# Siegfried Scherer

## List of Publications by Year in Descending Order



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| 217 papers | 9,342 citations | 56 h-index | 88 g-index |
| 219 ext. papers | 10,581 ext. citations | 4 avg, IF | 6 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 217 | Spotlight on alternative frame coding: Two long overlapping genes in are translated and under purifying selection.. *IScience*, **2022**, 25, 103844 | 6.1 | 2 |
| 216 | Towards low-spore milk powders: A review on microbiological challenges of dairy powder production with focus on aerobic mesophilic and thermophilic spores. *International Dairy Journal*, **2021**, 126, 105252 | 3.5 | 0 |
| 215 | Amplicon-sequencing of raw milk microbiota: impact of DNA extraction and library-PCR. *Applied Microbiology and Biotechnology*, **2021**, 105, 4761-4773 | 5.7 | 1 |
| 214 | sp. nov., a novel proteolytic species isolated from cream. *International Journal of Systematic and Evolutionary Microbiology*, **2021**, 71, | 2.2 | 2 |
| 213 | Simultaneous quantification of the most common and proteolytic Pseudomonas species in raw milk by multiplex qPCR. *Applied Microbiology and Biotechnology*, **2021**, 105, 1693-1708 | 5.7 | 5 |
| 212 | A Strong Synergy Between the Thiopeptide Bacteriocin Micrococcin P1 and Rifampicin Against MRSA in a Murine Skin Infection Model. *Frontiers in Immunology*, **2021**, 12, 676534 | 8.4 | 2 |
| 211 | sp. nov., isolated from raw milk. *International Journal of Systematic and Evolutionary Microbiology*, **2021**, 71, | 2.2 | 1 |
| 210 | Biological factors in the synthetic construction of overlapping genes.. *BMC Genomics*, **2021**, 22, 888 | 4.5 | 0 |
| 209 | Genetic Organization of the Operon Affects the Proteolytic Potential of Species in Milk. *Frontiers in Microbiology*, **2020**, 11, 1190 | 5.7 | 6 |
| 208 | Complementary Use of Cultivation and High-Throughput Amplicon Sequencing Reveals High Biodiversity Within Raw Milk Microbiota. *Frontiers in Microbiology*, **2020**, 11, 1557 | 5.7 | 9 |
| 207 | gen. nov., sp. nov., a novel genus of the family isolated from bulk tank milk. *International Journal of Systematic and Evolutionary Microbiology*, **2020**, 70, 4774-4781 | 2.2 | 0 |
| 206 | sp. nov., isolated from raw milk and skimmed milk concentrate. *International Journal of Systematic and Evolutionary Microbiology*, **2020**, 70, 935-943 | 2.2 | 4 |
| 205 | gen. nov., sp. nov., a novel bacterium of the family isolated from raw milk and dairy products and reclassification of as comb. nov. *International Journal of Systematic and Evolutionary Microbiology*, **2020**, 70, 2186-2193 | 2.2 | 5 |
| 204 | sp. nov., isolated from raw milk and skimmed milk concentrate. *International Journal of Systematic and Evolutionary Microbiology*, **2020**, 70, 2339-2347 | 2.2 | 5 |
| 203 | Thermally induced milk fouling: Survival of thermophilic spore formers and potential of contamination. *International Dairy Journal*, **2020**, 101, 104582 | 3.5 | 4 |
| 202 | High counts of thermophilic spore formers in dairy powders originate from persisting strains in processing lines. *International Journal of Food Microbiology*, **2020**, 335, 108888 | 5.8 | 6 |
| 201 | Are Antisense Proteins in Prokaryotes Functional?. *Frontiers in Molecular Biosciences*, **2020**, 7, 187 | 5.6 | 8 |

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| 200 | A Novel pH-Regulated, Unusual 603 bp Overlapping Protein Coding Gene Is Encoded Antisense to in O157:H7 (EHEC). *Frontiers in Microbiology*, **2020**, 11, 377 | 5.7 | 7 |
| 199 | Resistance of thermophilic spore formers isolated from milk and whey products towards cleaning-in-place conditions: Influence of pH, temperature and milk residues. *Food Microbiology*, **2019**, 83, 150-158 | 6 | 11 |
