal gene transfer and its implications for the human gut microbiome.. *Gastroenterology Report*, **2022**, 10, goac012	3.3	2
386	: expanding and restructuring the taxonomy of bacteria-infecting single-stranded RNA viruses. *Microbial Genomics*, **2021**, 7,	4.4	3
385	Bio-Engineered Nisin with Increased Anti- and Selectively Reduced Anti- Activity for Treatment of Bovine Mastitis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
384	A postbiotic consisting of heat-treated lactobacilli has a bifidogenic effect in pure culture and in human fermented faecal communities. *Applied and Environmental Microbiology*, **2021**,	4.8	3
383	Biases in Viral Metagenomics-Based Detection, Cataloguing and Quantification of Bacteriophage Genomes in Human Faeces, a Review. *Microorganisms*, **2021**, 9,	4.9	5
382	The Advantages and Challenges of Using Endolysins in a Clinical Setting. *Viruses*, **2021**, 13,	6.2	25
381	The International Scientific Association of Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of postbiotics. *Nature Reviews Gastroenterology and Hepatology*, **2021**, 18, 649-667	24.2	165
380	Patient-Reported Outcome Measures and Dosimetric Correlates for Early Detection of Acute Radiation Therapy-Related Esophagitis. *Practical Radiation Oncology*, **2021**, 11, 185-192	2.8	2
379	Microbiome and Infection: A Case for "Selective Depletion". *Annals of Nutrition and Metabolism*, **2021**, 1-6	4.5	0
378	Characterization of an Endolysin Targeting That Affects Spore Outgrowth. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
377	Recipe for Success: Suggestions and Recommendations for the Isolation and Characterisation of Bacteriocins. *International Journal of Microbiology*, **2021**, 2021, 9990635	3.6	2
376	Long-term outcomes with neoadjuvant chemotherapy with or without stereotactic body radiation therapy in patients with borderline resectable and locally advanced pancreatic adenocarcinoma.. *Journal of Clinical Oncology*, **2021**, 39, 443-443	2.2	0
375	The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on fermented foods. *Nature Reviews Gastroenterology and Hepatology*, **2021**, 18, 196-208	24.2	90
374	Survival outcomes in the modern era for localized pancreatic cancer with multi-agent chemotherapy and stereotactic body radiation therapy.. *Journal of Clinical Oncology*, **2021**, 39, 444-444	2.2	1
373	Microbiome-based environmental monitoring of a dairy processing facility highlights the challenges associated with low microbial-load samples. *Npj Science of Food*, **2021**, 5, 4	6.3	4

372	A Bioengineered Nisin Derivative To Control Streptococcus uberis Biofilms. *Applied and Environmental Microbiology*, **2021**, 87, e0039121	4.8	1
371	Alpha-synuclein alters the faecal viromes of rats in a gut-initiated model of Parkinson's disease. *Communications Biology*, **2021**, 4, 1140	6.7	1
370	Reply to: Postbiotics - when simplification fails to clarify. *Nature Reviews Gastroenterology and Hepatology*, **2021**, 18, 827-828	24.2	7
369	Long-term outcomes of a prospective single institution study with multiagent chemotherapy and stereotactic body radiation therapy in locally advanced or recurrent pancreatic adenocarcinoma.. *Journal of Clinical Oncology*, **2021**, 39, 440-440	2.2	
368	Bioengineered Nisin Derivative M17Q Has Enhanced Activity against. *Antibiotics*, **2020**, 9,	4.9	4
367	Overcoming barriers to phage application in food and feed. *Current Opinion in Biotechnology*, **2020**, 61, 38-44	11.4	27
366	Balancing the risks and rewards of live biotherapeutics. *Nature Reviews Gastroenterology and Hepatology*, **2020**, 17, 133-134	24.2	7
365	Bacteriophage endolysins as a potential weapon to combat infection. *Gut Microbes*, **2020**, 12, 1813533	8.8	13
364	Assessing and Providing Culturally Competent Care in Radiation Oncology for Deaf Cancer Patients. *Advances in Radiation Oncology*, **2020**, 5, 333-344	3.3	2
