

Tjakko Abee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9709335/publications.pdf>

Version: 2024-02-01

139
papers

6,497
citations

53660

45
h-index

76769

74
g-index

146
all docs

146
docs citations

146
times ranked

5688
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic Release of Tailless Phage Particles from <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0148321.	1.4	13
2	Bacterial microcompartments in food-related microbes. <i>Current Opinion in Food Science</i> , 2022, 43, 128-135.	4.1	4
3	Lichenysin Production by <i>Bacillus licheniformis</i> Food Isolates and Toxicity to Human Cells. <i>Frontiers in Microbiology</i> , 2022, 13, 831033.	1.5	15
4	Extracellular vesicle formation in <i>Lactococcus lactis</i> is stimulated by prophage-encoded holin-lysine system. <i>Microbial Biotechnology</i> , 2022, 15, 1281-1295.	2.0	17
5	Physiological Roles of Short-Chain and Long-Chain Menaquinones (Vitamin K2) in <i>Lactococcus cremoris</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 823623.	1.5	5
6	Comparative Analysis of L-Fucose Utilization and Its Impact on Growth and Survival of <i>Campylobacter</i> Isolates. <i>Frontiers in Microbiology</i> , 2022, 13, 872207.	1.5	1
7	Role of Base Excision Repair in <i>Listeria monocytogenes</i> DNA Stress Survival During Infections. <i>Journal of Infectious Diseases</i> , 2021, 223, 721-732.	1.9	1
8	Genomics of tailless bacteriophages in a complex lactic acid bacteria starter culture. <i>International Dairy Journal</i> , 2021, 114, 104900.	1.5	6
9	Variability in lag duration of <i>Listeria monocytogenes</i> strains in half Fraser enrichment broth after stress affects the detection efficacy using the ISO 11290-1 method. <i>International Journal of Food Microbiology</i> , 2021, 337, 108914.	2.1	11
10	Bacterial Microcompartments Coupled with Extracellular Electron Transfer Drive the Anaerobic Utilization of Ethanolamine in <i>Listeria monocytogenes</i> . <i>MSystems</i> , 2021, 6, .	1.7	18
11	Bacterial Microcompartment-Dependent 1,2-Propanediol Utilization of <i>Propionibacterium freudenreichii</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 679827.	1.5	9
12	<i>Propionibacterium freudenreichii</i> thrives in microaerobic conditions by complete oxidation of lactate to CO_2 . <i>Environmental Microbiology</i> , 2021, 23, 3116-3129.	1.8	12
13	Amino acid substitutions in ribosomal protein RpsU enable switching between high fitness and multiple-stress resistance in <i>Listeria monocytogenes</i> . <i>International Journal of Food Microbiology</i> , 2021, 351, 109269.	2.1	7
14	Anaerobic Growth of <i>Listeria monocytogenes</i> on Rhamnose Is Stimulated by Vitamin B ₁₂ and Bacterial Microcompartment-Dependent 1,2-Propanediol Utilization. <i>MSphere</i> , 2021, 6, e0043421.	1.3	5
15	<i>Lactococcus lactis</i> Mutants Obtained From Laboratory Evolution Showed Elevated Vitamin K2 Content and Enhanced Resistance to Oxidative Stress. <i>Frontiers in Microbiology</i> , 2021, 12, 746770.	1.5	9
16	Genomic characteristics of <i>Listeria monocytogenes</i> isolated during mushroom (<i>Agaricus bisporus</i>) production and processing. <i>International Journal of Food Microbiology</i> , 2021, 360, 109438.	2.1	16
17	Heterogeneity in single-cell outgrowth of <i>Listeria monocytogenes</i> in half Fraser enrichment broth is affected by strain variability and physiological state. <i>Food Research International</i> , 2021, 150, 110783.	2.9	5
18	Different carbon sources result in differential activation of sigma B and stress resistance in <i>Listeria monocytogenes</i> . <i>International Journal of Food Microbiology</i> , 2020, 320, 108504.	2.1	12

