# Romain Briandet

List of Publications by Year
in descending order



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|---|---|---|---|
| 148 papers | 8,255 citations | 41627 51 h-index | 58552 86 g-index |
| 160 all docs | 160 docs citations | 160 times ranked | 10183 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spatial organisation of Listeria monocytogenes and Escherichia coli O157:H7 cultivated in gel matrices. Food Microbiology, 2022, 103, 103965. | 2.1 | 5 |
| 2 | The coordinated population redistribution between Bacillus subtilis submerged biofilm and liquid-air pellicle. Biofilm, 2022, 4, 100065. | 1.5 | 12 |
| 3 | Microbial Biofilms: Structural Plasticity and Emerging Properties. Microorganisms, 2022, 10, 138. | 1.6 | 10 |
| 4 | Genome Sequence of Bacillus velezensis P1, a Strain Isolated from a Biofilm Captured on a Pig Farm Building. Microbiology Resource Announcements, 2022, , e0121921. | 0.3 | 1 |
| 5 | Bacteroides thetaiotaomicron uses a widespread extracellular DNase to promote bile-dependent biofilm formation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3 | 11 |
| 6 | Recent advances in nanotechnology for eradicating bacterial biofilm. Theranostics, 2022, 12, 2383-2405. | 4.6 | 43 |
| 7 | Bacillus cereus sensu lato biofilm formation and its ecological importance. Biofilm, 2022, 4, 100070. | 1.5 | 21 |
| 8 | Capture and Ex-Situ Analysis of Environmental Biofilms in Livestock Buildings. Microorganisms, 2022, 10, 2. | 1.6 | 7 |
| 9 | Positive biofilms to guide surface microbial ecology in livestock buildings. Biofilm, 2022, 4, 100075. | 1.5 | 11 |
| 10 | Shear stress affects the architecture and cohesion of Chlorella vulgaris biofilms. Scientific Reports, 2021, 11, 4002. | 1.6 | 27 |
| 11 | Comparison of the Genetic Features Involved in Bacillus subtilis Biofilm Formation Using Multi-Culturing Approaches. Microorganisms, 2021, 9, 633. | 1.6 | 18 |
| 12 | Confocal Laser Microscopy Analysis of Listeria monocytogenes Biofilms and Spatially Organized Communities. Methods in Molecular Biology, 2021, 2220, 123-136. | 0.4 | 2 |
| 13 | Emergence of a Synergistic Diversity as a Response to Competition in Pseudomonas putida Biofilms. Microbial Ecology, 2020, 80, 47-59. | 1.4 | 6 |
| 14 | Evaluation of the Probiotic Properties and the Capacity to Form Biofilms of Various Lactobacillus Strains. Microorganisms, 2020, 8, 1053. | 1.6 | 21 |
| 15 | Rapid assessment and prediction of the efficiency of two preservatives against S. aureus in cosmetic products using High Content Screeningâ€"Confocal Laser Scanning Microscopy. PLoS ONE, 2020, 15, e0236059. | 1.1 | 6 |
| 16 | Intestinal release of biofilm-like microcolonies encased in calcium-pectinate beads increases probiotic properties of Lacticaseibacillus paracasei. Npj Biofilms and Microbiomes, 2020, 6, 44. | 2.9 | 33 |
| 17 | Mosaic-CLSM Assessment of Bacterial Spatial Distribution in Cosmetic Matrices According to Matrix Viscosity and Bacterial Hydrophobicity. Cosmetics, 2020, 7, 32. | 1.5 | 1 |
| 18 | Effect of arsenite and growth in biofilm conditions on the evolution of Thiomonas sp. CB2. Microbial Genomics, 2020, 6, . | 1.0 | 0 |

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| 19 | 5 Mode de vie en biofilm pour le peuple microscopique des surfaces. , 2020, , 101-130. | | 0 |
| 20 | Chapitre 5: Biofilm lifestyle of the microscopic inhabitants of surfaces.. , 2020, , 95-122. | | 0 |
| 21 | Chapitre 5: Biofilm lifestyle of the microscopic inhabitants of surfaces.. , 2020, , 95-122. | | 0 |
| 22 | 5 Mode de vie en biofilm pour le peuple microscopique des surfaces. , 2020, , 101-130. | | 0 |
| 23 | Two FtsH Proteases Contribute to Fitness and Adaptation of Pseudomonas aeruginosa Clone C Strains. Frontiers in Microbiology, 2019, 10, 1372. | 1.5 | 22 |