363	You have the microbiome you deserve **2020**, 1,		3
362	Characterizing Phage-Host Interactions in a Simplified Human Intestinal Barrier Model. *Microorganisms*, **2020**, 8,	4.9	4
361	Rethinking wastewater risks and monitoring in light of the COVID-19 pandemic. *Nature Sustainability*, **2020**, 3, 981-990	22.1	111
360	A New Phage Lysin Isolated from the Oral Microbiome Targeting. *Pharmaceuticals*, **2020**, 13,	5.2	6
359	Prostate-Specimen Antigen (PSA) Screening and Shared Decision Making Among Deaf and Hearing Male Patients. *Journal of Cancer Education*, **2020**, 35, 28-35	1.8	9
358	Giant oversights in the human gut virome. *Gut*, **2020**, 69, 1357-1358	19.2	8
357	A Live Bio-Therapeutic for Mastitis, Containing DPC3147 With Comparable Efficacy to Antibiotic Treatment. *Frontiers in Microbiology*, **2019**, 10, 2220	5.7	11
356	Short-term consumption of a high-fat diet increases host susceptibility to Listeria monocytogenes infection. *Microbiome*, **2019**, 7, 7	16.6	33
355	Bovine mastitis is a polymicrobial disease requiring a polydiagnostic approach. *International Dairy Journal*, **2019**, 99, 104539	3.5	5

354	Non-antibiotic microbial solutions for bovine mastitis - live biotherapeutics, bacteriophage, and phage lysins. *Critical Reviews in Microbiology*, **2019**, 45, 564-580	7.8	21
353	Identification and characterisation of capidermicin, a novel bacteriocin produced by Staphylococcus capitis. *PLoS ONE*, **2019**, 14, e0223541	3.7	15
352	The Human Gut Virome Is Highly Diverse, Stable, and Individual Specific. *Cell Host and Microbe*, **2019** , 26, 527-541.e5	23.4	219
351	The Effect of a Commercially Available Bacteriophage and Bacteriocin on in Coleslaw. *Viruses*, **2019**, 11,	6.2	11
350	Understanding mode of action can drive the translational pipeline towards more reliable health benefits for probiotics. *Current Opinion in Biotechnology*, **2019**, 56, 55-60	11.4	34
349	Bioengineering nisin to overcome the nisin resistance protein. *Molecular Microbiology*, **2019**, 111, 717-731	4.1	23
348	Fighting biofilms with lantibiotics and other groups of bacteriocins. *Npj Biofilms and Microbiomes*, **2018**, 4, 9	8.2	106
347	Developing bacteriocins of lactic acid bacteria into next generation biopreservatives. *Current Opinion in Food Science*, **2018**, 20, 1-6	9.8	47
346	The microbiology and treatment of human mastitis. *Medical Microbiology and Immunology*, **2018**, 207, 83-94	4	49
345	Phages of life - the path to pharma. *British Journal of Pharmacology*, **2018**, 175, 412-418	8.6	19
344	Complete Genome Sequence of Phage APC_JM3.2 Isolated from a Chicken Cecum. *Genome Announcements*, **2018**, 6,		1
343	Reproducible protocols for metagenomic analysis of human faecal phageomes. *Microbiome*, **2018**, 6, 68	16.6	82
342	Determinants of Reduced Genetic Capacity for Butyrate Synthesis by the Gut Microbiome in Crohn's Disease and Ulcerative Colitis. *Journal of Crohnjs and Colitis*, **2018**, 12, 204-216	1.5	52
341	Heterologous Expression of Biopreservative Bacteriocins With a View to Low Cost Production. *Frontiers in Microbiology*, **2018**, 9, 1654	5.7	25
340	Mesophilic Sporeformers Identified in Whey Powder by Using Shotgun Metagenomic Sequencing. *Applied and Environmental Microbiology*, **2018**, 84,	4.8	9
339	A rapid PCR-based method to discriminate Macrococcus caseolyticus and Macrococcus canis from closely-related Staphylococcus species based on the ctaC gene sequence. *Journal of Microbiological Methods*, **2018**, 152, 36-38	2.8	3
338	RNA Phage Biology in a Metagenomic Era. *Viruses*, **2018**, 10,	6.2	29
337	Oral Delivery of Nisin in Resistant Starch Based Matrices Alters the Gut Microbiota in Mice. *Frontiers in Microbiology*, **2018**, 9, 1186	5.7	18

336	Genomic Characterization of Listeria monocytogenes Isolates Associated with Clinical Listeriosis and the Food Production Environment in Ireland. *Genes*, **2018**, 9,	4.2	37
