Colin Hill

List of Publications by Year
in descending order

395	48,687	94	204
papers	citations	h-index	g-index
		2797	2076

404	404	404	38152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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, 506-514.	8.2	5,773
2	Gut microbiota composition correlates with diet and health in the elderly. Nature, 2012, 488, 178-184.	13.7	2,618
3	Bacteriocins: developing innate immunity for food. Nature Reviews Microbiology, 2005, 3, 777-788.	13.6	1,884
4	Ribosomally synthesized and post-translationally modified peptide natural products: overview and recommendations for a universal nomenclature. Natural Product Reports, 2013, 30, 108-160.	5.2	1,692
5	Composition, variability, and temporal stability of the intestinal microbiota of the elderly. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4586-4591.	3.3	1,418
6	The interaction between bacteria and bile. FEMS Microbiology Reviews, 2005, 29, 625-651.	3.9	1,331
7	Bacteriocins â€" a viable alternative to antibiotics?. Nature Reviews Microbiology, 2013, 11, 95-105.	13.6	1,312
8	Surviving the Acid Test: Responses of Gram-Positive Bacteria to Low pH. Microbiology and Molecular Biology Reviews, 2003, 67, 429-453.	2.9	953
9	Bile Salt Hydrolase Activity in Probiotics. Applied and Environmental Microbiology, 2006, 72, 1729-1738.	1.4	900
10	Functional and comparative metagenomic analysis of bile salt hydrolase activity in the human gut microbiome. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13580-13585.	3.3	797
11	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.	8.2	701
12	Bacteriocin production as a mechanism for the antiinfective activity of Lactobacillus salivarius UCC118. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7617-7621.	3.3	690
13	Bacterial osmoadaptation: the role of osmolytes in bacterial stress and virulence. FEMS Microbiology Reviews, 2002, 26, 49-71.	3.9	649
14	Next-generation probiotics: the spectrum from probiotics to live biotherapeutics. Nature Microbiology, 2017, 2, 17057.	5.9	553
15	Bacteriocins: Biological tools for bio-preservation and shelf-life extension. International Dairy Journal, 2006, 16, 1058-1071.	1.5	539
16	Lantibiotics: structure, biosynthesis and mode of action. FEMS Microbiology Reviews, 2001, 25, 285-308.	3.9	528
17	Bacteriocin Production: a Probiotic Trait?. Applied and Environmental Microbiology, 2012, 78, 1-6.	1.4	505
18	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, 7421-7426.	3.3	471

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19	The Human Gut Virome Is Highly Diverse, Stable, and Individual Specific. Cell Host and Microbe, 2019, 26, 527-541.e5.	5.1	449
20	Thuricin CD, a posttranslationally modified bacteriocin with a narrow spectrum of activity against <i>Clostridium difficile</i>. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9352-9357.	3.3	434
21	Bacteriocins: modes of action and potentials in food preservation and control of food poisoning. International Journal of Food Microbiology, 1995, 28, 169-185.	2.1	352
22	A glutamate decarboxylase system protects Listeria monocytogenes in gastric fluid. Molecular Microbiology, 2001, 40, 465-475.	1.2	334
23	The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on fermented foods. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 196-208.	8.2	316
24	Effect of broad- and narrow-spectrum antimicrobials on <i>Clostridium difficile</i> and microbial diversity in a model of the distal colon. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4639-4644.	3.3	313
25	Bacteriophages and Bacterial Plant Diseases. Frontiers in Microbiology, 2017, 8, 34.	1.5	310
26	Sequence-based analysis of the bacterial and fungal compositions of multiple kombucha (tea fungus) samples. Food Microbiology, 2014, 38, 171-178.	2.1	303