| 198 | Proposal of Lysobacter pythonis sp. nov. isolated from royal pythons (Python regius). *Systematic and Applied Microbiology*, **2019**, 42, 326-333 | 4.2 | 3 |
| 197 | Accurate quantification of thermophilic spores in dairy powders. *International Dairy Journal*, **2019**, 98, 64-71 | 3.5 | 8 |
| 196 | Reprogramming Human Siderocalin To Neutralize Petrobactin, the Essential Iron Scavenger of Anthrax Bacillus. *Angewandte Chemie - International Edition*, **2018**, 57, 14619-14623 | 16.4 | 15 |
| 195 | The Novel Anaerobiosis-Responsive Overlapping Gene Is Overlapping Antisense to the Annotated Gene ECs2385 of O157:H7 Sakai. *Frontiers in Microbiology*, **2018**, 9, 931 | 5.7 | 15 |
| 194 | A novel short L-arginine responsive protein-coding gene (laoB) antiparallel overlapping to a CadC-like transcriptional regulator in Escherichia coli O157:H7 Sakai originated by overprinting. *BMC Evolutionary Biology*, **2018**, 18, 21 | 3 | 15 |
| 193 | Neuprogrammierung von humanem Siderocalin zur Neutralisierung von Petrobactin, dem essenziellen Eisenfänger des Milzbrand-Bazillus. *Angewandte Chemie*, **2018**, 130, 14829-14833 | 3.6 | 1 |
| 192 | Finding New Overlapping Genes and Their Theory (FOG Theory). *Lecture Notes in Bioengineering*, **2018**, 137-159 | 0.8 | |
| 191 | Innenrücktitelbild: Neuprogrammierung von humanem Siderocalin zur Neutralisierung von Petrobactin, dem essenziellen Eisenfänger des Milzbrand-Bazillus (Angew. Chem. 44/2018). *Angewandte Chemie*, **2018**, 130, 14867-14867 | 3.6 | |
| 190 | The novel EHEC gene asa overlaps the TEGT transporter gene in antisense and is regulated by NaCl and growth phase. *Scientific Reports*, **2018**, 8, 17875 | 4.9 | 16 |
| 189 | Dynamic Proteome Alteration and Functional Modulation of Human Saliva Induced by Dietary Chemosensory Stimuli. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 5621-5634 | 5.7 | 12 |
| 188 | Growth inhibition of Listeria monocytogenes by bacteriocin-producing Staphylococcus equorum SE3 in cheese models. *Food Control*, **2017**, 71, 50-56 | 6.2 | 13 |
| 187 | VisExpress: Visual exploration of differential gene expression data. *Information Visualization*, **2017**, 16, 48-73 | 2.4 | 2 |
| 186 | Differentiation of ncRNAs from small mRNAs in Escherichia coli O157:H7 EDL933 (EHEC) by combined RNAseq and RIBOseq - ryhB encodes the regulatory RNA RyhB and a peptide, RyhP. *BMC Genomics*, **2017**, 18, 216 | 4.5 | 24 |
| 185 | Thermal resistance of vegetative thermophilic spore forming bacilli in skim milk isolated from dairy environments. *Food Control*, **2017**, 82, 114-120 | 6.2 | 17 |
| 184 | Transcriptional and translational regulation by RNA thermometers, riboswitches and the sRNA DsrA in Escherichia coli O157:H7 Sakai under combined cold and osmotic stress adaptation. *FEMS Microbiology Letters*, **2017**, 364, | 2.9 | 13 |
| 183 | Spoilage of Microfiltered and Pasteurized Extended Shelf Life Milk Is Mainly Induced by Psychrotolerant Spore-Forming Bacteria that often Originate from Recontamination. *Frontiers in Microbiology*, **2017**, 8, 135 | 5.7 | 33 |

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| 182 | Simulating Intestinal Growth Conditions Enhances Toxin Production of Enteropathogenic. *Frontiers in Microbiology*, **2017**, 8, 627 | 5.7 | 26 |
| 181 | Complete Circular Genome Sequence and Temperature Independent Adaptation to Anaerobiosis of DSM 24698. *Frontiers in Microbiology*, **2017**, 8, 1672 | 5.7 | 1 |
| 180 | Discovery of numerous novel small genes in the intergenic regions of the Escherichia coli O157:H7 Sakai genome. *PLoS ONE*, **2017**, 12, e0184119 | 3.7 | 17 |
