

# Bart C Weimer

## 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.

149  
papers

7,148  
citations

42  
h-index

82  
g-index

159  
ext. papers

8,570  
ext. citations

5.5  
avg, IF

5.58  
L-index

#	Paper	IF	Citations
149	Lactic Acid Bacteria: Physiology and Stress Responses <b>2022</b> , 238-248		
148	Rumen and lower gut microbiomes relationship with feed efficiency and production traits throughout the lactation of Holstein dairy cows.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4904	4.9	0
147	Analysis of SARS-CoV-2 genomic epidemiology reveals disease transmission coupled to variant emergence and allelic variation. <i>Scientific Reports</i> , <b>2021</b> , 11, 7380	4.9	11
146	Novel LC-MS-TOF method to detect and quantify ascorbic and uric acid simultaneously in different biological matrices. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> , 1168, 122588	3.2	2
145	Phylogenetic and Biogeographic Patterns of <i>Vibrio parahaemolyticus</i> Strains from North America Inferred from Whole-Genome Sequence Data. <i>Applied and Environmental Microbiology</i> , <b>2021</b> , 87,	4.8	2
144	Analyses of publicly available genomes revealed genetic distances indicating they belong to more than one species. <i>Virulence</i> , <b>2021</b> , 12, 1950-1964	4.7	2
143	Monitoring the microbiome for food safety and quality using deep shotgun sequencing. <i>Npj Science of Food</i> , <b>2021</b> , 5, 3	6.3	7
142	Prolonged drought imparts lasting compositional changes to the rice root microbiome. <i>Nature Plants</i> , <b>2021</b> , 7, 1065-1077	11.5	22
141	Whole Genome Sequencing of Pediatric Strains Reveals Important Insights Into Their Virulence-Associated Traits. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 711577	5.7	3
140	Molecular Epidemiology and Antimicrobial Resistance of in Hospitalized Patients From Mexico.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 787451	5.7	2
139	Quantification of antibiotic resistance genes and mobile genetic in dairy manure.. <i>PeerJ</i> , <b>2021</b> , 9, e124083.1	3.1	1
138	Improving Biosecurity Procedures to Minimize the Risk of Spreading Pathogenic Infections Agents After Carcass Recycling. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 623	5.7	3
137	Biological Machine Learning Combined with Population Genomics Reveals Virulence Gene Allelic Variants Cause Disease. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	5
136	Insular Microbiogeography: Three Pathogens as Exemplars. <i>Current Issues in Molecular Biology</i> , <b>2020</b> , 36, 89-108	2.9	4
135	Bacterial Epigenomics: Epigenetics in the Age of Population Genomics <b>2020</b> , 233-252		0
134	Genomic characterization of a diazotrophic microbiota associated with maize aerial root mucilage. <i>PLoS ONE</i> , <b>2020</b> , 15, e0239677	3.7	5
133	Assessment of gaseous ozone treatment on <i>Salmonella Typhimurium</i> and <i>Escherichia coli</i> O157:H7 reductions in poultry litter. <i>Waste Management</i> , <b>2020</b> , 117, 42-47	8.6	3