#	ARTICLE	IF	CITATIONS
19	Characterization of sporulation dynamics of <i>Pseudoclostridium thermosuccinogenes</i> using flow cytometry. <i>Anaerobe</i> , 2020, 63, 102208.	1.0	8
20	Delivery of genome editing tools by bacterial extracellular vesicles. <i>Microbial Biotechnology</i> , 2019, 12, 71-73.	2.0	12
21	Inactivation of conidia from three <i>Penicillium</i> spp. isolated from fruit juices by conventional and alternative mild preservation technologies and disinfection treatments. <i>Food Microbiology</i> , 2019, 81, 108-114.	2.1	31
22	Long-chain vitamin K2 production in <i>Lactococcus lactis</i> is influenced by temperature, carbon source, aeration and mode of energy metabolism. <i>Microbial Cell Factories</i> , 2019, 18, 129.	1.9	31
23	Dynamic modelling of brewers' yeast and <i>Cyberlindnera fabianii</i> co-culture behaviour for steering fermentation performance. <i>Food Microbiology</i> , 2019, 83, 113-121.	2.1	8
24	Application of a partial cell recycling chemostat for continuous production of aroma compounds at near-zero growth rates. <i>BMC Research Notes</i> , 2019, 12, 173.	0.6	5
25	Aroma formation in retentostat co-cultures of <i>Lactococcus lactis</i> and <i>Leuconostoc mesenteroides</i> . <i>Food Microbiology</i> , 2019, 82, 151-159.	2.1	19
26	Bacterial Microcompartment-Dependent 1,2-Propanediol Utilization Stimulates Anaerobic Growth of <i>Listeria monocytogenes</i> EGDe. <i>Frontiers in Microbiology</i> , 2019, 10, 2660.	1.5	22
27	Role of cell surface composition and lysis in static biofilm formation by <i>Lactobacillus plantarum</i> WCFS1. <i>International Journal of Food Microbiology</i> , 2018, 271, 15-23.	2.1	11
28	Quantitative physiology and aroma formation of a dairy <i>Lactococcus lactis</i> at near-zero growth rates. <i>Food Microbiology</i> , 2018, 73, 216-226.	2.1	38
29	Glycerol metabolism induces <i>Listeria monocytogenes</i> biofilm formation at the air-liquid interface. <i>International Journal of Food Microbiology</i> , 2018, 273, 20-27.	2.1	19
30	Dynamics in Copy Numbers of Five Plasmids of a Dairy <i>Lactococcus lactis</i> Strain under Dairy-Related Conditions Including Near-Zero Growth Rates. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	2
31	Citrate, low pH and amino acid limitation induce citrate utilization in <i>Lactococcus lactis</i> biovar diacetylactis. <i>Microbial Biotechnology</i> , 2018, 11, 369-380.	2.0	24
32	Aroma formation during cheese ripening is best resembled by <i>Lactococcus lactis</i> retentostat cultures. <i>Microbial Cell Factories</i> , 2018, 17, 104.	1.9	26
33	Gene profiling-based phenotyping for identification of cellular parameters that contribute to fitness, stress-tolerance and virulence of <i>Listeria monocytogenes</i> variants. <i>International Journal of Food Microbiology</i> , 2018, 283, 14-21.	2.1	15
34	Gram-Positive Bacterial Extracellular Vesicles and Their Impact on Health and Disease. <i>Frontiers in Microbiology</i> , 2018, 9, 1502.	1.5	191
35	Large plasmidome of dairy <i>Lactococcus lactis</i> subsp. <i>lactis</i> biovar diacetylactis FM03P encodes technological functions and appears highly unstable. <i>BMC Genomics</i> , 2018, 19, 620.	1.2	40
36	Tiny but mighty: bacterial membrane vesicles in food biotechnological applications. <i>Current Opinion in Biotechnology</i> , 2018, 49, 179-184.	3.3	20