| 179 | Pseudomonas lactis sp. nov. and Pseudomonas paralactis sp. nov., isolated from bovine raw milk. *International Journal of Systematic and Evolutionary Microbiology*, **2017**, 67, 1656-1664 | 2.2 | 28 |
| 178 | A Sensitive and Robust Method for Direct Determination of Lipolytic Activity in Natural Milk Environment. *Food Analytical Methods*, **2016**, 9, 646-655 | 3.4 | 11 |
| 177 | Draft Genome Sequences of Three European Laboratory Derivatives from Enterohemorrhagic Escherichia coli O157:H7 Strain EDL933, Including Two Plasmids. *Genome Announcements*, **2016**, 4, | | 5 |
| 176 | Thermostability of peptidases secreted by microorganisms associated with raw milk. *International Dairy Journal*, **2016**, 56, 186-197 | 3.5 | 25 |
| 175 | Comparative Bioinformatics and Experimental Analysis of the Intergenic Regulatory Regions of Bacillus cereus hbl and nhe Enterotoxin Operons and the Impact of CodY on Virulence Heterogeneity. *Frontiers in Microbiology*, **2016**, 7, 768 | 5.7 | 18 |
| 174 | Optimized Illumina PCR-free library preparation for bacterial whole genome sequencing and analysis of factors influencing de novo assembly. *BMC Research Notes*, **2016**, 9, 269 | 2.3 | 49 |
| 173 | Permanent colonization of creek sediments, creek water and limnic water plants by four Listeria species in low population densities. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2016**, 71, 335-345 | 1.7 | 0 |
| 172 | Growth of Pseudomonas weihenstephanensis, Pseudomonas proteolytica and Pseudomonas sp. in raw milk: Impact of residual heat-stable enzyme activity on stability of UHT milk during shelf-life. *International Dairy Journal*, **2016**, 59, 20-28 | 3.5 | 57 |
| 171 | Acidified nitrite inhibits proliferation of Listeria monocytogenes - Transcriptional analysis of a preservation method. *International Journal of Food Microbiology*, **2016**, 226, 33-41 | 5.8 | 7 |
| 170 | Translatomics combined with transcriptomics and proteomics reveals novel functional, recently evolved orphan genes in Escherichia coli O157:H7 (EHEC). *BMC Genomics*, **2016**, 17, 133 | 4.5 | 25 |
| 169 | Quantification of the proteolytic and lipolytic activity of microorganisms isolated from raw milk. *International Dairy Journal*, **2015**, 49, 23-29 | 3.5 | 53 |
| 168 | Biodiversity of refrigerated raw milk microbiota and their enzymatic spoilage potential. *International Journal of Food Microbiology*, **2015**, 211, 57-65 | 5.8 | 134 |
| 167 | Isolation and characterisation of a heat-resistant peptidase from Pseudomonas panacis withstanding general UHT processes. *International Dairy Journal*, **2015**, 49, 46-55 | 3.5 | 31 |
| 166 | Multiparametric Quantitation of the Bacillus cereus Toxins Cereulide and Isocereulides A-G in Foods. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 8307-13 | 5.7 | 19 |
| 165 | Depsipeptide Intermediates Interrogate Proposed Biosynthesis of Cereulide, the Emetic Toxin of Bacillus cereus. *Scientific Reports*, **2015**, 5, 10637 | 4.9 | 25 |

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| 164 | Massive horizontal gene transfer, strictly vertical inheritance and ancient duplications differentially shape the evolution of Bacillus cereus enterotoxin operons hbl, cytK and nhe. *BMC Evolutionary Biology*, **2015**, 15, 246 | 3 | 79 |
| 163 | Evidence for the recent origin of a bacterial protein-coding, overlapping orphan gene by evolutionary overprinting. *BMC Evolutionary Biology*, **2015**, 15, 283 | 3 | 23 |
| 162 | The Food Additives Nitrite and Nitrate and Microbiological Safety of Food Products. *Current Research in Microbiology*, **2015**, 6, 1-3 | | 2 |
| 161 | The mutation Glu151Asp in the B-component of the Bacillus cereus non-hemolytic enterotoxin (Nhe) leads to a diverging reactivity in antibody-based detection systems. *Toxins*, **2015**, 7, 4655-67 | 4.9 | 5 |