132	Diazotrophic bacteria from maize exhibit multifaceted plant growth promotion traits in multiple hosts. <i>PLoS ONE</i> , <b>2020</b> , 15, e0239081	3.7	4
131	Identification of Nitrogen Fixation Genes in Isolated from Maize Using Population Genomics and Machine Learning. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	3
130	Draft Genome Sequence of <i>Bacillus velezensis</i> CE2, Which Genetically Encodes a Novel Multicomponent Lantibiotic. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	1
129	Food authentication from shotgun sequencing reads with an application on high protein powders. <i>Npj Science of Food</i> , <b>2019</b> , 3, 24	6.3	21
128	Effect of temperature control on the metabolite content in exhaled breath condensate. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1006, 49-60	6.6	10
127	Comparative analysis of <i>Campylobacter</i> isolates from wild birds and chickens using MALDI-TOF MS, biochemical testing, and DNA sequencing. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2018</b> , 30, 354-361	1.5	15
126	Nitrogen fixation in a landrace of maize is supported by a mucilage-associated diazotrophic microbiota. <i>PLoS Biology</i> , <b>2018</b> , 16, e2006352	9.7	130
125	Exploiting Functional Context in Biology: Reconsidering Classification of Bacterial Life <b>2018</b> ,		2
124	Whole Cell Cross-Linking to Discover Host-Microbe Protein Cognate Receptor/Ligand Pairs. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1585	5.7	5
123	Fallacy of the Unique Genome: Sequence Diversity within Single Strains. <i>MBio</i> , <b>2017</b> , 8,	7.8	49
122	100K Pathogen Genome Project: 306 Draft Genome Sequences for Food Safety and Public Health. <i>Genome Announcements</i> , <b>2017</b> , 5,		6
121	Large-Scale Release of <i>Campylobacter</i> Draft Genomes: Resources for Food Safety and Public Health from the 100K Pathogen Genome Project. <i>Genome Announcements</i> , <b>2017</b> , 5,		13
120	Implication of Sialidases in Infection: Genome Release of Sialidase Knockout Strains from Serovar Typhimurium LT2. <i>Genome Announcements</i> , <b>2017</b> , 5,		7
119	Draft Genome Sequence of Multidrug-Resistant Abortive from Northern California. <i>Genome Announcements</i> , <b>2017</b> , 5,		3
118	Exhaled breath condensate methods adapted from human studies using longitudinal metabolomics for predicting early health alterations in dolphins. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 6523-6536	4.4	6
117	Draft Genome Sequences of Serovar Typhimurium LT2 with Deleted Chitinases That Are Emerging Virulence Factors. <i>Genome Announcements</i> , <b>2017</b> , 5,		1
116	100K Pathogen Genome Project. <i>Genome Announcements</i> , <b>2017</b> , 5,		25
115	Amino Acids as Food Quality Factors in Parmigiano Reggiano Hard Cheese <b>2017</b> , 357-367		1

114	Prebiotic Oligosaccharides Potentiate Host Protective Responses against <i>L. Monocytogenes</i> Infection. <i>Pathogens</i> , <b>2017</b> , 6,	4.5	15
113	Draft Genome Sequences: Resources for Food Safety and Public Health. <i>Genome Announcements</i> , <b>2017</b> , 5,		3
112	Amylases and Their Importance during Glycan Degradation: Genome Sequence Release of Amylase Knockout Strains. <i>Genome Announcements</i> , <b>2017</b> , 5,		2
111	Draft Genome Sequences of 1,183 Strains from the 100K Pathogen Genome Project. <i>Genome Announcements</i> , <b>2017</b> , 5,		9
110	: A Microbial Community Analysis Tool to Identify and Visualize Significantly Responsive Branches in a Phylogenetic Tree. <i>Computational and Structural Biotechnology Journal</i> , <b>2017</b> , 15, 372-378	6.8	5
109	Automation of PacBio SMRTbell NGS library preparation for bacterial genome sequencing. <i>Standards in Genomic Sciences</i> , <b>2017</b> , 12, 27		16
108	Analytical methodologies for broad metabolite coverage of exhaled breath condensate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1061-1062, 17-25	3.2	17
107	Comparative Genomics Reveals the Diversity of Restriction-Modification Systems and DNA Methylation Sites in <i>Listeria monocytogenes</i> . <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	16
106	Amino Acid Catabolism and Its Relationship to Cheese Flavor Outcomes <b>2017</b> , 483-516		9
105	A Syst-OMICS Approach to Ensuring Food Safety and Reducing the Economic Burden of Salmonellosis. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 996	5.7	28
104	Human breath metabolomics using an optimized non-invasive exhaled breath condensate sampler. <i>Journal of Breath Research</i> , <b>2016</b> , 11, 016001	3.1	13
103	Biotechnology of flavor formation in fermented dairy products <b>2016</b> , 133-164		
102	<i>Salmonella</i> Typhimurium Enzymatically Landscapes the Host Intestinal Epithelial Cell (IEC) Surface Glycome to Increase Invasion. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 3653-3664	7.6	25
101	Influence of Host Ecology and Behavior on <i>Campylobacter jejuni</i> Prevalence and Environmental Contamination Risk in a Synanthropic Wild Bird Species. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 4811-20	4.8	27
100	A new method for converting foodwaste into pathogen free soil amendment for enhancing agricultural sustainability. <i>Journal of Cleaner Production</i> , <b>2016</b> , 112, 205-213	10.3	24
99	Enhanced non-invasive respiratory sampling from bottlenose dolphins for breath metabolomics measurements. <i>Journal of Breath Research</i> , <b>2016</b> , 10, 046005	3.1	11
98	<i>Salmonella</i> Degrades the Host Glycocalyx Leading to Altered Infection and Glycan Remodeling. <i>Scientific Reports</i> , <b>2016</b> , 6, 29525	4.9	42
97	Draft Genome Sequences of <i>Campylobacter jejuni</i> Strains That Cause Abortion in Livestock. <i>Genome Announcements</i> , <b>2016</b> , 4,		10