335	Prediction and Exploration of Potential Bacteriocin Gene Clusters Within the Bacterial Genus. *Frontiers in Microbiology*, **2018**, 9, 2116	5.7	13
334	The potency of the broad‐spectrum bacteriocin, bactofencin A, against staphylococci is highly dependent on primary structure, N-terminal charge and disulphide formation. *Scientific Reports*, **2018**, 8, 11833	4.9	11
333	Viromes of one year old infants reveal the impact of birth mode on microbiome diversity. *PeerJ*, **2018**, 6, e4694	3.1	68
332	Identification of probiotic effector molecules: present state and future perspectives. *Current Opinion in Biotechnology*, **2018**, 49, 217-223	11.4	132
331	Reincarnation of Bacteriocins From the Pangenomic Graveyard. *Frontiers in Microbiology*, **2018**, 9, 1298	5.7	11
330	The Group: History and Health Related Applications. *Frontiers in Microbiology*, **2018**, 9, 2107	5.7	90
329	Phages & antibiotic resistance: are the most abundant entities on earth ready for a comeback?. *Future Microbiology*, **2018**, 13, 711-726	2.9	21
328	The Genus Macrococcus: An Insight Into Its Biology, Evolution, and Relationship With Staphylococcus. *Advances in Applied Microbiology*, **2018**, 105, 1-50	4.9	13
327	Raw donkey milk as a source of Enterococcus diversity: Assessment of their technological properties and safety characteristics. *Food Control*, **2017**, 73, 81-90	6.2	26
326	Use of enhanced nisin derivatives in combination with food-grade oils or citric acid to control Cronobacter sakazakii and Escherichia coli O157:H7. *Food Microbiology*, **2017**, 65, 254-263	6	45
325	Contribution of the novel sulfur-producing adjunct Lactobacillus nodensis to flavor development in Gouda cheese. *Journal of Dairy Science*, **2017**, 100, 4322-4334	4	7
324	Application of bacteriocin-producing Enterococcus faecium isolated from donkey milk, in the bio-control of Listeria monocytogenes in fresh whey cheese. *International Dairy Journal*, **2017**, 73, 1-9	3.5	50
323	Next-generation probiotics: the spectrum from probiotics to live biotherapeutics. *Nature Microbiology*, **2017**, 2, 17057	26.6	317
322	Bacteriocin Gene-Trait matching across the complete Lactobacillus Pan-genome. *Scientific Reports*, **2017**, 7, 3481	4.9	46
321	A Simple Method for the Purification of Nisin. *Probiotics and Antimicrobial Proteins*, **2017**, 9, 363-369	5.5	12
320	Genome Sequence of DSM 458, an Antimicrobial-Producing Thermophilic Bacterium, Isolated from a Sugar Beet Factory. *Genome Announcements*, **2017**, 5,		5
319	Recent advances in microbial fermentation for dairy and health. *F1000Research*, **2017**, 6, 751	3.6	50

318	Nisin in Combination with Cinnamaldehyde and EDTA to Control Growth of Escherichia coli Strains of Swine Origin. *Antibiotics*, **2017**, 6,	4.9	14
317	Draft Genome Sequences of 25 Isolates Associated with Human Clinical Listeriosis in Ireland. *Genome Announcements*, **2017**, 5,		1
316	Controlled functional expression of the bacteriocins pediocin PA-1 and bactofencin A in Escherichia coli. *Scientific Reports*, **2017**, 7, 3069	4.9	25
315	Simulated gastrointestinal digestion of nisin and interaction between nisin and bile. *LWT - Food Science and Technology*, **2017**, 86, 530-537	5.4	13
314	Bacteriocins and bacteriophage; a narrow-minded approach to food and gut microbiology. *FEMS Microbiology Reviews*, **2017**, 41, S129-S153	15.1	47
313	Bacteriophages and Bacterial Plant Diseases. *Frontiers in Microbiology*, **2017**, 8, 34	5.7	170
312	Things Are Getting Hairy: Enterobacteria Bacteriophage vB_PcaM_CBB. *Frontiers in Microbiology*, **2017**, 8, 44	5.7	23
311	Detection and Enumeration of Spore-Forming Bacteria in Powdered Dairy Products. *Frontiers in Microbiology*, **2017**, 8, 109	5.7	35
310	Insights into the Mode of Action of the Sactibiotic Thuricin CD. *Frontiers in Microbiology*, **2017**, 8, 696	5.7	30