#	ARTICLE	IF	CITATIONS
37	Analysis of Germination Capacity and Germinant Receptor (Sub)clusters of Genome-Sequenced <i>Bacillus cereus</i> Environmental Isolates and Model Strains. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	12
38	Genome Sequences of <i>Cyberlindnera fabianii</i> 65, <i>Pichia kudriavzevii</i> 129, and <i>Saccharomyces cerevisiae</i> 131 Isolated from Fermented Masau Fruits in Zimbabwe. <i>Genome Announcements</i> , 2017, 5, .	0.8	9
39	Persistent <i>Listeria monocytogenes</i> strains isolated from mussel production facilities form more biofilm but are not linked to specific genetic markers. <i>International Journal of Food Microbiology</i> , 2017, 256, 45-53.	2.1	50
40	Quantitative assessment of viable cells of <i>Lactobacillus plantarum</i> strains in single, dual and multi-strain biofilms. <i>International Journal of Food Microbiology</i> , 2017, 244, 43-51.	2.1	7
41	Performance of non-conventional yeasts in co-culture with brewers' yeast for steering ethanol and aroma production. <i>Microbial Biotechnology</i> , 2017, 10, 1591-1602.	2.0	63
42	Isolation and characterization of <i>Lactobacillus helveticus</i> DSM 20075 variants with improved autolytic capacity. <i>International Journal of Food Microbiology</i> , 2017, 241, 173-180.	2.1	13
43	Complete Genome Sequences of <i>Lactococcus lactis</i> subsp. <i>lactis</i> bv. <i>diacetylactis</i> FM03 and <i>Leuconostoc mesenteroides</i> FM06 Isolated from Cheese. <i>Genome Announcements</i> , 2017, 5, .	0.8	6
44	Comparative Genomics of Iron-Transporting Systems in <i>Bacillus cereus</i> Strains and Impact of Iron Sources on Growth and Biofilm Formation. <i>Frontiers in Microbiology</i> , 2016, 7, 842.	1.5	26
45	Recovery of Heat Treated <i>Bacillus cereus</i> Spores Is Affected by Matrix Composition and Factors with Putative Functions in Damage Repair. <i>Frontiers in Microbiology</i> , 2016, 7, 1096.	1.5	7
46	Linking <i>Bacillus cereus</i> Genotypes and Carbohydrate Utilization Capacity. <i>PLoS ONE</i> , 2016, 11, e0156796.	1.1	35
47	Identification of CdnL, a Putative Transcriptional Regulator Involved in Repair and Outgrowth of Heat-Damaged <i>Bacillus cereus</i> Spores. <i>PLoS ONE</i> , 2016, 11, e0148670.	1.1	8
48	Modeling and Validation of the Ecological Behavior of Wild-Type <i>Listeria monocytogenes</i> and Stress-Resistant Variants. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5389-5401.	1.4	15
49	Draft Whole-Genome Sequences of Three <i>Lactobacillus plantarum</i> Food Isolates. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
50	Draft Genome Sequences of Four Thermophilic Spore Formers Isolated from a Dairy-Processing Environment. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
51	Draft Whole-Genome Sequences of 11 <i>Bacillus cereus</i> Food Isolates. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
52	Bacterial Spores in Food: Survival, Emergence, and Outgrowth. <i>Annual Review of Food Science and Technology</i> , 2016, 7, 457-482.	5.1	117
53	Sporulation dynamics and spore heat resistance in wet and dry biofilms of <i>Bacillus cereus</i> . <i>Food Control</i> , 2016, 60, 493-499.	2.8	31
54	Amplicon sequencing for the quantification of spoilage microbiota in complex foods including bacterial spores. <i>Microbiome</i> , 2015, 3, 30.	4.9	21