96	The Bacterial Mobile Resistome Transfer Network Connecting the Animal and Human Microbiomes. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 6672-6681	4.8	145
95	Genomic Comparison of <i>Campylobacter</i> spp. and Their Potential for Zoonotic Transmission between Birds, Primates, and Livestock. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 7165-7175	4.8	51
94	Defining the food microbiome for authentication, safety, and process management. <i>IBM Journal of Research and Development</i> , <b>2016</b> , 60, 1:1-1:13	2.5	15
93	Design of the MCAW compute service for food safety bioinformatics. <i>IBM Journal of Research and Development</i> , <b>2016</b> , 60, 2:1-2:12	2.5	4
92	Metabolome searcher: a high throughput tool for metabolite identification and metabolic pathway mapping directly from mass spectrometry and using genome restriction. <i>BMC Bioinformatics</i> , <b>2015</b> , 16, 62	3.6	27
91	Enhanced cardiac Akt/protein kinase B signaling contributes to pathological cardiac hypertrophy in part by impairing mitochondrial function via transcriptional repression of mitochondrion-targeted nuclear genes. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 831-46	4.8	61
90	CESA TRAFFICKING INHIBITOR inhibits cellulose deposition and interferes with the trafficking of cellulose synthase complexes and their associated proteins KORRIGAN1 and POM2/CELLULOSE SYNTHASE INTERACTIVE PROTEIN1. <i>Plant Physiology</i> , <b>2015</b> , 167, 381-93	6.6	28
89	Complete Genome Sequences of a Clinical Isolate and an Environmental Isolate of <i>Vibrio parahaemolyticus</i> . <i>Genome Announcements</i> , <b>2015</b> , 3,		27
88	Probiotic bacteria survive in Cheddar cheese and modify populations of other lactic acid bacteria. <i>Journal of Applied Microbiology</i> , <b>2014</b> , 116, 1642-56	4.7	34
87	Gastrointestinal microbes interact with canine adipose-derived mesenchymal stem cells in vitro and enhance immunomodulatory functions. <i>Stem Cells and Development</i> , <b>2014</b> , 23, 1831-43	4.4	43
86	Exploring bacterial epigenomics in the next-generation sequencing era: a new approach for an emerging frontier. <i>Trends in Microbiology</i> , <b>2014</b> , 22, 292-300	12.4	20
85	<i>Brevibacterium</i> <b>2014</b> , 324-330		2
84	Genomic epidemiology of <i>Salmonella enterica</i> serotype Enteritidis based on population structure of prevalent lineages. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 1481-9	10.2	62
83	Gut microbiota-produced succinate promotes <i>C. difficile</i> infection after antibiotic treatment or motility disturbance. <i>Cell Host and Microbe</i> , <b>2014</b> , 16, 770-7	23.4	209
82	Genetic mechanisms underlying the pathogenicity of cold-stressed <i>Salmonella enterica</i> serovar typhimurium in cultured intestinal epithelial cells. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 6943-53	4.8	19
81	Molecular cloning and expression levels of the monoterpene synthase gene (ZMM1) in Cassumunar ginger ( <i>Zingiber montanum</i> (Koenig) Link ex Dietr.). <i>Archives of Biological Sciences</i> , <b>2014</b> , 66, 1321-1331	0.7	4
80	The Family Brevibacteriaceae <b>2014</b> , 141-153		1
79	Microbiota-liberated host sugars facilitate post-antibiotic expansion of enteric pathogens. <i>Nature</i> , <b>2013</b> , 502, 96-9	50.4	630