309	Bacteriocin-Antimicrobial Synergy: A Medical and Food Perspective. *Frontiers in Microbiology*, **2017**, 8, 1205	5.7	101
308	Development of a Click Beetle Luciferase Reporter System for Enhanced Bioluminescence Imaging of : Analysis in Cell Culture and Murine Infection Models. *Frontiers in Microbiology*, **2017**, 8, 1797	5.7	13
307	Genome Sequence of Jumbo Phage vB_AbaM_ME3 of Acinetobacter baumanni. *Genome Announcements*, **2016**, 4,		8
306	Phage therapy targeting Escherichia coli-a story with no end?. *FEMS Microbiology Letters*, **2016**, 363,	2.9	27
305	The efficacy of thuricin CD, tigecycline, vancomycin, teicoplanin, rifampicin and nitazoxanide, independently and in paired combinations against Clostridium difficile biofilms and planktonic cells. *Gut Pathogens*, **2016**, 8, 20	5.4	21
304	Listeria monocytogenes mutants defective in gallbladder replication represent safety-enhanced vaccine delivery platforms. *Human Vaccines and Immunotherapeutics*, **2016**, 12, 2059-2063	4.4	5
303	Three New Escherichia coli Phages from the Human Gut Show Promising Potential for Phage Therapy. *PLoS ONE*, **2016**, 11, e0156773	3.7	35
302	Characterization of a Bacteriophage-Derived Murein Peptidase for Elimination of Antibiotic-Resistant Staphylococcus aureus. *Current Protein and Peptide Science*, **2016**, 17, 183-90	2.8	16
301	Formicin - a novel broad-spectrum two-component lantibiotic produced by Bacillus paralicheniformis APC 1576. *Microbiology (United Kingdom)*, **2016**, 162, 1662-1671	2.9	20

300	Bacteriophage endolysins and their applications. *Science Progress*, **2016**, 99, 183-199	1.1	14
299	Bacteriocins: Novel Solutions to Age Old Spore-Related Problems?. *Frontiers in Microbiology*, **2016**, 7, 461	5.7	71
298	In Vitro Activities of Nisin and Nisin Derivatives Alone and In Combination with Antibiotics against Staphylococcus Biofilms. *Frontiers in Microbiology*, **2016**, 7, 508	5.7	65
297	New Weapons to Fight Old Enemies: Novel Strategies for the (Bio)control of Bacterial Biofilms in the Food Industry. *Frontiers in Microbiology*, **2016**, 7, 1641	5.7	126
296	Synergistic Nisin-Polymyxin Combinations for the Control of Biofilm Formation. *Frontiers in Microbiology*, **2016**, 7, 1713	5.7	48
295	A Bioengineered Nisin Derivative, M21A, in Combination with Food Grade Additives Eradicates Biofilms of. *Frontiers in Microbiology*, **2016**, 7, 1939	5.7	30
294	Shedding light on betL*: pPL2-lux mediated real-time analysis of betL* expression in Listeria monocytogenes. *Bioengineered*, **2016**, 7, 116-9	5.7	1
293	RpoS loss in Cronobacter sakazakii by propagation in the presence of non-preferred carbon sources. *International Dairy Journal*, **2016**, 57, 29-33	3.5	1
292	The bacteriocin bactofencin A subtly modulates gut microbial populations. *Anaerobe*, **2016**, 40, 41-9	2.8	20
291	A bioengineered nisin derivative to control biofilms of Staphylococcus pseudintermedius. *PLoS ONE* , **2015**, 10, e0119684	3.7	56
290	Proteomics as the final step in the functional metagenomics study of antimicrobial resistance. *Frontiers in Microbiology*, **2015**, 6, 172	5.7	14
289	Generation of the antimicrobial peptide caseicin A from casein by hydrolysis with thermolysin enzymes. *International Dairy Journal*, **2015**, 49, 1-7	3.5	15
288	A review of the systematic review process and its applicability for use in evaluating evidence for health claims on probiotic foods in the European Union. *Nutrition Journal*, **2015**, 14, 16	4.3	32
287	Lantibiotic resistance. *Microbiology and Molecular Biology Reviews*, **2015**, 79, 171-91	13.2	95
286	Nisin H Is a New Nisin Variant Produced by the Gut-Derived Strain Streptococcus hyointestinalis DPC6484. *Applied and Environmental Microbiology*, **2015**, 81, 3953-60	4.8	46
285	Impact of Environmental Factors on Bacteriocin Promoter Activity in Gut-Derived Lactobacillus salivarius. *Applied and Environmental Microbiology*, **2015**, 81, 7851-9	4.8	18