#	ARTICLE	IF	CITATIONS
55	<i>Listeria monocytogenes</i> repellence by enzymatically modified PES surfaces. Journal of Applied Polymer Science, 2015, 132, .	1.3	8
56	Diversity of acid stress resistant variants of <i>Listeria monocytogenes</i> and the potential role of ribosomal protein S21 encoded by rpsU. Frontiers in Microbiology, 2015, 6, 422.	1.5	35
57	Genome-Wide Transcriptional Profiling of <i>Clostridium perfringens</i> SM101 during Sporulation Extends the Core of Putative Sporulation Genes and Genes Determining Spore Properties and Germination Characteristics. PLoS ONE, 2015, 10, e0127036.	1.1	13
58	<i>Bacillus cereus</i> ATCC 14579 RpoN (Sigma 54) Is a Pleiotropic Regulator of Growth, Carbohydrate Metabolism, Motility, Biofilm Formation and Toxin Production. PLoS ONE, 2015, 10, e0134872.	1.1	59
59	Characterisation of biofilms formed by <i>Lactobacillus plantarum</i> WCFS1 and food spoilage isolates. International Journal of Food Microbiology, 2015, 207, 23-29.	2.1	66
60	Comparative analysis of biofilm formation by <i>Bacillus cereus</i> reference strains and undomesticated food isolates and the effect of free iron. International Journal of Food Microbiology, 2015, 200, 72-79.	2.1	72
61	Involvement of the CasK/R two-component system in optimal unsaturation of the <i>Bacillus cereus</i> fatty acids during low-temperature growth. International Journal of Food Microbiology, 2015, 213, 110-117.	2.1	13
62	Impact of growth conditions and role of sigB on <i>Listeria monocytogenes</i> fitness in single and mixed biofilms cultured with <i>Lactobacillus plantarum</i> . Food Research International, 2015, 71, 140-145.	2.9	9
63	Performance of stress resistant variants of <i>Listeria monocytogenes</i> in mixed species biofilms with <i>Lactobacillus plantarum</i> . International Journal of Food Microbiology, 2015, 213, 24-30.	2.1	11
64	Influence of food matrix on outgrowth heterogeneity of heat damaged <i>Bacillus cereus</i> spores. International Journal of Food Microbiology, 2015, 201, 27-34.	2.1	28
65	Differential outgrowth potential of <i>Clostridium perfringens</i> food-borne isolates with various cpe-genotypes in vacuum-packed ground beef during storage at 12°C. International Journal of Food Microbiology, 2015, 194, 40-45.	2.1	9
66	Inactivation of chemical and heat-resistant spores of <i>Bacillus</i> and <i>Geobacillus</i> by nitrogen cold atmospheric plasma evokes distinct changes in morphology and integrity of spores. Food Microbiology, 2015, 45, 26-33.	2.1	69
67	Diversity assessment of <i>Listeria monocytogenes</i> biofilm formation: Impact of growth condition, serotype and strain origin. International Journal of Food Microbiology, 2013, 165, 259-264.	2.1	163
68	Surface behaviour of <i>S. Typhimurium</i> , <i>S. Derby</i> , <i>S. Brandenburg</i> and <i>S. Infantis</i> . Veterinary Microbiology, 2013, 161, 305-314.	0.8	34
69	Isolation and quantification of highly acid resistant variants of <i>Listeria monocytogenes</i> . International Journal of Food Microbiology, 2013, 166, 508-514.	2.1	56
70	Complete Genome Sequence of <i>Anoxybacillus flavithermus</i> TNO-09.006, a Thermophilic Sporeformer Associated with a Dairy-Processing Environment. Genome Announcements, 2013, 1, .	0.8	18
71	Abiotic and Microbiotic Factors Controlling Biofilm Formation by Thermophilic Sporeformers. Applied and Environmental Microbiology, 2013, 79, 5652-5660.	1.4	43
72	Catalase Activity as a Biomarker for Mild-Stress-Induced Robustness in <i>Bacillus weihenstephanensis</i> . Applied and Environmental Microbiology, 2013, 79, 57-62.	1.4	30