78	Preadaptation to cold stress in <i>Salmonella enterica</i> serovar Typhimurium increases survival during subsequent acid stress exposure. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 7281-9	4.8	50
77	Cross-talk between <i>E. coli</i> strains and a human colorectal adenocarcinoma-derived cell line. <i>Scientific Reports</i> , <b>2013</b> , 3, 3416	4.9	19
76	Dissecting the role of milk components on gut microbiota composition. <i>Gut Microbes</i> , <b>2013</b> , 4, 136-9	8.8	28
75	Insulin receptor substrate signaling suppresses neonatal autophagy in the heart. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 5319-33	15.9	89
74	Metabolomics in food and nutrition <b>2013</b> ,		3
73	Genetic loss of insulin receptors worsens cardiac efficiency in diabetes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2012</b> , 52, 1019-26	5.8	45
72	Consumption of lysozyme-rich milk can alter microbial fecal populations. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 6153-60	4.8	70
71	Intraspecies variation in the emergence of hyperinfectious bacterial strains in nature. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002647	7.6	52
70	Glycosylation of human milk lactoferrin exhibits dynamic changes during early lactation enhancing its role in pathogenic bacteria-host interactions. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, M111.015248	7.6	113
69	Bacteroides in the infant gut consume milk oligosaccharides via mucus-utilization pathways. <i>Cell Host and Microbe</i> , <b>2011</b> , 10, 507-14	23.4	337
68	Phylogenetic distance in Great Salt Lake microbial communities. <i>Aquatic Microbial Ecology</i> , <b>2011</b> , 64, 267-273	1.1	15
67	Species and genotype diversity drive community and ecosystem properties in experimental microcosms. <i>Evolutionary Ecology</i> , <b>2011</b> , 25, 1107-1125	1.8	16
66	Responses of Lactic Acid Bacteria to Starvation <b>2011</b> , 129-144		3
65	Broad conservation of milk utilization genes in <i>Bifidobacterium longum</i> subsp. <i>infantis</i> as revealed by comparative genomic hybridization. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 7373-81	4.8	147
64	Functional biogeography as evidence of gene transfer in hypersaline microbial communities. <i>PLoS ONE</i> , <b>2010</b> , 5, e12919	3.7	49
63	Proteomic remodelling of mitochondrial oxidative pathways in pressure overload-induced heart failure. <i>Cardiovascular Research</i> , <b>2010</b> , 85, 376-84	9.9	161
62	Mycoepoxydiene, a fungal polyketide, induces cell cycle arrest at the G2/M phase and apoptosis in HeLa cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 7054-8	2.9	48
61	Development of larval <i>Schistosoma japonicum</i> blocked in <i>Oncomelania hupensis</i> by pre-infection with larval <i>Exorchis</i> sp. <i>Journal of Parasitology</i> , <b>2009</b> , 95, 1321-5	0.9	12