284	Characterisation of the antibacterial properties of a bacterial derived peptidoglycan hydrolase (LysCs4), active against C. sakazakii and other Gram-negative food-related pathogens. *International Journal of Food Microbiology*, **2015**, 215, 79-85	5.8	6
283	Novel approaches to improve the intrinsic microbiological safety of powdered infant milk formula. *Nutrients*, **2015**, 7, 1217-44	6.7	49

282	Biotechnological applications of functional metagenomics in the food and pharmaceutical industries. *Frontiers in Microbiology*, **2015**, 6, 672	5.7	52
281	Bioengineering Lantibiotics for Therapeutic Success. *Frontiers in Microbiology*, **2015**, 6, 1363	5.7	87
280	The Prevalence and Control of Bacillus and Related Spore-Forming Bacteria in the Dairy Industry. *Frontiers in Microbiology*, **2015**, 6, 1418	5.7	134
279	Isolation of a Novel Phage with Activity against Streptococcus mutans Biofilms. *PLoS ONE*, **2015**, 10, e0138651	3.7	46
278	Occurrence, Persistence, and Virulence Potential of Listeria ivanovii in Foods and Food Processing Environments in the Republic of Ireland. *BioMed Research International*, **2015**, 2015, 350526	3	8
277	Bioengineering of the model lantibiotic nisin. *Bioengineered*, **2015**, 6, 187-92	5.7	66
276	In silico identification of bacteriocin gene clusters in the gastrointestinal tract, based on the Human Microbiome Project's reference genome database. *BMC Microbiology*, **2015**, 15, 183	4.5	77
275	Efficacies of nisin A and nisin V semipurified preparations alone and in combination with plant essential oils for controlling Listeria monocytogenes. *Applied and Environmental Microbiology*, **2015**, 81, 2762-9	4.8	35
274	Heat resistance of Cronobacter sakazakii DPC 6529 and its behavior in reconstituted powdered infant formula. *Food Research International*, **2015**, 69, 401-409	7	18
273	Stress adaptation in foodborne pathogens. *Annual Review of Food Science and Technology*, **2015**, 6, 191-210	14.7	71
272	Antimicrobial antagonists against food pathogens: a bacteriocin perspective. *Current Opinion in Food Science*, **2015**, 2, 51-57	9.8	55
271	The sactibiotic subclass of bacteriocins: an update. *Current Protein and Peptide Science*, **2015**, 16, 549-58	2.8	35
270	Exploiting gut bacteriophages for human health. *Trends in Microbiology*, **2014**, 22, 399-405	12.4	122
269	Detection of Mycobacterium avium subspecies paratuberculosis in patients with Crohn's disease is unrelated to the presence of single nucleotide polymorphisms rs2241880 (ATG16L1) and rs10045431 (IL12B). *Medical Microbiology and Immunology*, **2014**, 203, 195-205	4	7
268	Inactivation of the SecA2 protein export pathway in Listeria monocytogenes promotes cell aggregation, impacts biofilm architecture and induces biofilm formation in environmental condition. *Environmental Microbiology*, **2014**, 16, 1176-92	5.2	30
267	Phage therapy in the food industry. *Annual Review of Food Science and Technology*, **2014**, 5, 327-49	14.7	186
266	Sequence-based analysis of the bacterial and fungal compositions of multiple kombucha (tea fungus) samples. *Food Microbiology*, **2014**, 38, 171-8	6	190
265	Bioavailability of the anti-clostridial bacteriocin thuricin CD in gastrointestinal tract. *Microbiology (United Kingdom)*, **2014**, 160, 439-445	2.9	27

264	Exopolysaccharide-producing probiotic Lactobacilli reduce serum cholesterol and modify enteric microbiota in ApoE-deficient mice. *Journal of Nutrition*, **2014**, 144, 1956-62	4.1	60
263	Altered FXR signalling is associated with bile acid dysmetabolism in short bowel syndrome-associated liver disease. *Journal of Hepatology*, **2014**, 61, 1115-25	13.4	56
262	Regulation of host weight gain and lipid metabolism by bacterial bile acid modification in the gut. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 7421-6	11.5	349