| 160 | From genome to toxicity: a combinatory approach highlights the complexity of enterotoxin production in Bacillus cereus. *Frontiers in Microbiology*, **2015**, 6, 560 | 5.7 | 63 |
| 159 | Ces locus embedded proteins control the non-ribosomal synthesis of the cereulide toxin in emetic Bacillus cereus on multiple levels. *Frontiers in Microbiology*, **2015**, 6, 1101 | 5.7 | 24 |
| 158 | Draft Genome Sequence of Bacillus cytotoxicus CVUAS 2833, a Very Close Relative to Type Strain NVH 391-98 Isolated from a Different Location. *Genome Announcements*, **2015**, 3, | | 2 |
| 157 | Chemodiversity of cereulide, the emetic toxin of Bacillus cereus. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 2439-53 | 4.4 | 39 |
| 156 | Stress response of Salmonella enterica serovar typhimurium to acidified nitrite. *Applied and Environmental Microbiology*, **2014**, 80, 6373-82 | 4.8 | 21 |
| 155 | Comparison of strand-specific transcriptomes of enterohemorrhagic Escherichia coli O157:H7 EDL933 (EHEC) under eleven different environmental conditions including radish sprouts and cattle feces. *BMC Genomics*, **2014**, 15, 353 | 4.5 | 39 |
| 154 | Contribution of the NO-detoxifying enzymes HmpA, NorV and NrfA to nitrosative stress protection of Salmonella Typhimurium in raw sausages. *Food Microbiology*, **2014**, 42, 26-33 | 6 | 11 |
| 153 | Identification and differentiation of food-related bacteria: A comparison of FTIR spectroscopy and MALDI-TOF mass spectrometry. *Journal of Microbiological Methods*, **2014**, 103, 44-52 | 2.8 | 56 |
| 152 | Biodiversity of the Surface Microbial Consortia from Limburger, Reblochon, Livarot, Tilsit, and Gubbeen Cheeses. *Microbiology Spectrum*, **2014**, 2, CM-0010-2012 | 8.9 | 31 |
| 151 | Biodiversity of the Surface Microbial Consortia from Limburger, Reblochon, Livarot, Tilsit, and Gubbeen Cheeses **2014**, 219-250 | | 2 |
| 150 | Bacillus cereus **2014**, 147-164 | | 10 |
| 149 | Temperature- and nitrogen source-dependent regulation of GlnR target genes in Listeria monocytogenes. *FEMS Microbiology Letters*, **2014**, 355, 131-41 | 2.9 | 8 |
| 148 | Phenotype of htgA (mbiA), a recently evolved orphan gene of Escherichia coli and Shigella, completely overlapping in antisense to yaaW. *FEMS Microbiology Letters*, **2014**, 350, 57-64 | 2.9 | 19 |
| 147 | Identification of genes essential for anaerobic growth of Listeria monocytogenes. *Microbiology (United Kingdom)*, **2014**, 160, 752-765 | 2.9 | 36 |

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| 146 | Mass spectrometric profiling of Bacillus cereus strains and quantitation of the emetic toxin cereulide by means of stable isotope dilution analysis and HEp-2 bioassay. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 191-201 | 4.4 | 37 |
| 145 | Life at Low Temperatures **2013**, 375-420 | | 4 |
| 144 | Acid shock of Listeria monocytogenes at low environmental temperatures induces prfA, epithelial cell invasion, and lethality towards Caenorhabditis elegans. *BMC Genomics*, **2013**, 14, 285 | 4.5 | 22 |
| 143 | Identification of microorganisms by FTIR spectroscopy: perspectives and limitations of the method. *Applied Microbiology and Biotechnology*, **2013**, 97, 7111-20 | 5.7 | 99 |
| 142 | Lysinibacillus meyeri sp. nov., isolated from a medical practice. *International Journal of Systematic and Evolutionary Microbiology*, **2013**, 63, 1512-1518 | 2.2 | 16 |
| 141 | Domibacillus robiginosus gen. nov., sp. nov., isolated from a pharmaceutical clean room. *International Journal of Systematic and Evolutionary Microbiology*, **2013**, 63, 2054-2061 | 2.2 | 23 |