| 24 | The Mutation of Conservative Asp268 Residue in the Peptidoglycan-Associated Domain of the OmpA Protein Affects Multiple Acinetobacter baumannii Virulence Characteristics. Molecules, 2019, 24, 1972. | 1.7 | 9 |
| 25 | Direct observation of the cell-wall remodeling in adhering Staphylococcus aureus 27217: An AFM study supported by SEM and TEM. Cell Surface, 2019, 5, 100018. | 1.5 | 17 |
| 26 | A microbiota-generated bile salt induces biofilm formation in Clostridium difficile. Npj Biofilms and Microbiomes, 2019, 5, 14. | 2.9 | 85 |
| 27 | Biofilm Formation and Synthesis of Antimicrobial Compounds by the Biocontrol Agent Bacillus velezensis QST713 in an Agaricus bisporus Compost Micromodel. Applied and Environmental Microbiology, 2019, 85, . | 1.4 | 42 |
| 28 | The Architecture of Monospecific Microalgae Biofilms. Microorganisms, 2019, 7, 352. | 1.6 | 28 |
| 29 | Blp1 protein shows virulence-associated features and elicits protective immunity to Acinetobacter baumannii infection. BMC Microbiology, 2019, 19, 259. | 1.3 | 25 |
| 30 | Biofilms in Food Processing Environments: Challenges and Opportunities. Annual Review of Food Science and Technology, 2019, 10, 173-195. | 5.1 | 120 |
| 31 | High Content Screening Confocal Laser Microscopy (HCS-CLM) to Characterize Biofilm 4D Structural Dynamic of Foodborne Pathogens. Methods in Molecular Biology, 2019, 1918, 171-182. | 0.4 | 6 |
| 32 | Impact of modified diamond-like carbon coatings on the spatial organization and disinfection of mixed-biofilms composed of Escherichia coli and Pantoea agglomerans industrial isolates. International Journal of Food Microbiology, 2018, 277, 74-82. | 2.1 | 22 |
| 33 | Exploration of the role of the virulence factor ElrA during Enterococcus faecalis cell infection. Scientific Reports, 2018, 8, 1749. | 1.6 | 13 |
| 34 | Pseudomonas sp. biofilm development on fresh-cut food equipment surfaces â€“ a growth curve â€“ fitting approach to building a comprehensive tool for studying surface contamination dynamics. Food and Bioproducts Processing, 2018, 107, 70-87. | 1.8 | 12 |
| 35 | Complete genome sequence of Bacillus velezensis QST713: A biocontrol agent that protects Agaricus bisporus crops against the green mould disease. Journal of Biotechnology, 2018, 278, 10-19. | 1.9 | 67 |
| 36 | Impact of Cell Surface Molecules on Conjugative Transfer of the Integrative and Conjugative Element ICE St3 of Streptococcus thermophilus. Applied and Environmental Microbiology, 2018, 84, . | 1.4 | 17 |

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| 37 | Clostridium difficile Biofilm: Remodeling Metabolism and Cell Surface to Build a Sparse and Heterogeneously Aggregated Architecture. Frontiers in Microbiology, 2018, 9, 2084. | 1.5 | 54 |
| 38 | Live intramacrophagic Staphylococcus aureus as a potential cause of antibiotic therapy failure: observations in an in vivo mouse model of prosthetic vascular material infections. Journal of Antimicrobial Chemotherapy, 2018, 73, 2418-2421. | 1.3 | 6 |
| 39 | Identification of New Factors Modulating Adhesion Abilities of the Pioneer Commensal Bacterium Streptococcus salivarius. Frontiers in Microbiology, 2018, 9, 273. | 1.5 | 35 |
| 40 | Impact of Bacterial Membrane Fatty Acid Composition on the Failure of Daptomycin To Kill Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 1.4 | 54 |
| 41 | Dynamics of compost microbiota during the cultivation of Agaricus bisporus in the presence of Bacillus velezensis QST713 as biocontrol agent against Trichoderma aggressivum. Biological Control, 2018, 127, 39-54. | 1.4 | 18 |
| 42 | Should the biofilm mode of life be taken into consideration for microbial biocontrol agents?. Microbial Biotechnology, 2017, 10, 719-734. | 2.0 | 110 |