27	High-pressure processing Ã¢Â€Â“ effects on microbial food safety and food quality. FEMS Microbiology Letters, 2008, 281, 1-9.	0.7	298
28	Fermented beverages with health-promoting potential: Past and future perspectives. Trends in Food Science and Technology, 2014, 38, 113-124.	7.8	285
29	M-cells: origin, morphology and role in mucosal immunity and microbial pathogenesis. FEMS Immunology and Medical Microbiology, 2008, 52, 2-12.	2.7	254
30	Phage Therapy in the Food Industry. Annual Review of Food Science and Technology, 2014, 5, 327-349.	5.1	253
31	Production of bioactive substances by intestinal bacteria as a basis for explaining probiotic mechanisms: Bacteriocins and conjugated linoleic acid. International Journal of Food Microbiology, 2012, 152, 189-205.	2.1	252
32	Bacterial Lantibiotics: Strategies to Improve Therapeutic Potential. Current Protein and Peptide Science, 2005, 6, 61-75.	0.7	237
33	Contribution of Three Bile-Associated Loci, bsh , pva , and btlB , to Gastrointestinal Persistence and Bile Tolerance of Listeria monocytogenes. Infection and Immunity, 2005, 73, 894-904.	1.0	232
34	Identification of a Novel Two-Peptide Lantibiotic, Lichenicidin, following Rational Genome Mining for LanM Proteins. Applied and Environmental Microbiology, 2009, 75, 5451-5460.	1.4	224
35	Bacteriophages Ï•MR299-2 and Ï•NH-4 Can Eliminate Pseudomonas aeruginosa in the Murine Lung and on Cystic Fibrosis Lung Airway Cells. MBio, 2012, 3, e00029-12.	1.8	218
36	The Prevalence and Control of Bacillus and Related Spore-Forming Bacteria in the Dairy Industry. Frontiers in Microbiology, 2015, 6, 1418.	1.5	210

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37	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.	1.5	210
38	The generation of nisin variants with enhanced activity against specific Gramâ€positive pathogens. Molecular Microbiology, 2008, 69, 218-230.	1.2	206
39	Tools for Functional Postgenomic Analysis of<i>Listeria monocytogenes</i>. Applied and Environmental Microbiology, 2008, 74, 3921-3934.	1.4	205
40	Identification of probiotic effector molecules: present state and future perspectives. Current Opinion in Biotechnology, 2018, 49, 217-223.	3.3	204
41	The mode of action of the lantibiotic lacticin 3147 - a complex mechanism involving specific interaction of two peptides and the cell wall precursor lipid II. Molecular Microbiology, 2006, 61, 285-296.	1.2	202
42	Listeriolysin S, a Novel Peptide Haemolysin Associated with a Subset of Lineage I Listeria monocytogenes. PLoS Pathogens, 2008, 4, e1000144.	2.1	201
43	Rethinking wastewater risks and monitoring in light of the COVID-19 pandemic. Nature Sustainability, 2020, 3, 981-990.	11.5	195
44	A Five-Strain Probiotic Combination Reduces Pathogen Shedding and Alleviates Disease Signs in Pigs Challenged with Salmonella enterica Serovar Typhimurium. Applied and Environmental Microbiology, 2007, 73, 1858-1863.	1.4	190
45	Bile Stress Response in Listeria monocytogenes LO28: Adaptation, Cross-Protection, and Identification of Genetic Loci Involved in Bile Resistance. Applied and Environmental Microbiology, 2002, 68, 6005-6012.	1.4	189
46	Clostridium difficile Carriage in Elderly Subjects and Associated Changes in the Intestinal Microbiota. Journal of Clinical Microbiology, 2012, 50, 867-875.	1.8	184
47	The Vexed Relationship Between Clostridium Difficile and Inflammatory Bowel Disease: An Assessment of Carriage in an Outpatient Setting Among Patients in Remission. American Journal of Gastroenterology, 2009, 104, 1162-1169.	0.2	177
48	Molecular characterization of the arginine deiminase system in <i>Listeria monocytogenes</i>: regulation and role in acid tolerance. Environmental Microbiology, 2009, 11, 432-445.	1.8	174