| 140 | Bacillus gottheilii sp. nov., isolated from a pharmaceutical manufacturing site. *International Journal of Systematic and Evolutionary Microbiology*, **2013**, 63, 867-872 | 2.2 | 9 |
| 139 | Micrococcus cohnii sp. nov., isolated from the air in a medical practice. *International Journal of Systematic and Evolutionary Microbiology*, **2013**, 63, 80-85 | 2.2 | 9 |
| 138 | Listeria weihenstephanensis sp. nov., isolated from the water plant Lemna trisulca taken from a freshwater pond. *International Journal of Systematic and Evolutionary Microbiology*, **2013**, 63, 641-647 | 2.2 | 73 |
| 137 | CodY orchestrates the expression of virulence determinants in emetic Bacillus cereus by impacting key regulatory circuits. *Molecular Microbiology*, **2012**, 85, 67-88 | 4.1 | 54 |
| 136 | Psychroflexus halocasei sp. nov., isolated from a microbial consortium on a cheese. *International Journal of Systematic and Evolutionary Microbiology*, **2012**, 62, 1850-1856 | 2.2 | 19 |
| 135 | Bacillus kochii sp. nov., isolated from foods and a pharmaceuticals manufacturing site. *International Journal of Systematic and Evolutionary Microbiology*, **2012**, 62, 1092-1097 | 2.2 | 17 |
| 134 | Predicting statistical properties of open reading frames in bacterial genomes. *PLoS ONE*, **2012**, 7, e45103 | 3.7 | 18 |
| 133 | Microbial biodiversity, quality and shelf life of microfiltered and pasteurized extended shelf life (ESL) milk from Germany, Austria and Switzerland. *International Journal of Food Microbiology*, **2012**, 154, 1-9 | 5.8 | 81 |
| 132 | Naumannella halotolerans gen. nov., sp. nov., a Gram-positive coccus of the family Propionibacteriaceae isolated from a pharmaceutical clean room and from food. *International Journal of Systematic and Evolutionary Microbiology*, **2012**, 62, 3042-3048 | 2.2 | 4 |
| 131 | Sphingobacterium lactis sp. nov. and Sphingobacterium alimentarium sp. nov., isolated from raw milk and a dairy environment. *International Journal of Systematic and Evolutionary Microbiology*, **2012**, 62, 1506-1511 | 2.2 | 44 |
| 130 | Anti-listerial potential of food-borne yeasts in red smear cheese. *International Dairy Journal*, **2011**, 21, 83-89 | 3.5 | 15 |
| 129 | Transcriptional kinetic analyses of cereulide synthetase genes with respect to growth, sporulation and emetic toxin production in Bacillus cereus. *Food Microbiology*, **2011**, 28, 284-90 | 6 | 36 |

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| 128 | Surface microbial consortia from Livarot, a French smear-ripened cheese. *Canadian Journal of Microbiology*, **2011**, 57, 651-60 | 3.2 | 56 |
| 127 | Inhibition of cereulide toxin synthesis by emetic Bacillus cereus via long-chain polyphosphates. *Applied and Environmental Microbiology*, **2011**, 77, 1475-82 | 4.8 | 18 |
| 126 | Differentiation of probiotic and environmental Saccharomyces cerevisiae strains in animal feed. *Journal of Applied Microbiology*, **2010**, 109, 783-91 | 4.7 | 14 |
| 125 | Vibrio casei sp. nov., isolated from the surfaces of two French red smear soft cheeses. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 1745-1749 | 2.2 | 24 |
| 124 | Identification of the main promoter directing cereulide biosynthesis in emetic Bacillus cereus and its application for real-time monitoring of ces gene expression in foods. *Applied and Environmental Microbiology*, **2010**, 76, 1232-40 | 4.8 | 45 |
| 123 | Yersinia enterocolitica infection and tcaA-dependent killing of Caenorhabditis elegans. *Applied and Environmental Microbiology*, **2010**, 76, 6277-85 | 4.8 | 26 |
| 122 | Potent antilisterial cell-free supernatants produced by complex red-smear cheese microbial consortia. *Journal of Dairy Science*, **2010**, 93, 4497-505 | 4 | 7 |