| 43 | Comparison of biofilm formation and motility processes in arsenicâ€resistant Thiomonas spp. strains revealed divergent response to arsenite. Microbial Biotechnology, 2017, 10, 789-803. | 2.0 | 12 |
| 44 | Pseudomonas grimontii biofilm protects food contact surfaces from Escherichia coli colonization. LWT - Food Science and Technology, 2017, 85, 309-315. | 2.5 | 16 |
| 45 | How do fluorescence spectroscopy and multimodal fluorescence imaging help to dissect the enhanced efficiency of the vancomycinâ€“rifampin combination against Staphylococcus aureus infections?. Photochemical and Photobiological Sciences, 2017, 16, 1391-1399. | 1.6 | 4 |
| 46 | Effect of dairy matrices on the survival of Streptococcus thermophilus , Brevibacterium aurantiacum and Hafnia alvei during digestion. Food Research International, 2017, 100, 477-488. | 2.9 | 11 |
| 47 | Three glycosylated serineâ€rich repeat proteins play a pivotal role in adhesion and colonization of the pioneer commensal bacterium, Streptococcus salivarius. Environmental Microbiology, 2017, 19, 3579-3594. | 1.8 | 49 |
| 48 | Cleaning and Disinfection of Biofilms Composed of Listeria monocytogenes and Background Microbiota from Meat Processing Surfaces. Applied and Environmental Microbiology, 2017, 83, . | 1.4 | 111 |
| 49 | Critical review on biofilm methods. Critical Reviews in Microbiology, 2017, 43, 313-351. | 2.7 | 693 |
| 50 | Spatial Organization Plasticity as an Adaptive Driver of Surface Microbial Communities. Frontiers in Microbiology, 2017, 8, 1364. | 1.5 | 44 |
| 51 | Modeling Reveals the Role of Aging and Glucose Uptake Impairment in L1A1 Listeria monocytogenes Biofilm Life Cycle. Frontiers in Microbiology, 2017, 8, 2118. | 1.5 | 6 |
| 52 | Impact of temperature on Marinobacter hydrocarbonoclasticus SP17 morphology and biofilm structure during growth on alkanes. Microbiology (United Kingdom), 2017, 163, 669-677. | 0.7 | 3 |
| 53 | It is all about location: how to pinpoint microorganisms and their functions in multispecies biofilms. Future Microbiology, 2017, 12, 987-999. | 1.0 | 13 |
| 54 | Effect of Biofilm Formation by Oenococcus oeni on Malolactic Fermentation and the Release of Aromatic Compounds in Wine. Frontiers in Microbiology, 2016, 7, 613. | 1.5 | 48 |

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| 55 | The Biofilm Lifestyle Involves an Increase in Bacterial Membrane Saturated Fatty Acids. Frontiers in Microbiology, 2016, 7, 1673. | 1.5 | 83 |
| 56 | Editorial: Biofilms from a Food Microbiology Perspective: Structures, Functions, and Control Strategies. Frontiers in Microbiology, 2016, 7, 1938. | 1.5 | 6 |
| 57 | Temporal variation of recombinant protein expression in Escherichia coli biofilms analysed at single-cell level. Process Biochemistry, 2016, 51, 1155-1161. | 1.8 | 12 |
| 58 | Quantitative image analysis to characterize the dynamics of Listeria monocytogenes biofilms. International Journal of Food Microbiology, 2016, 236, 130-137. | 2.1 | 17 |
| 59 | New Insight into Daptomycin Bioavailability and Localization in Staphylococcus aureus Biofilms by Dynamic Fluorescence Imaging. Antimicrobial Agents and Chemotherapy, 2016, 60, 4983-4990. | 1.4 | 34 |
| 60 | Biofilms of Lactobacillus plantarum and Lactobacillus fermentum: Effect on stress responses, antagonistic effects on pathogen growth and immunomodulatory properties. Food Microbiology, 2016, 53, 51-59. | 2.1 | 126 |
| 61 | Spatio-temporal Interaction of Bacteria Mixture within Biofilms. Procedia Environmental Sciences, 2015, 26, 11-18. | 1.3 | 3 |
| 62 | Pathogens protection against the action of disinfectants in multispecies biofilms. Frontiers in Microbiology, 2015, 6, 705. | 1.5 | 113 |
| 63 | Biofilm spatial organization by the emerging pathogen Campylobacter jejuni: comparison between NCTC 11168 and 81-176 strains under microaerobic and oxygen-enriched conditions. Frontiers in Microbiology, 2015, 6, 709. | 1.5 | 61 |