49	The Lactobacillus casei Group: History and Health Related Applications. Frontiers in Microbiology, 2018, 9, 2107.	1.5	173
50	Sequence and analysis of the 60â€ƒkb conjugative, bacteriocin-producing plasmid pMRC01 fromLactococcus lactisDPC3147. Molecular Microbiology, 1998, 29, 1029-1038.	1.2	171
51	Sequencing-Based Analysis of the Bacterial and Fungal Composition of Kefir Grains and Milks from Multiple Sources. PLoS ONE, 2013, 8, e69371.	1.1	169
52	Isolation and Analysis of Bacteria with Antimicrobial Activities from the Marine Sponge Haliclona simulans Collected from Irish Waters. Marine Biotechnology, 2009, 11, 384-396.	1.1	168
53	Antimicrobial activity of lacticin 3147 against clinical Clostridium difficile strains. Journal of Medical Microbiology, 2007, 56, 940-946.	0.7	167
54	Bioengineered Nisin A Derivatives with Enhanced Activity against Both Gram Positive and Gram Negative Pathogens. PLoS ONE, 2012, 7, e46884.	1.1	167

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55	Reproducible protocols for metagenomic analysis of human faecal phageomes. Microbiome, 2018, 6, 68.	4.9	162
56	AgrDâ€dependent quorum sensing affects biofilm formation, invasion, virulence and global gene expression profiles in <i>Listeria monocytogenes</i>. Molecular Microbiology, 2009, 71, 1177-1189.	1.2	158
57	Fighting biofilms with lantibiotics and other groups of bacteriocins. Npj Biofilms and Microbiomes, 2018, 4, 9.	2.9	154
58	Analysis of the Role of OpuC, an Osmolyte Transport System, in Salt Tolerance and Virulence Potential of Listeria monocytogenes. Applied and Environmental Microbiology, 2001, 67, 2692-2698.	1.4	151
59	Structural Characterization of Lacticin 3147, a Two-Peptide Lantibiotic with Synergistic Activityâ€. Biochemistry, 2004, 43, 3049-3056.	1.2	150
60	A comparison of the activities of lacticin 3147 and nisin against drug-resistant Staphylococcus aureus and Enterococcus species. Journal of Antimicrobial Chemotherapy, 2009, 64, 546-551.	1.3	147
61	Exploiting gut bacteriophages for human health. Trends in Microbiology, 2014, 22, 399-405.	3.5	146
62	A Postgenomic Appraisal of Osmotolerance in Listeria monocytogenes. Applied and Environmental Microbiology, 2003, 69, 1-9.	1.4	145
63	Lantibiotic Resistance. Microbiology and Molecular Biology Reviews, 2015, 79, 171-191.	2.9	143
64	Isoprenoid biosynthesis in bacterial pathogens. Microbiology (United Kingdom), 2012, 158, 1389-1401.	0.7	142
65	A PrfA-regulated bile exclusion system (BilE) is a novel virulence factor in Listeria monocytogenes. Molecular Microbiology, 2004, 55, 1183-1195.	1.2	141
66	Streptolysin S-like virulence factors: the continuing sagA. Nature Reviews Microbiology, 2011, 9, 670-681.	13.6	140
67	Bacteriocin-Antimicrobial Synergy: A Medical and Food Perspective. Frontiers in Microbiology, 2017, 8, 1205.	1.5	140
68	The ABC Transporter AnrAB Contributes to the Innate Resistance of <i>Listeria monocytogenes</i> to Nisin, Bacitracin, and Various Î²-Lactam Antibiotics. Antimicrobial Agents and Chemotherapy, 2010, 54, 4416-4423.	1.4	139
69	Complete alanine scanning of the twoâ€component lantibiotic lacticin 3147: generating a blueprint for rational drug design. Molecular Microbiology, 2006, 62, 735-747.	1.2	135
70	Presence of GadD1 Glutamate Decarboxylase in Selected Listeria monocytogenes Strains Is Associated with an Ability To Grow at Low pH. Applied and Environmental Microbiology, 2005, 71, 2832-2839.	1.4	134
71	Probiotics and gastrointestinal disease: successes, problems and future prospects. Gut Pathogens, 2009, 1, 19.	1.6	134
72	Listeria monocytogenes: survival and adaptation in the gastrointestinal tract. Frontiers in Cellular and Infection Microbiology, 2014, 4, 9.	1.8	131