#	ARTICLE	IF	CITATIONS
73	Effect of respiration and manganese on oxidative stress resistance of <i>Lactobacillus plantarum</i> WCFS1. <i>Microbiology</i> (United Kingdom), 2012, 158, 293-300.	0.7	54
74	Impact of Sorbic Acid on Germination and Outgrowth Heterogeneity of <i>Bacillus cereus</i> ATCC 14579 Spores. <i>Applied and Environmental Microbiology</i> , 2012, 78, 8477-8480.	1.4	10
75	Complete Genome Sequence of <i>Geobacillus thermoglucosidans</i> TNO-09.020, a Thermophilic Sporeformer Associated with a Dairy-Processing Environment. <i>Journal of Bacteriology</i> , 2012, 194, 4118-4118.	1.0	31
76	Diversity in biofilm formation and production of curli fimbriae and cellulose of <i>Salmonella</i> Typhimurium strains of different origin in high and low nutrient medium. <i>Biofouling</i> , 2012, 28, 51-63.	0.8	75
77	A multicomponent sugar phosphate sensor system specifically induced in <i>Bacillus cereus</i> during infection of the insect gut. <i>FASEB Journal</i> , 2012, 26, 3336-3350.	0.2	11
78	Primary and secondary oxidative stress in <i>Bacillus</i> . <i>Environmental Microbiology</i> , 2011, 13, 1387-1394.	1.8	124
79	<i>Bacillus cereus</i> responses to acid stress. <i>Environmental Microbiology</i> , 2011, 13, 2835-2843.	1.8	61
80	Germination and outgrowth of spores of <i>Bacillus cereus</i> group members: Diversity and role of germinant receptors. <i>Food Microbiology</i> , 2011, 28, 199-208.	2.1	89
81	Clostridial spore germination versus bacilli: Genome mining and current insights. <i>Food Microbiology</i> , 2011, 28, 266-274.	2.1	59
82	Mixed species biofilms of <i>Listeria monocytogenes</i> and <i>Lactobacillus plantarum</i> show enhanced resistance to benzalkonium chloride and peracetic acid. <i>International Journal of Food Microbiology</i> , 2011, 144, 421-431.	2.1	184
83	Heat stress leads to superoxide formation in <i>Bacillus cereus</i> detected using the fluorescent probe MitoSOX. <i>International Journal of Food Microbiology</i> , 2011, 151, 119-122.	2.1	22
84	Understanding microbial behavior within and outside the host to improve food functionality and safety. <i>Current Opinion in Biotechnology</i> , 2011, 22, 133-135.	3.3	0
85	From transcriptional landscapes to the identification of biomarkers for robustness. <i>Microbial Cell Factories</i> , 2011, 10, S9.	1.9	29
86	Biofilm formation and dispersal in Gram-positive bacteria. <i>Current Opinion in Biotechnology</i> , 2011, 22, 172-179.	3.3	240
87	Bacterial spores in food: how phenotypic variability complicates prediction of spore properties and bacterial behavior. <i>Current Opinion in Biotechnology</i> , 2011, 22, 180-186.	3.3	47
88	Isolation of Highly Heat-Resistant <i>Listeria monocytogenes</i> Variants by Use of a Kinetic Modeling-Based Sampling Scheme. <i>Applied and Environmental Microbiology</i> , 2011, 77, 2617-2624.	1.4	24
89	Novel γ B regulation modules of Gram-positive bacteria involve the use of complex hybrid histidine kinases. <i>Microbiology</i> (United Kingdom), 2011, 157, 3-12.	0.7	31
90	Generation of Variants in <i>Listeria monocytogenes</i> Continuous-Flow Biofilms Is Dependent on Radical-Induced DNA Damage and RecA-Mediated Repair. <i>PLoS ONE</i> , 2011, 6, e28590.	1.1	21

#	ARTICLE	IF	CITATIONS
91	Comparative analysis of transcriptional and physiological responses of <i>Bacillus cereus</i> to organic and inorganic acid shocks. <i>International Journal of Food Microbiology</i> , 2010, 137, 13-21.	2.1	45
92	Germinant receptor diversity and germination responses of four strains of the <i>Bacillus cereus</i> group. <i>International Journal of Food Microbiology</i> , 2010, 139, 108-115.	2.1	41
93	Comparative analysis of <i>Bacillus weihenstephanensis</i> KBAB4 spores obtained at different temperatures. <i>International Journal of Food Microbiology</i> , 2010, 140, 146-153.	2.1	49
94	A novel hybrid kinase is essential for regulating the σ^B -mediated stress response of <i>Bacillus cereus</i> . <i>Environmental Microbiology</i> , 2010, 12, 730-745.	1.8	30
95	Analysis of acid-stressed <i>Bacillus cereus</i> reveals a major oxidative response and inactivation-associated radical formation. <i>Environmental Microbiology</i> , 2010, 12, 873-885.	1.8	88
96	Short- and Long-Term Biomarkers for Bacterial Robustness: A Framework for Quantifying Correlations between Cellular Indicators and Adaptive Behavior. <i>PLoS ONE</i> , 2010, 5, e13746.	1.1	45
97	HrcA and DnaK are important for static and continuous-flow biofilm formation and disinfectant resistance in <i>Listeria monocytogenes</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 3782-3790.	0.7	33
98	Population Diversity of <i>Listeria monocytogenes</i> LO28: Phenotypic and Genotypic Characterization of Variants Resistant to High Hydrostatic Pressure. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2225-2233.	1.4	48
99	Importance of SigB for <i>Listeria monocytogenes</i> Static and Continuous-Flow Biofilm Formation and Disinfectant Resistance. <i>Applied and Environmental Microbiology</i> , 2010, 76, 7854-7860.	1.4	105
100	Comparative Transcriptomic and Phenotypic Analysis of the Responses of <i>Bacillus cereus</i> to Various Disinfectant Treatments. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3352-3360.	1.4	88
101	Direct-Imaging-Based Quantification of <i>Bacillus cereus</i> ATCC 14579 Population Heterogeneity at a Low Incubation Temperature. <i>Applied and Environmental Microbiology</i> , 2010, 76, 927-930.	1.4	11
102	Dependence of Continuous-Flow Biofilm Formation by <i>Listeria monocytogenes</i> EGD-e on SOS Response Factor YneA. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1992-1995.	1.4	39
103	The SOS response of <i>Listeria monocytogenes</i> is involved in stress resistance and mutagenesis. <i>Microbiology (United Kingdom)</i> , 2010, 156, 374-384.	0.7	84
104	Role of Germinant Receptors in Caco-2 Cell-Initiated Germination of <i>Bacillus cereus</i> ATCC 14579 Endospores. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1201-1203.	1.4	11
105	Phenotypic and Transcriptomic Analyses of Mildly and Severely Salt-Stressed <i>Bacillus cereus</i> ATCC 14579 Cells. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4111-4119.	1.4	95
106	The impact of oxygen availability on stress survival and radical formation of <i>Bacillus cereus</i> . <i>International Journal of Food Microbiology</i> , 2009, 135, 303-311.	2.1	32
107	The identification of response regulator-specific binding sites reveals new roles of two-component systems in <i>Bacillus cereus</i> and closely related low-GC Gram-positives. <i>Environmental Microbiology</i> , 2008, 10, 2796-2809.	1.8	36
108	Role of Ureolytic Activity in <i>Bacillus cereus</i> Nitrogen Metabolism and Acid Survival. <i>Applied and Environmental Microbiology</i> , 2008, 74, 2370-2378.	1.4	30