| 121 | High biodiversity and potent anti-listerial action of complex red smear cheese microbial ripening consortia. *Annals of Microbiology*, **2010**, 60, 531-539 | 3.2 | 10 |
| 120 | Species and strain identification of lactic acid bacteria using FTIR spectroscopy and artificial neural networks. *Journal of Biophotonics*, **2010**, 3, 493-505 | 3.1 | 33 |
| 119 | Towards Automatic Detecting of Overlapping Genes - Clustered BLAST Analysis of Viral Genomes. *Lecture Notes in Computer Science*, **2010**, 228-239 | 0.9 | 3 |
| 118 | Both thiamine uptake and biosynthesis of thiamine precursors are required for intracellular replication of Listeria monocytogenes. *Journal of Bacteriology*, **2009**, 191, 2218-27 | 3.5 | 44 |
| 117 | Bavariicoccus seileri gen. nov., sp. nov., isolated from the surface and smear water of German red smear soft cheese. *International Journal of Systematic and Evolutionary Microbiology*, **2009**, 59, 2437-43 | 2.2 | 20 |
| 116 | Cereulide synthesis in emetic Bacillus cereus is controlled by the transition state regulator AbrB, but not by the virulence regulator PlcR. *Microbiology (United Kingdom)*, **2009**, 155, 922-931 | 2.9 | 59 |
| 115 | Insecticidal genes of Yersinia spp.: taxonomical distribution, contribution to toxicity towards Manduca sexta and Galleria mellonella, and evolution. *BMC Microbiology*, **2008**, 8, 214 | 4.5 | 41 |
| 114 | Commercial ripening starter microorganisms inoculated into cheese milk do not successfully establish themselves in the resident microbial ripening consortia of a South german red smear cheese. *Applied and Environmental Microbiology*, **2008**, 74, 2210-7 | 4.8 | 84 |
| 113 | Presence of a functional flagellar cluster Flag-2 and low-temperature expression of flagellar genes in Yersinia enterocolitica W22703. *Microbiology (United Kingdom)*, **2008**, 154, 196-206 | 2.9 | 17 |
| 112 | Infrared Spectroscopy in the Identification of Microorganisms **2008**, | | 5 |
| 111 | Identification of five Listeria species based on infrared spectra (FTIR) using macrosamples is superior to a microsample approach. *Analytical and Bioanalytical Chemistry*, **2008**, 390, 1629-35 | 4.4 | 22 |

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| 110 | Reliable identification of closely related Issatchenkia and Pichia species using artificial neural network analysis of Fourier-transform infrared spectra. *Yeast*, **2008**, 25, 787-98 | 3.4 | 20 |
| 109 | Diagnostic real-time PCR assays for the detection of emetic Bacillus cereus strains in foods and recent food-borne outbreaks. *Applied and Environmental Microbiology*, **2007**, 73, 1892-8 | 4.8 | 184 |
| 108 | Differentiation of Listeria monocytogenes serovars by using artificial neural network analysis of Fourier-transformed infrared spectra. *Applied and Environmental Microbiology*, **2007**, 73, 1036-40 | 4.8 | 69 |
| 107 | Gene expression analysis of Corynebacterium glutamicum subjected to long-term lactic acid adaptation. *Journal of Bacteriology*, **2007**, 189, 5582-90 | 3.5 | 41 |
| 106 | Pathogenomics of Listeria spp. *International Journal of Medical Microbiology*, **2007**, 297, 541-57 | 3.7 | 68 |
| 105 | Stability of the biodiversity of the surface consortia of Gubbeen, a red-smear cheese. *Journal of Dairy Science*, **2007**, 90, 2200-10 | 4 | 72 |
| 104 | Biochemical evidence for the proteolytic degradation of infectious prion protein PrPsc in hamster brain homogenates by foodborne bacteria. *Systematic and Applied Microbiology*, **2006**, 29, 165-71 | 4.2 | 19 |
| 103 | Cereulide synthetase gene cluster from emetic Bacillus cereus: structure and location on a mega virulence plasmid related to Bacillus anthracis toxin plasmid pXO1. *BMC Microbiology*, **2006**, 6, 20 | 4.5 | 154 |