| 64 | The Clostridium difficile Protease Cwp84 Modulates both Biofilm Formation and Cell-Surface Properties. PLoS ONE, 2015, 10, e0124971. | 1.1 | 81 |
| 65 | Exploring the Diversity of Listeria monocytogenes Biofilm Architecture by High-Throughput Confocal Laser Scanning Microscopy and the Predominance of the Honeycomb-Like Morphotype. Applied and Environmental Microbiology, 2015, 81, 1813-1819. | 1.4 | 129 |
| 66 | Fluorescence-based tools for single-cell approaches in food microbiology. International Journal of Food Microbiology, 2015, 213, 2-16. | 2.1 | 30 |
| 67 | Plasma-deposited nanocomposite polymer-silver coating against Escherichia coli and Staphylococcus aureus: Antibacterial properties and ageing. Surface and Coatings Technology, 2015, 281, 1-10. | 2.2 | 17 |
| 68 | Identification of ypqP as a New Bacillus subtilis Biofilm Determinant That Mediates the Protection of Staphylococcus aureus against Antimicrobial Agents in Mixed-Species Communities. Applied and Environmental Microbiology, 2015, 81, 109-118. | 1.4 | 48 |
| 69 | Biofilm-associated persistence of food-borne pathogens. Food Microbiology, 2015, 45, 167-178. | 2.1 | 373 |
| 70 | Impact of long-term starvation on adhesion to and biofilm formation on stainless steel 316ÂL and gold surfaces of Salmonella enterica serovar Typhimurium. Annals of Microbiology, 2015, 65, 399-409. | 1.1 | 9 |
| 71 | Streptococcus thermophilus Biofilm Formation: A Remnant Trait of Ancestral Commensal Life?. PLoS ONE, 2015, 10, e0128099. | 1.1 | 27 |
| 72 | Genome Sequences of Two Nondomesticated Bacillus subtilis Strains Able To Form Thick Biofilms on Submerged Surfaces. Genome Announcements, 2014, 2, . | 0.8 | 6 |

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| 73 | MICROSCOPY \| Confocal Laser Scanning Microscopy. , 2014, , 676-683. | | 8 |
| 74 | Inactivation of the <scp>SecA</scp>2 protein export pathway in <scp>L</scp>isteria monocytogenes promotes cell aggregation, impacts biofilm architecture and induces biofilm formation in environmental condition. Environmental Microbiology, 2014, 16, 1176-1192. | 1.8 | 53 |
| 75 | Tracking swimmers bacteria and pores within a biofilm. , 2014, , . | | 1 |
| 76 | The biofilm mode of life boosts the anti-inflammatory properties ofLactobacillus. Cellular Microbiology, 2014, 16, 1836-1853. | 1.1 | 85 |
| 77 | A model-based approach to detect interspecific interactions during biofilm development. Biofouling, 2014, 30, 761-771. | 0.8 | 23 |
| 78 | Contribution of Confocal Laser Scanning Microscopy in Deciphering Biofilm Tridimensional Structure and Reactivity. Methods in Molecular Biology, 2014, 1147, 255-266. | 0.4 | 11 |
| 79 | First evidence of bacterial biofilms in the anaerobe part of scalp hair follicles: a pilot comparative study in folliculitis decalvans. Journal of the European Academy of Dermatology and Venereology, 2013, 27, 853-860. | 1.3 | 58 |
| 80 | Realistic representation of Bacillus subtilis biofilms architecture using combined microscopy (CLSM,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 2.1 | 48 |
| 81 | EmbRS a new twoâ€component system that inhibits biofilm formation and saves R ubrivivax gelatinosus from sinking. MicrobiologyOpen, 2013, 2, 431-446. | 1.2 | 6 |
| 82 | Bacterial swimmers that infiltrate and take over the biofilm matrix. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13088-13093. | 3.3 | 183 |
| 83 | Correlative Time-Resolved Fluorescence Microscopy To Assess Antibiotic Diffusion-Reaction in Biofilms. Antimicrobial Agents and Chemotherapy, 2012, 56, 3349-3358. | 1.4 | 104 |
| 84 | Biofilms of a Bacillus subtilis Hospital Isolate Protect Staphylococcus aureus from Biocide Action. PLoS ONE, 2012, 7, e44506. | 1.1 | 89 |