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73	Chapter 1 Understanding the Mechanisms by Which Probiotics Inhibit Gastrointestinal Pathogens. Advances in Food and Nutrition Research, 2009, 56, 1-15.	1.5	129
74	Heterologous Expression of BetL, a Betaine Uptake System, Enhances the Stress Tolerance of Lactobacillus salivarius UCC118. Applied and Environmental Microbiology, 2006, 72, 2170-2177.	1.4	126
75	The relationship between acid stress responses and virulence in Salmonella typhimurium and Listeria monocytogenes. International Journal of Food Microbiology, 1999, 50, 93-100.	2.1	120
76	Bioengineering Lantibiotics for Therapeutic Success. Frontiers in Microbiology, 2015, 6, 1363.	1.5	120
77	The LisRK Signal Transduction System Determines the Sensitivity of Listeria monocytogenes to Nisin and Cephalosporins. Antimicrobial Agents and Chemotherapy, 2002, 46, 2784-2790.	1.4	117
78	Posttranslational conversion of L-serines to D-alanines is vital for optimal production and activity of the lantibiotic lacticin 3147. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18584-18589.	3.3	116
79	Extensive Post-translational Modification, Including Serine to d-Alanine Conversion, in the Two-component Lantibiotic, Lacticin 3147. Journal of Biological Chemistry, 1999, 274, 37544-37550.	1.6	113
80	Probiotics, Enteric and Diarrheal Diseases, and Global Health. Gastroenterology, 2011, 140, 8-14.e9.	0.6	113
81	Technological characterization of bacteriocin producing Lactococcus lactis strains employed to control Listeria monocytogenes in Cottage cheese. International Journal of Food Microbiology, 2012, 153, 58-65.	2.1	113
82	In silico identification of bacteriocin gene clusters in the gastrointestinal tract, based on the Human Microbiome Projectâ€™s reference genome database. BMC Microbiology, 2015, 15, 183.	1.3	112
83	Analysis of the role of the Listeria monocytogenes F0F1-ATPase operon in the acid tolerance response. International Journal of Food Microbiology, 2000, 60, 137-146.	2.1	111
84	Disruption of Putative Regulatory Loci in Listeria monocytogenes Demonstrates a Significant Role for Fur and PerR in Virulence. Infection and Immunity, 2004, 72, 717-727.	1.0	107
85	Developing applications for lactococcal bacteriocins. Antonie Van Leeuwenhoek, 1999, 76, 337-346.	0.7	106
86	Sequential Actions of the Two Component Peptides of the Lantibiotic Lacticin 3147 Explain Its Antimicrobial Activity at Nanomolar Concentrations. Antimicrobial Agents and Chemotherapy, 2005, 49, 2606-2611.	1.4	106
87	Human Neutrophil Clearance of Bacterial Pathogens Triggers Anti-Microbial Î³Î´ T Cell Responses in Early Infection. PLoS Pathogens, 2011, 7, e1002040.	2.1	106
88	Molecular and Physiological Analysis of the Role of Osmolyte Transporters BetL, Gbu, and OpuC in Growth of Listeria monocytogenes at Low Temperatures. Applied and Environmental Microbiology, 2004, 70, 2912-2918.	1.4	105
89	Improving gastric transit, gastrointestinal persistence and therapeutic efficacy of the probiotic strain Bifidobacterium breve UCC2003. Microbiology (United Kingdom), 2007, 153, 3563-3571.	0.7	105
90	Stress Adaptation in Foodborne Pathogens. Annual Review of Food Science and Technology, 2015, 6, 191-210.	5.1	105

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91	Bacteriocins: Novel Solutions to Age Old Spore-Related Problems?. Frontiers in Microbiology, 2016, 7, 461.	1.5	105
92	Metagenomics and novel gene discovery. Virulence, 2014, 5, 399-412.	1.8	103
93	The interaction between Listeria monocytogenes and the host gastrointestinal tract. Microbiology (United Kingdom), 2009, 155, 2463-2475.	0.7	103
94	Viromes of one year old infants reveal the impact of birth mode on microbiome diversity. PeerJ, 2018, 6, e4694.	0.9	103
95	Improved Luciferase Tagging System for Listeria monocytogenes Allows Real-Time Monitoring In Vivo and In Vitro. Applied and Environmental Microbiology, 2007, 73, 3091-3094.	1.4	101