| 102 | Reliable and rapid identification of Listeria monocytogenes and Listeria species by artificial neural network-based Fourier transform infrared spectroscopy. *Applied and Environmental Microbiology*, **2006**, 72, 994-1000 | 4.8 | 95 |
| 101 | Inhibition of Listeria monocytogenes by food-borne yeasts. *Applied and Environmental Microbiology*, **2006**, 72, 313-8 | 4.8 | 55 |
| 100 | Transcriptional analysis of long-term adaptation of Yersinia enterocolitica to low-temperature growth. *Journal of Bacteriology*, **2006**, 188, 2945-58 | 3.5 | 47 |
| 99 | Life at Low Temperatures **2006**, 210-262 | | 19 |
| 98 | Rapid analysis of two food-borne microbial communities at the species level by Fourier-transform infrared microspectroscopy. *Environmental Microbiology*, **2006**, 8, 848-57 | 5.2 | 39 |
| 97 | Sources of the adventitious microflora of a smear-ripened cheese. *Journal of Applied Microbiology*, **2006**, 101, 668-81 | 4.7 | 94 |
| 96 | Low temperature-induced insecticidal activity of Yersinia enterocolitica. *Molecular Microbiology*, **2006**, 59, 503-12 | 4.1 | 48 |
| 95 | Degradation of scrapie associated prion protein (PrPSc) by the gastrointestinal microbiota of cattle. *Veterinary Research*, **2006**, 37, 695-703 | 3.8 | 27 |
| 94 | Emetic toxin formation of Bacillus cereus is restricted to a single evolutionary lineage of closely related strains. *Microbiology (United Kingdom)*, **2005**, 151, 183-197 | 2.9 | 261 |
| 93 | Surface microflora of four smear-ripened cheeses. *Applied and Environmental Microbiology*, **2005**, 71, 6489-500 | 4.8 | 136 |

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| 92 | Identification and partial characterization of the nonribosomal peptide synthetase gene responsible for cereulide production in emetic Bacillus cereus. *Applied and Environmental Microbiology*, **2005**, 71, 105-13 | 4.8 | 200 |
| 91 | UV irradiation and desiccation modulate the three-dimensional extracellular matrix of Nostoc commune (Cyanobacteria). *Journal of Biological Chemistry*, **2005**, 280, 40271-81 | 5.4 | 96 |
| 90 | Anti-listerial activity and biodiversity of cheese surface cultures: influence of the ripening temperature regime. *European Food Research and Technology*, **2004**, 218, 242-247 | 3.4 | 18 |
| 89 | Identification of emetic toxin producing Bacillus cereus strains by a novel molecular assay. *FEMS Microbiology Letters*, **2004**, 232, 189-95 | 2.9 | 146 |
| 88 | Bacillus cereus, the causative agent of an emetic type of food-borne illness. *Molecular Nutrition and Food Research*, **2004**, 48, 479-87 | 5.9 | 262 |
| 87 | Temporal stability and biodiversity of two complex antilisterial cheese-ripening microbial consortia. *Applied and Environmental Microbiology*, **2003**, 69, 4012-8 | 4.8 | 94 |
| 86 | Fourier-transform infrared (FTIR) spectroscopy is a promising tool for monitoring the population dynamics of microorganisms in food stuff. *European Food Research and Technology*, **2003**, 216, 434-439 | 3.4 | 16 |
| 85 | The AGUAAA motif in cspA1/A2 mRNA is important for adaptation of Yersinia enterocolitica to grow at low temperature. *Molecular Microbiology*, **2003**, 50, 1629-45 | 4.1 | 14 |
| 84 | Functional regulation of the Listeria monocytogenes bacteriophage A118 holin by an intragenic inhibitor lacking the first transmembrane domain. *Molecular Microbiology*, **2003**, 48, 173-86 | 4.1 | 21 |
| 83 | A pediocin-producing Lactobacillus plantarum strain inhibits Listeria monocytogenes in a multispecies cheese surface microbial ripening consortium. *Applied and Environmental Microbiology*, **2003**, 69, 1854-7 | 4.8 | 82 |
| 82 | High deleterious genomic mutation rate in stationary phase of Escherichia coli. *Science*, **2003**, 302, 1558-60 | 9.3 | 65 |