261	Expert consensus document. The International Scientific Association for Probiotics and Prebiotics consensus statement on the scope and appropriate use of the term probiotic. *Nature Reviews Gastroenterology and Hepatology*, **2014**, 11, 506-14	24.2	3614
260	Investigation of the Antimicrobial Activity of Bacillus licheniformis Strains Isolated from Retail Powdered Infant Milk Formulae. *Probiotics and Antimicrobial Proteins*, **2014**, 6, 32-40	5.5	10
259	Atypical Listeria innocua strains possess an intact LIPI-3. *BMC Microbiology*, **2014**, 14, 58	4.5	31
258	Transposon mutagenesis reveals genes involved in osmotic stress and drying in Cronobacter sakazakii. *Food Research International*, **2014**, 55, 45-54	7	24
257	Acid stress management by Cronobacter sakazakii. *International Journal of Food Microbiology*, **2014**, 178, 21-8	5.8	33
256	Fermented beverages with health-promoting potential: Past and future perspectives. *Trends in Food Science and Technology*, **2014**, 38, 113-124	15.3	227
255	Metagenomic identification of a novel salt tolerance gene from the human gut microbiome which encodes a membrane protein with homology to a brp/blh-family β-carotene 15,15′-monooxygenase. *PLoS ONE*, **2014**, 9, e103318	3.7	20
254	Listeria monocytogenes: survival and adaptation in the gastrointestinal tract. *Frontiers in Cellular and Infection Microbiology*, **2014**, 4, 9	5.9	100
253	Combined metagenomic and phenomic approaches identify a novel salt tolerance gene from the human gut microbiome. *Frontiers in Microbiology*, **2014**, 5, 189	5.7	18
252	Metagenomics and novel gene discovery: promise and potential for novel therapeutics. *Virulence*, **2014**, 5, 399-412	4.7	80
251	Two-tiered biological containment strategy for Lactococcus lactis-based vaccine or immunotherapy vectors. *Human Vaccines and Immunotherapeutics*, **2014**, 10, 333-7	4.4	3
250	Genome analysis of the staphylococcal temperate phage DW2 and functional studies on the endolysin and tail hydrolase. *Bacteriophage*, **2014**, 4, e28451		12
249	The potential for emerging therapeutic options for Clostridium difficile infection. *Gut Microbes*, **2014**, 5, 696-710	8.8	29
248	Bacterial bile salt hydrolase in host metabolism: Potential for influencing gastrointestinal microbe-host crosstalk. *Gut Microbes*, **2014**, 5, 669-74	8.8	76
247	Heterologous expression of thuricin CD immunity genes in Listeria monocytogenes. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 3421-8	5.9	2

246	Divergent evolution of the activity and regulation of the glutamate decarboxylase systems in Listeria monocytogenes EGD-e and 10403S: roles in virulence and acid tolerance. *PLoS ONE*, **2014**, 9, e112649	3.7	23
245	Generation of nonpolar deletion mutants in Listeria monocytogenes using the "SOEing" method. *Methods in Molecular Biology*, **2014**, 1157, 187-200	1.4	9
244	Shining light on food microbiology; applications of Lux-tagged microorganisms in the food industry. *Trends in Food Science and Technology*, **2013**, 32, 4-15	15.3	12
243	In vivo activity of nisin A and nisin V against Listeria monocytogenes in mice. *BMC Microbiology*, **2013**, 13, 23	4.5	44
242	Sequence-based analysis of the microbial composition of water kefir from multiple sources. *FEMS Microbiology Letters*, **2013**, 348, 79-85	2.9	50
241	Virulence aspects of Listeria monocytogenes LO28 high pressure-resistant variants. *Microbial Pathogenesis*, **2013**, 59-60, 48-51	3.8	7
240	The two peptide lantibiotic lacticin 3147 acts synergistically with polymyxin to inhibit Gram negative bacteria. *BMC Microbiology*, **2013**, 13, 212	4.5	46
239	Use of Microbes to Fight Microbes. *World Review of Nutrition and Dietetics*, **2013**, 178-185	0.2	
238	Saturation mutagenesis of selected residues of the β peptide of the lantibiotic lacticin 3147 yields a derivative with enhanced antimicrobial activity. *Microbial Biotechnology*, **2013**, 6, 564-75	6.3	18