96	The Advantages and Challenges of Using Endolysins in a Clinical Setting. Viruses, 2021, 13, 680.	1.5	100
97	Identification of a novel two-peptide lantibiotic, Haloduracin, produced by the alkaliphileBacillus haloduransC-125. FEMS Microbiology Letters, 2007, 267, 64-71.	0.7	99
98	Bacterial bile salt hydrolase in host metabolism: Potential for influencing gastrointestinal microbe-host crosstalk. Gut Microbes, 2014, 5, 669-674.	4.3	99
99	Salmonella spp. survival strategies within the host gastrointestinal tract. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	98
100	Relative Ability of Orally Administered Lactobacillus murinus To Predominate and Persist in the Porcine Gastrointestinal Tract. Applied and Environmental Microbiology, 2004, 70, 1895-1906.	1.4	95
101	Bioengineering of the model lantibiotic nisin. Bioengineered, 2015, 6, 187-192.	1.4	94
102	The Dps-like protein Fri of Listeria monocytogenes promotes stress tolerance and intracellular multiplication in macrophage-like cells. Microbiology (United Kingdom), 2005, 151, 925-933.	0.7	93
103	Determinants of Reduced Genetic Capacity for Butyrate Synthesis by the Gut Microbiome in Crohnâ€™s Disease and Ulcerative Colitis. Journal of Crohn's and Colitis, 2018, 12, 204-216.	0.6	93
104	<i>Pseudomonas aeruginosa</i> RsmA Plays an Important Role during Murine Infection by Influencing Colonization, Virulence, Persistence, and Pulmonary Inflammation. Infection and Immunity, 2008, 76, 632-638.	1.0	92
105	The Acid Tolerance Response of Salmonella spp.: An adaptive strategy to survive in stressful environments prevailing in foods and the host. Food Research International, 2012, 45, 482-492.	2.9	92
106	The microbiology and treatment of human mastitis. Medical Microbiology and Immunology, 2018, 207, 83-94.	2.6	92
107	Multiple Deletions of the Osmolyte Transporters BetL, Gbu, and OpuC of Listeria monocytogenes Affect Virulence and Growth at High Osmolarity. Applied and Environmental Microbiology, 2002, 68, 4710-4716.	1.4	91
108	Impact of selectedLactobacillusandBifidobacteriumspecies onListeria monocytogenesinfection and the mucosal immune response. FEMS Immunology and Medical Microbiology, 2007, 50, 380-388.	2.7	91

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109	Predominance of a bacteriocin-producing Lactobacillus salivarius component of a five-strain probiotic in the porcine ileum and effects on host immune phenotype. FEMS Microbiology Ecology, 2008, 64, 317-327.	1.3	91
110	Intramammary infusion of a live culture of<i>Lactococcus lactis</i>for treatment of bovine mastitis: comparison with antibiotic treatment in field trials. Journal of Dairy Research, 2008, 75, 365-373.	0.7	91
111	Listeria monocytogenes PerR Mutants Display a Small-Colony Phenotype, Increased Sensitivity to Hydrogen Peroxide, and Significantly Reduced Murine Virulence. Applied and Environmental Microbiology, 2005, 71, 8314-8322.	1.4	90
112	Role for HtrA in Stress Induction and Virulence Potential in Listeria monocytogenes. Applied and Environmental Microbiology, 2005, 71, 4241-4247.	1.4	90
113	The CtsR regulator of Listeria monocytogenes contains a variant glycine repeat region that affects piezotolerance, stress resistance, motility and virulence. Molecular Microbiology, 2003, 49, 1227-1238.	1.2	88
114	In Vitro Activities of Nisin and Nisin Derivatives Alone and In Combination with Antibiotics against Staphylococcus Biofilms. Frontiers in Microbiology, 2016, 7, 508.	1.5	86
115	Two-Peptide Lantibiotics: A Medical Perspective. Mini-Reviews in Medicinal Chemistry, 2007, 7, 1236-1247.	1.1	84
116	Construction of p16S <i>lux</i> , a Novel Vector for Improved Bioluminescent Labeling of Gram-Negative Bacteria. Applied and Environmental Microbiology, 2007, 73, 7092-7095.	1.4	84