| 81 | C-terminal domains of Listeria monocytogenes bacteriophage murein hydrolases determine specific recognition and high-affinity binding to bacterial cell wall carbohydrates. *Molecular Microbiology*, **2002**, 44, 335-49 | 4.1 | 275 |
| 80 | The UV-B stimulon of the terrestrial cyanobacterium Nostoc commune comprises early shock proteins and late acclimation proteins. *Molecular Microbiology*, **2002**, 46, 827-43 | 4.1 | 59 |
| 79 | Pathogenic potential of fifty Bacillus weihenstephanensis strains. *FEMS Microbiology Letters*, **2002**, 215, 47-51 | 2.9 | 80 |
| 78 | Sensitive in situ monitoring of a recombinant bioluminescent Yersinia enterocolitica reporter mutant in real time on Camembert cheese. *Applied and Environmental Microbiology*, **2002**, 68, 5737-40 | 4.8 | 23 |
| 77 | The murein hydrolase of the bacteriophage phi3626 dual lysis system is active against all tested Clostridium perfringens strains. *Applied and Environmental Microbiology*, **2002**, 68, 5311-7 | 4.8 | 108 |
| 76 | Genomic analysis of Clostridium perfringens bacteriophage phi3626, which integrates into guaA and possibly affects sporulation. *Journal of Bacteriology*, **2002**, 184, 4359-68 | 3.5 | 68 |
| 75 | Fourier-transform infrared microspectroscopy, a novel and rapid tool for identification of yeasts. *Applied and Environmental Microbiology*, **2002**, 68, 4717-21 | 4.8 | 120 |

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|---|---|---|---|
| 74 | Identification of coryneform bacteria and related taxa by Fourier-transform infrared (FT-IR) spectroscopy. *International Journal of Systematic and Evolutionary Microbiology*, **2002**, 52, 91-100 | 2.2 | 111 |
| 73 | Intraspecific diversity of Brevibacterium linens, Corynebacterium glutamicum and Rhodococcus erythropolis based on partial 16S rDNA sequence analysis and Fourier-transform infrared (FT-IR) spectroscopy. *Microbiology (United Kingdom)*, **2002**, 148, 1523-1532 | 2.9 | 40 |
| 72 | Pyridinyl polythiazole class peptide antibiotic micrococcin P1, secreted by foodborne Staphylococcus equorum WS2733, is biosynthesized nonribosomally. *FEBS Journal*, **2001**, 268, 6390-401 | | 28 |
| 71 | High incidence of Listeria monocytogenes in European red smear cheese. *International Journal of Food Microbiology*, **2001**, 63, 91-8 | 5.8 | 157 |
| 70 | Quantification of micro-organisms in binary mixed populations by Fourier transform infrared (FT-IR) spectroscopy. *Letters in Applied Microbiology*, **2000**, 30, 85-9 | 2.9 | 23 |
| 69 | Functional analysis of heterologous holin proteins in a lambdaDeltaS genetic background. *FEMS Microbiology Letters*, **2000**, 184, 179-86 | 2.9 | 15 |
| 68 | Restart of exponential growth of cold-shocked Yersinia enterocolitica occurs after down-regulation of cspA1/A2 mRNA. *Journal of Bacteriology*, **2000**, 182, 3285-8 | 3.5 | 45 |
| 67 | Gene cloning and expression and secretion of Listeria monocytogenes bacteriophage-lytic enzymes in Lactococcus lactis. *Applied and Environmental Microbiology*, **2000**, 66, 2951-8 | 4.8 | 111 |
| 66 | Functional analysis of heterologous holin proteins in a S genetic background. *FEMS Microbiology Letters*, **2000**, 184, 179-186 | 2.9 | 14 |
| 65 | The macrocyclic peptide antibiotic micrococcin P(1) is secreted by the food-borne bacterium Staphylococcus equorum WS 2733 and inhibits Listeria monocytogenes on soft cheese. *Applied and Environmental Microbiology*, **2000**, 66, 2378-84 | 4.8 | 75 |
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| 2 | Evidence for Numerous Embedded Antisense Overlapping Genes in DiverseE. coliStrains | 4 |
| 1 | Shadow ORFs illuminated: long overlapping genes in Pseudomonas aeruginosa are translated and under purifying selection | 1 |