60	Tissue-specific remodeling of the mitochondrial proteome in type 1 diabetic akita mice. <i>Diabetes</i> , <b>2009</b> , 58, 1986-97	0.9	138
59	Contribution of impaired myocardial insulin signaling to mitochondrial dysfunction and oxidative stress in the heart. <i>Circulation</i> , <b>2009</b> , 119, 1272-83	16.7	221
58	Biodiversity in microbial communities: system scale patterns and mechanisms. <i>Molecular Ecology</i> , <b>2009</b> , 18, 1455-62	5.7	20
57	Differential ruminal degradation of alfalfa proteins. <i>Canadian Journal of Plant Science</i> , <b>2009</b> , 89, 1065-1074		6
56	Cytosporone B is an agonist for nuclear orphan receptor Nur77. <i>Nature Chemical Biology</i> , <b>2008</b> , 4, 548-561	1.7	232
55	Comparative genomic analysis of the gut bacterium <i>Bifidobacterium longum</i> reveals loci susceptible to deletion during pure culture growth. <i>BMC Genomics</i> , <b>2008</b> , 9, 247	4.5	140
54	Solid-phase capture of pathogenic bacteria by using gangliosides and detection with real-time PCR. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 2254-8	4.8	16
53	Identification of dehydration responsive genes from two non-nodulated alfalfa cultivars using <i>Medicago truncatula</i> microarrays. <i>Acta Physiologiae Plantarum</i> , <b>2008</b> , 30, 183-199	2.6	22
52	A novel approach to identify bovine sperm membrane proteins that interact with receptors on the vitelline membrane of bovine oocytes. <i>Molecular Reproduction and Development</i> , <b>2008</b> , 75, 641-9	2.6	3
51	Specific integrin subunits in bovine oocytes, including novel sequences for alpha 6 and beta 3 subunits. <i>Molecular Reproduction and Development</i> , <b>2007</b> , 74, 600-7	2.6	11
50	Microarray analysis reveals potential mechanisms of BRMS1-mediated metastasis suppression. <i>Clinical and Experimental Metastasis</i> , <b>2007</b> , 24, 551-65	4.7	40
49	Producing low fat cheese <b>2007</b> , 520-536		3
48	Amino acid metabolism in relationship to cheese flavor development <b>2007</b> , 70-101		6
47	Compounds associated with cheese flavor <b>2007</b> , 26-51		2
46	Carbohydrate starvation causes a metabolically active but nonculturable state in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 2498-512	4.8	79
45	Improving the flavour of cheese <b>2007</b> ,		4
44	Genomics and cheese flavor <b>2007</b> , 219-235		
43	PURIFICATION OF BOVINE SPERM MEMBRANE-PROTEINS INVOLVED IN SPERM-OOCYTE INTERACTIONS: ADHESION, FUSION, AND ACTIVATION. <i>Biology of Reproduction</i> , <b>2007</b> , 77, 88-88	3.9	

42	Study of biochemical pathways and enzymes involved in pyrene degradation by Mycobacterium sp. strain KMS. <i>Applied and Environmental Microbiology</i> , <b>2006</b> , 72, 7821-8	4.8	90
41	Identification of the leucine-to-2-methylbutyric acid catabolic pathway of Lactococcus lactis. <i>Applied and Environmental Microbiology</i> , <b>2006</b> , 72, 4264-73	4.8	57
40	Comparative genomics of the lactic acid bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 15611-6	11.5	1053
39	Gene Expression Arrays in Food <b>2005</b> , 333-343		2
38	Volatile Sulfur Detection in Fermented Foods <b>2005</b> , 397-403		2
37	Fatty acid production from amino acids and alpha-keto acids by Brevibacterium linens BL2. <i>Applied and Environmental Microbiology</i> , <b>2004</b> , 70, 6385-93	4.8	29
36	Role of aminotransferase IlvE in production of branched-chain fatty acids by Lactococcus lactis subsp. lactis. <i>Applied and Environmental Microbiology</i> , <b>2004</b> , 70, 638-41	4.8	25
35	DNA Macroarray profiling of Lactococcus lactis subsp. lactis IL1403 gene expression during environmental stresses. <i>Applied and Environmental Microbiology</i> , <b>2004</b> , 70, 6738-47	4.8	89
34	Monocarboxylic acid production by lactococci and lactobacilli. <i>International Dairy Journal</i> , <b>2004</b> , 14, 237-246	3.9	34
33	Use of capillary electrophoresis and laser-induced fluorescence for attomole detection of amino acids. <i>Journal of Chromatography A</i> , <b>2002</b> , 964, 243-53	4.5	48
32	Discovering lactic acid bacteria by genomics. <i>Antonie Van Leeuwenhoek</i> , <b>2002</b> , 82, 29-58	2.1	149
31	Discovering lactic acid bacteria by genomics. <i>Antonie Van Leeuwenhoek</i> , <b>2002</b> , 82, 29-58	2.1	67
30	Solid-phase capture of proteins, spores, and bacteria. <i>Applied and Environmental Microbiology</i> , <b>2001</b> , 67, 1300-7	4.8	23
29	Tryptophan catabolism in Brevibacterium linens as a potential cheese flavor adjunct. <i>Journal of Dairy Science</i> , <b>2001</b> , 84, 1773-82	4	21
28	Optimizing the immobilization of single-stranded DNA onto glass beads. <i>Journal of Proteomics</i> , <b>2001</b> , 47, 221-31		110
27	Relationship of arginine and lactose utilization by Lactococcus lactis ssp. lactis ML3. <i>International Dairy Journal</i> , <b>2001</b> , 11, 253-258	3.5	25
26	Influence of growth conditions on heat-stable phospholipase activity in Pseudomonas. <i>Journal of Dairy Research</i> , <b>2001</b> , 68, 109-16	1.6	38
25	Isolation and characterization of a protease from Pseudomonas fluorescens RO98. <i>Journal of Applied Microbiology</i> , <b>2000</b> , 89, 280-8	4.7	42