117	Studies with bioengineered Nisin peptides highlight the broadâ€spectrum potency of Nisin V. Microbial Biotechnology, 2010, 3, 473-486.	2.0	84
118	Biotechnological applications of functional metagenomics in the food and pharmaceutical industries. Frontiers in Microbiology, 2015, 6, 672.	1.5	83
119	Bioengineering of a Nisin Aâ€producing <i>Lactococcus lactis</i> to create isogenic strains producing the natural variants Nisin F, Q and Z. Microbial Biotechnology, 2011, 4, 375-382.	2.0	82
120	Contribution of Penicillin-Binding Protein Homologs to Antibiotic Resistance, Cell Morphology, and Virulence of Listeria monocytogenes EGDe. Antimicrobial Agents and Chemotherapy, 2006, 50, 2824-2828.	1.4	80
121	Exopolysaccharide-Producing Probiotic Lactobacilli Reduce Serum Cholesterol and Modify Enteric Microbiota in ApoE-Deficient Mice. Journal of Nutrition, 2014, 144, 1956-1962.	1.3	80
122	Comparison of the activities of the lantibiotics nisin and lacticin 3147 against clinically significant mycobacteria. International Journal of Antimicrobial Agents, 2010, 36, 132-136.	1.1	79
123	CesRK, a Two-Component Signal Transduction System in Listeria monocytogenes, Responds to the Presence of Cell Wall-Acting Antibiotics and Affects Î²-Lactam Resistance. Antimicrobial Agents and Chemotherapy, 2003, 47, 3421-3429.	1.4	77
124	Altered FXR signalling is associated with bile acid dysmetabolism in short bowel syndrome-associated liver disease. Journal of Hepatology, 2014, 61, 1115-1125.	1.8	76
125	A real time PCR assay for the detection and quantitation of Mycobacterium avium subsp. paratuberculosis using SYBR Green and the Light Cycler. Journal of Microbiological Methods, 2002, 51, 283-293.	0.7	75
126	Bacteriocin Gene-Trait matching across the complete Lactobacillus Pan-genome. Scientific Reports, 2017, 7, 3481.	1.6	75

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127	The interplay between classical and alternative isoprenoid biosynthesis controls Î³Î´ T cell bioactivity ofListeria monocytogenes. FEBS Letters, 2004, 561, 99-104.	1.3	74
128	In silico analysis highlights the frequency and diversity of type 1 lantibiotic gene clusters in genome sequenced bacteria. BMC Genomics, 2010, 11, 679.	1.2	74
129	Assessing the Contributions of the LiaS Histidine Kinase to the Innate Resistance of Listeria monocytogenes to Nisin, Cephalosporins, and Disinfectants. Applied and Environmental Microbiology, 2012, 78, 2923-2929.	1.4	74
130	Nisin H Is a New Nisin Variant Produced by the Gut-Derived Strain Streptococcus hyointestinalis DPC6484. Applied and Environmental Microbiology, 2015, 81, 3953-3960.	1.4	74
131	Bacteriocins and bacteriophage; a narrow-minded approach to food and gut microbiology. FEMS Microbiology Reviews, 2017, 41, S129-S153.	3.9	74
132	The truncated phage lysin CHAP_keliminates<i>Staphylococcus</i> <i>aureus</i>in the nares of mice. Bioengineered Bugs, 2010, 1, 404-407.	2.0	73
133	Inhibitory activity of Lactobacillus plantarum LMG P-26358 against Listeria innocua when used as an adjunct starter in the manufacture of cheese. Microbial Cell Factories, 2011, 10, S7.	1.9	73
134	Genomic Characterization of Listeria monocytogenes Isolates Associated with Clinical Listeriosis and the Food Production Environment in Ireland. Genes, 2018, 9, 171.	1.0	73
135	Tolerance of Listeria monocytogenes to Cell Envelope-Acting Antimicrobial Agents Is Dependent on SigB. Applied and Environmental Microbiology, 2006, 72, 2231-2234.	1.4	72
136	Intramammary infusion of a live culture for treatment of bovine mastitis: effect of live lactococci on the mammary immune response. Journal of Dairy Research, 2008, 75, 374-384.	0.7	72
137	Novel type I restriction specificities through domain shuffling of HsdS subunits in Lactococcus lactis. Molecular Microbiology, 2000, 36, 866-875.	1.2	71