| 85 | The Effect of Bacterial Adhesion on Grafted Chains Revealed by the Non-Invasive Sum Frequency Generation Spectroscopy. Spectroscopy, 2012, 27, 571-579. | 0.8 | 5 |
| 86 | Anisotropic nutrient transport in threeâ€dimensional single species bacterial biofilms. Biotechnology and Bioengineering, 2012, 109, 1280-1292. | 1.7 | 13 |
| 87 | Pilus Biogenesis in Lactococcus lactis: Molecular Characterization and Role in Aggregation and Biofilm Formation. PLoS ONE, 2012, 7, e50989. | 1.1 | 56 |
| 88 | Non-Invasive Vibrational SFG Spectroscopy Reveals That Bacterial Adhesion Can Alter the Conformation of Grafted â€œBrushâ€•Chains on SAM. Langmuir, 2011, 27, 4928-4935. | 1.6 | 15 |
| 89 | Spatial competition withLactococcus lactisin mixed-species continuous-flow biofilms inhibitsListeria monocytogenesgrowth. Biofouling, 2011, 27, 1065-1072. | 0.8 | 52 |
| 90 | Resistance of bacterial biofilms to disinfectants: a review. Biofouling, 2011, 27, 1017-1032. | 0.8 | 673 |

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| 91 | Image-based fluorescence recovery after photobleaching (FRAP) to dissect vancomycin diffusion-reaction processes in Staphylococcus aureus biofilms. Proceedings of SPIE, 2011, , . | 0.8 | 3 |
| 92 | Inhibition of Listeria monocytogenes by resident biofilms present on wooden shelves used for cheese ripening. Food Control, 2011, 22, 1357-1362. | 2.8 | 65 |
| 93 | Subinhibitory Arsenite Concentrations Lead to Population Dispersal in Thiomonas sp.. PLoS ONE, 2011, 6, e23181. | 1.1 | 46 |
| 94 | A new morphogenesis pathway in bacteria: unbalanced activity of cell wall synthesis machineries leads to coccus-to-rod transition and filamentation in ovococci. Molecular Microbiology, 2011, 79, 759-771. | 1.2 | 65 |
| 95 | Novel roles of LeuO in transcription regulation of E.â€ƒcoli genome: antagonistic interplay with the universal silencer H-NS. Molecular Microbiology, 2011, 82, 378-397. | 1.2 | 91 |
| 96 | Comparative biocidal activity of peracetic acid, benzalkonium chloride and ortho-phthalaldehyde on 77 bacterial strains. Journal of Hospital Infection, 2011, 78, 208-213. | 1.4 | 42 |
| 97 | Piezoelectric immunosensor for direct and rapid detection of staphylococcal enterotoxin A (SEA) at the ng level. Biosensors and Bioelectronics, 2011, 29, 140-144. | 5.3 | 63 |
| 98 | Image-based Fluorescence Recovery After Photobleaching (FRAP) to dissect vancomycin diffusion-reaction processes in Staphylococcus aureus biofilms. , 2011, , . | | 4 |
| 99 | Evidence of Autoinduction Heterogeneity via Expression of the Agr System of Listeria monocytogenes at the Single-Cell Level. Applied and Environmental Microbiology, 2011, 77, 6286-6289. | 1.4 | 46 |
| 100 | Dynamics of the Action of Biocides in Pseudomonas aeruginosa Biofilms. Antimicrobial Agents and Chemotherapy, 2011, 55, 2648-2654. | 1.4 | 103 |
| 101 | Diffusion of Nanoparticles in Biofilms Is Altered by Bacterial Cell Wall Hydrophobicity. Applied and Environmental Microbiology, 2011, 77, 367-368. | 1.4 | 70 |
| 102 | Single-cell analysis in situ in a Bacillus subtilis swarming community identifies distinct spatially separated subpopulations differentially expressing hag (flagellin), including specialized swarmers. Microbiology (United Kingdom), 2011, 157, 2456-2469. | 0.7 | 30 |
| 103 | Non-invasive SFG spectroscopy: a tool to reveal the conformational change of grafted chains due to bacterial adhesion. Proceedings of SPIE, 2011, , . | 0.8 | 1 |
| 104 | Induction of Fatty Acid Composition Modifications and Tolerance to Biocides in Salmonella enterica Serovar Typhimurium by Plant-Derived Terpenes. Applied and Environmental Microbiology, 2011, 77, 906-910. | 1.4 | 54 |