#	ARTICLE	IF	CITATIONS
109	Inactivation Kinetics of Three <i>Listeria monocytogenes</i> Strains under High Hydrostatic Pressure. <i>Journal of Food Protection</i> , 2008, 71, 2007-2013.	0.8	47
110	Identification of the σ^B Regulon of <i>Bacillus cereus</i> and Conservation of σ^B -Regulated Genes in Low-GC-Content Gram-Positive Bacteria. <i>Journal of Bacteriology</i> , 2007, 189, 4384-4390.	1.0	53
111	The heat-shock response of <i>Listeria monocytogenes</i> comprises genes involved in heat shock, cell division, cell wall synthesis, and the SOS response. <i>Microbiology (United Kingdom)</i> , 2007, 153, 3593-3607.	0.7	120
112	Quantitative Analysis of Population Heterogeneity of the Adaptive Salt Stress Response and Growth Capacity of <i>Bacillus cereus</i> ATCC 14579. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4797-4804.	1.4	38
113	Air-Liquid Interface Biofilms of <i>Bacillus cereus</i> : Formation, Sporulation, and Dispersion. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1481-1488.	1.4	217
114	Metabolic capacity of <i>Bacillus cereus</i> strains ATCC 14579 and ATCC 10987 interlinked with comparative genomics. <i>Environmental Microbiology</i> , 2007, 9, 2933-2944.	1.8	47
115	Survival, Elongation, and Elevated Tolerance of <i>Salmonella enterica</i> Serovar Enteritidis at Reduced Water Activity. <i>Journal of Food Protection</i> , 2006, 69, 2681-2686.	0.8	50
116	Characterization of Germination Receptors of <i>Bacillus cereus</i> ATCC 14579. <i>Applied and Environmental Microbiology</i> , 2006, 72, 44-53.	1.4	79
117	Influence of Sporulation Medium Composition on Transcription of <i>ger</i> Operons and the Germination Response of Spores of <i>Bacillus cereus</i> ATCC 14579. <i>Applied and Environmental Microbiology</i> , 2006, 72, 3746-3749.	1.4	63
118	Distribution of prophages and SGI-1 antibiotic-resistance genes among different <i>Salmonella enterica</i> serovar Typhimurium isolates. <i>Microbiology (United Kingdom)</i> , 2006, 152, 2137-2147.	0.7	25
119	Comparative analysis of two-component signal transduction systems of <i>Bacillus cereus</i> , <i>Bacillus thuringiensis</i> and <i>Bacillus anthracis</i> . <i>Microbiology (United Kingdom)</i> , 2006, 152, 3035-3048.	0.7	48
120	The role of σ^B in the stress response of Gram-positive bacteria – targets for food preservation and safety. <i>Current Opinion in Biotechnology</i> , 2005, 16, 218-224.	3.3	161
121	Deletion of the <i>sigB</i> Gene in <i>Bacillus cereus</i> ATCC 14579 Leads to Hydrogen Peroxide Hyperresistance. <i>Applied and Environmental Microbiology</i> , 2005, 71, 6427-6430.	1.4	18
122	<i>gerR</i> , a Novel <i>ger</i> Operon Involved in L-Alanine- and Inosine-Initiated Germination of <i>Bacillus cereus</i> ATCC 14579. <i>Applied and Environmental Microbiology</i> , 2005, 71, 774-781.	1.4	72
123	Analysis of the Role of <i>RsbV</i> , <i>RsbW</i> , and <i>RsbY</i> in Regulating σ^B Activity in <i>Bacillus cereus</i> . <i>Journal of Bacteriology</i> , 2005, 187, 5846-5851.	1.0	43
124	Influence of Glutamate on Growth, Sporulation, and Spore Properties of <i>Bacillus cereus</i> ATCC 14579 in Defined Medium. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3248-3254.	1.4	48
125	Identification of Sigma Factor σ^B -Controlled Genes and Their Impact on Acid Stress, High Hydrostatic Pressure, and Freeze Survival in <i>Listeria monocytogenes</i> EGD-e. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3457-3466.	1.4	185
126	Molecular and Physiological Analysis of the Role of Osmolyte Transporters <i>BetL</i> , <i>Gbu</i> , and <i>OpuC</i> in Growth of <i>Listeria monocytogenes</i> at Low Temperatures. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2912-2918.	1.4	105