138	Cronobacter spp. in Powdered Infant Formula. Journal of Food Protection, 2012, 75, 607-620.	0.8	71
139	Antimicrobial antagonists against food pathogens: a bacteriocin perspective. Current Opinion in Food Science, 2015, 2, 51-57.	4.1	71
140	The dawning of a â€˜Golden eraâ€™ in lantibiotic bioengineering. Molecular Microbiology, 2010, 78, 1077-1087.	1.2	70
141	Classification of Bacteriocins from Gram-Positive Bacteria. , 2011, , 29-53.		70
142	Sequence-based analysis of the microbial composition of water kefir from multiple sources. FEMS Microbiology Letters, 2013, 348, 79-85.	0.7	70
143	Novel Luciferase Reporter System for In Vitro and Organ-Specific Monitoring of Differential Gene Expression in Listeria monocytogenes. Applied and Environmental Microbiology, 2006, 72, 2876-2884.	1.4	69
144	A Bioengineered Nisin Derivative to Control Biofilms of Staphylococcus pseudintermedius. PLoS ONE, 2015, 10, e0119684.	1.1	69

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145	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.	1.5	69
146	Recent advances in microbial fermentation for dairy and health. F1000Research, 2017, 6, 751.	0.8	69
147	Genome Mining for Radical SAM Protein Determinants Reveals Multiple Sactibiotic-Like Gene Clusters. PLoS ONE, 2011, 6, e20852.	1.1	68
148	Factors affecting survival of Listeria monocytogenes and Listeria innocua in soil samples. Archives of Microbiology, 2011, 193, 775-785.	1.0	68
149	Functional metagenomics reveals novel salt tolerance loci from the human gut microbiome. ISME Journal, 2012, 6, 1916-1925.	4.4	67
150	Characterization of the groESL Operon inListeria monocytogenes: Utilization of Two Reporter Systems (gfp and hly) for Evaluating In Vivo Expression. Infection and Immunity, 2001, 69, 3924-3932.	1.0	66
151	Real-Time PCR Assay To Differentiate Listeriolysin S-Positive and -Negative Strains of<i>Listeria monocytogenes</i>. Applied and Environmental Microbiology, 2011, 77, 163-171.	1.4	66
152	Synergistic Nisin-Polymyxin Combinations for the Control of Pseudomonas Biofilm Formation. Frontiers in Microbiology, 2016, 7, 1713.	1.5	66
153	Three New Escherichia coli Phages from the Human Gut Show Promising Potential for Phage Therapy. PLoS ONE, 2016, 11, e0156773.	1.1	66
154	Novel Approaches to Improve the Intrinsic Microbiological Safety of Powdered Infant Milk Formula. Nutrients, 2015, 7, 1217-1244.	1.7	65
155	Development of a luciferase-based reporter system to monitor Bifidobacterium breve UCC2003 persistence in mice. BMC Microbiology, 2008, 8, 161.	1.3	64
156	Administration of a live culture of<i>Lactococcus lactis</i>DPC 3147 into the bovine mammary gland stimulates the local host immune response, particularly<i>IL-1</i>Î² and<i>IL-8</i>gene expression. Journal of Dairy Research, 2009, 76, 340-348.	0.7	64
157	Investigation of the Mechanisms by Which<i>Listeria monocytogenes</i>Grows in Porcine Gallbladder Bile. Infection and Immunity, 2011, 79, 369-379.	1.0	63
158	Developing bacteriocins of lactic acid bacteria into next generation biopreservatives. Current Opinion in Food Science, 2018, 20, 1-6.	4.1	63
159	Stress Survival Islet 1 (SSI-1) Survey in <i>Listeria monocytogenes</i> Reveals an Insert Common to <i>Listeria innocua</i> in Sequence Type 121 <i>L. monocytogenes</i> Strains. Applied and Environmental Microbiology, 2011, 77, 2169-2173.	1.4	62
160	Intensive Mutagenesis of the Nisin Hinge Leads to the Rational Design of Enhanced Derivatives. PLoS ONE, 2013, 8, e79563.	1.1	62
161	Role for Compatible Solutes Glycine Betaine and l -Carnitine in Listerial Barotolerance. Applied and Environmental Microbiology, 2004, 70, 7555-7557.	1.4	61
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