237	Bacteriocins - a viable alternative to antibiotics?. *Nature Reviews Microbiology*, **2013**, 11, 95-105	22.2	944
236	Ribosomally synthesized and post-translationally modified peptide natural products: overview and recommendations for a universal nomenclature. *Natural Product Reports*, **2013**, 30, 108-60	15.1	1298
235	A mutant in the Listeria monocytogenes Fur-regulated virulence locus (frvA) induces cellular immunity and confers protection against listeriosis in mice. *Journal of Medical Microbiology*, **2013**, 62, 185-190	3.2	12
234	Strategies to improve the bacteriocin protection provided by lactic acid bacteria. *Current Opinion in Biotechnology*, **2013**, 24, 130-4	11.4	45
233	Gut solutions to a gut problem: bacteriocins, probiotics and bacteriophage for control of Clostridium difficile infection. *Journal of Medical Microbiology*, **2013**, 62, 1369-1378	3.2	51
232	Bactofencin A, a new type of cationic bacteriocin with unusual immunity. *MBio*, **2013**, 4, e00498-13	7.8	39
231	Investigation of the use of a cocktail of lux-tagged Cronobacter strains for monitoring growth in infant milk formulae. *Journal of Food Protection*, **2013**, 76, 1359-65	2.5	3
230	A single point mutation in the listerial betL σ(A)-dependent promoter leads to improved osmo- and chill-tolerance and a morphological shift at elevated osmolarity. *Bioengineered*, **2013**, 4, 401-7	5.7	15
229	Antimicrobials: Strategies for targeting obesity and metabolic health?. *Gut Microbes*, **2013**, 4, 48-53	8.8	22

228	Selection for loss of RpoS in Cronobacter sakazakii by growth in the presence of acetate as a carbon source. *Applied and Environmental Microbiology*, **2013**, 79, 2099-102	4.8	9
227	In vivo assessment of growth and virulence gene expression during commensal and pathogenic lifestyles of luxABCDE-tagged Enterococcus faecalis strains in murine gastrointestinal and intravenous infection models. *Applied and Environmental Microbiology*, **2013**, 79, 3986-97	4.8	22
226	Intensive mutagenesis of the nisin hinge leads to the rational design of enhanced derivatives. *PLoS ONE*, **2013**, 8, e79563	3.7	50
225	Saturation mutagenesis of lysine 12 leads to the identification of derivatives of nisin A with enhanced antimicrobial activity. *PLoS ONE*, **2013**, 8, e58530	3.7	41
224	Analysis of anti-Clostridium difficile activity of thuricin CD, vancomycin, metronidazole, ramoplanin, and actagardine, both singly and in paired combinations. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 2882-6	5.9	31
223	Structure-activity relationship of synthetic variants of the milk-derived antimicrobial peptide β2-casein f(183-207). *Applied and Environmental Microbiology*, **2013**, 79, 5179-85	4.8	27
222	Rethinking "probiotics". *Gut Microbes*, **2013**, 4, 269-70	8.8	16
221	The effect of dietary supplementation with spent cider yeast on the Swine distal gut microbiome. *PLoS ONE*, **2013**, 8, e75714	3.7	30
220	Functional environmental screening of a metagenomic library identifies stlA; a unique salt tolerance locus from the human gut microbiome. *PLoS ONE*, **2013**, 8, e82985	3.7	24
219	Sequencing-based analysis of the bacterial and fungal composition of kefir grains and milks from multiple sources. *PLoS ONE*, **2013**, 8, e69371	3.7	129
218	Bioengineered nisin derivatives with enhanced activity in complex matrices. *Microbial Biotechnology* , **2012**, 5, 501-8	6.3	45
217	Back to the future: bioengineering lantibiotics for designer purposes. *Biochemical Society Transactions*, **2012**, 40, 1492-7	5.1	20
216	HmgR, a key enzyme in the mevalonate pathway for isoprenoid biosynthesis, is essential for growth of Listeria monocytogenes EGDe. *Microbiology (United Kingdom)*, **2012**, 158, 1684-1693	2.9	16
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