#	ARTICLE	IF	CITATIONS
127	Growth and Sporulation of <i>Bacillus cereus</i> ATCC 14579 under Defined Conditions: Temporal Expression of Genes for Key Sigma Factors. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2514-2519.	1.4	67
128	The Alternative Sigma Factor σ^B of <i>Bacillus cereus</i> : Response to Stress and Role in Heat Adaptation. <i>Journal of Bacteriology</i> , 2004, 186, 316-325.	1.0	72
129	Identification of σ^B -Dependent Genes in <i>Bacillus cereus</i> by Proteome and In Vitro Transcription Analysis. <i>Journal of Bacteriology</i> , 2004, 186, 4100-4109.	1.0	26
130	Impact of genomics on microbial food safety. <i>Trends in Biotechnology</i> , 2004, 22, 653-660.	4.9	40
131	Identification of Proteins Involved in the Heat Stress Response of <i>Bacillus cereus</i> ATCC 14579. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3486-3495.	1.4	117
132	Cold Shock Proteins of <i>Lactococcus lactis</i> MG1363 Are Involved in Cryoprotection and in the Production of Cold-Induced Proteins. <i>Applied and Environmental Microbiology</i> , 2001, 67, 5171-5178.	1.4	58
133	Analysis of the Role of OpuC, an Osmolyte Transport System, in Salt Tolerance and Virulence Potential of <i>Listeria monocytogenes</i> . <i>Applied and Environmental Microbiology</i> , 2001, 67, 2692-2698.	1.4	151
134	Physiological and Regulatory Effects of Controlled Overproduction of Five Cold Shock Proteins of <i>Lactococcus lactis</i> MG1363. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3756-3763.	1.4	43
135	Changes in Glycolytic Activity of <i>Lactococcus lactis</i> Induced by Low Temperature. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3686-3691.	1.4	74
136	Microbial stress response in minimal processing. <i>International Journal of Food Microbiology</i> , 1999, 50, 65-91.	2.1	378
137	Analysis of the role of 7 kDa cold-shock proteins of <i>Lactococcus lactis</i> MG1363 in cryoprotection. <i>Microbiology (United Kingdom)</i> , 1999, 145, 3185-3194.	0.7	67
138	Pore-forming bacteriocins of gram-positive bacteria and self-protection mechanisms of producer organisms. <i>FEMS Microbiology Letters</i> , 1995, 129, 1-10.	0.7	103
139	<i>Listeria monocytogenes</i> High Hydrostatic Pressure Resistance and Survival Strategies. , 0, , 101-115.		1