24	Influence of a poly-ethylene glycol spacer on antigen capture by immobilized antibodies. <i>Journal of Proteomics</i> , <b>2000</b> , 45, 211-9		36
23	Diversity of sulfur compound production in lactic acid bacteria. <i>Journal of Dairy Science</i> , <b>2000</b> , 83, 2740-64		53
22	Investigation of the ability of a purified protease from <i>Pseudomonas fluorescens</i> RO98 to hydrolyze bitter peptides from cheese. <i>International Dairy Journal</i> , <b>2000</b> , 10, 75-79	3.5	15
21	BREVIBACTERIUM <b>1999</b> , 308-314		0
20	Genetic characterization of a cell envelope-associated proteinase from <i>Lactobacillus helveticus</i> CNRZ32. <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 4592-7	3.5	68
19	Sulfur metabolism in bacteria associated with cheese. <i>Antonie Van Leeuwenhoek</i> , <b>1999</b> , 76, 247-261	2.1	118
18	Isolation and characterization of acid- and bile-tolerant isolates from strains of <i>Lactobacillus acidophilus</i> . <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 23-31	4	193
17	Production of volatile sulfur compounds in Cheddar cheese slurries. <i>International Dairy Journal</i> , <b>1999</b> , 9, 605-611	3.5	36
16	Influence of carbohydrate starvation and arginine on culturability and amino acid utilization of <i>Lactococcus lactis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , <b>1999</b> , 65, 665-73	4.8	78
15	Sulfur metabolism in bacteria associated with cheese <b>1999</b> , 247-261		2
14	Peptide Accumulation and Bitterness in Cheddar Cheese Made Using Single-Strain <i>Lactococcus lactis</i> Starters with Distinct Proteinase Specificities. <i>Journal of Dairy Science</i> , <b>1998</b> , 81, 327-337	4	77
13	Conversion of methionine to thiols by lactococci, lactobacilli, and brevibacteria. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 3320-6	4.8	119
12	Purification and characterization of L-methionine gamma-lyase from <i>brevibacterium linens</i> BL2. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 3327-31	4.8	113
11	A Semiautomated Reflectance Colorimetric Method for the Determination of Lipase Activity in Milk. <i>Journal of Dairy Science</i> , <b>1996</b> , 79, 1164-1171	4	16
10	Capillary electrophoresis of Cheddar cheese. <i>Journal of Chromatography A</i> , <b>1996</b> , 731, 305-313	4.5	38
9	A SEMI-AUTOMATED COLORIMETRIC METHOD FOR DETERMINATION OF AMINOPEPTIDASE ACTIVITY IN TURBID SOLUTIONS 1. <i>Journal of Rapid Methods and Automation in Microbiology</i> , <b>1995</b> , 3, 223-235		9
8	Proteolytic Characterization of <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> Strains by the o-Phthaldialdehyde Test and Amino Acid Analysis. <i>Journal of Dairy Science</i> , <b>1991</b> , 74, 398-403	4	20
7	Comparison of Classical Ion Exchange Amino Acid Analysis and o-Phthaldialdehyde Methods to Characterize Proteolysis by <i>Lactobacillus bulgaricus</i> . <i>Journal of Dairy Science</i> , <b>1989</b> , 72, 2873-2876	4	4

6	Misclassification of a whole genome sequence reference defined by the Human Microbiome Project: a detrimental carryover effect to microbiome studies	2
5	Pandemic dynamics of COVID-19 using epidemic stage, instantaneous reproductive number and pathogen genome identity (GENI) score: modeling molecular epidemiology	6
4	Genomic characterization of a diazotrophic microbiota associated with maize aerial root mucilage	2
3	Monitoring the microbiome for food safety and quality using deep shotgun sequencing	2
2	Biological machine learning combined with bacterial population genomics reveals common and rare allelic variants of genes to cause disease	3
1	Biotechnology of Flavor Production in Dairy Products56-82	