| 105 | Molecular Characterization of a Streptococcus gallolyticus Genomic Island Encoding a Pilus Involved in Endocarditis. Journal of Infectious Diseases, 2011, 204, 1960-1970. | 1.9 | 78 |
| 106 | Deciphering Biofilm Structure and Reactivity by Multiscale Time-Resolved Fluorescence Analysis. Advances in Experimental Medicine and Biology, 2011, 715, 333-349. | 0.8 | 21 |
| 107 | The Spatial Architecture of Bacillus subtilis Biofilms Deciphered Using a Surface-Associated Model and In Situ Imaging. PLoS ONE, 2011, 6, e16177. | 1.1 | 59 |
| 108 | Non invasive SFG spectroscopy: a tool to reveal the conformational change of grafted chains due to bacterial adhesion. , 2011, , . | | 0 |

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| 109 | Involvement of motility and flagella in Bacillus cereus biofilm formation. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 0.7 | 196 |
| 110 | Diffusion Measurements inside Biofilms by Image-Based Fluorescence Recovery after Photobleaching (FRAP) Analysis with a Commercial Confocal Laser Scanning Microscope. Applied and Environmental Microbiology, 2010, 76, 5860-5869. | 1.4 | 60 |
| 111 | Effect of arsenite on swimming motility delays surface colonization in Herminiimonas arsenicoxydans. Microbiology (United Kingdom), 2010, 156, 2336-2342. | 0.7 | 39 |
| 112 | Tracking the Photosensitizing Antibacterial Activity of Mono(acridyl)bis(arginyl)porphyrin (MABAP) by Time-Resolved Spectroscopy. Journal of Physical Chemistry A, 2010, 114, 3334-3339. | 1.1 | 9 |
| 113 | The biofilm architecture of sixty opportunistic pathogens deciphered using a high throughput CLSM method. Journal of Microbiological Methods, 2010, 82, 64-70. | 0.7 | 209 |
| 114 | Nickel Promotes Biofilm Formation by Escherichia coli K-12 Strains That Produce Curli. Applied and Environmental Microbiology, 2009, 75, 1723-1733. | 1.4 | 70 |
| 115 | Genetic Features of Resident Biofilms Determine Attachment of Listeria monocytogenes. Applied and Environmental Microbiology, 2009, 75, 7814-7821. | 1.4 | 66 |
| 116 | Surface physicochemical analysis of natural Lactococcus lactis strains reveals the existence of hydrophobic and low charged strains with altered adhesive properties. International Journal of Food Microbiology, 2009, 131, 2-9. | 2.1 | 123 |
| 117 | Increase in the Hydrophilicity and Lewis Acid-Base Properties of Solid Surfaces Achieved by Electric Gliding Discharge in Humid Air: Effects on Bacterial Adherence. Plasma Science and Technology, 2009, 11, 187-193. | 0.7 | 12 |
| 118 | Detection of pathogenic Staphylococcus aureus bacteria by gold based immunosensors. Mikrochimica Acta, 2008, 163, 203-209. | 2.5 | 45 |
| 119 | Modelling the competitive growth between Listeria monocytogenes and biofilm microflora of smear cheese wooden shelves. International Journal of Food Microbiology, 2008, 128, 51-57. | 2.1 | 99 |
| 120 | Listeria monocytogenes EGD-e Biofilms: No Mushrooms but a Network of Knitted Chains. Applied and Environmental Microbiology, 2008, 74, 4491-4497. | 1.4 | 114 |
| 121 | Fluorescence Correlation Spectroscopy To Study Diffusion and Reaction of Bacteriophages inside Biofilms. Applied and Environmental Microbiology, 2008, 74, 2135-2143. | 1.4 | 129 |
| 122 | Variations in the Degree of <scp>d</scp> -Alanylation of Teichoic Acids in Lactococcus lactis Alter Resistance to Cationic Antimicrobials but Have No Effect on Bacterial Surface Hydrophobicity and Charge. Applied and Environmental Microbiology, 2008, 74, 4764-4767. | 1.4 | 27 |
| 123 | Biofilm Ecology of Wooden Shelves Used in Ripening the French Raw Milk Smear Cheese Reblochon de Savoie. Journal of Dairy Science, 2007, 90, 1653-1661. | 1.4 | 76 |
| 124 | Isolation and Characterization of a Psychrotolerant Toxin Producer, Bacillus weihenstephanensis, in Liquid Egg Products. Journal of Food Protection, 2007, 70, 2782-2791. | 0.8 | 46 |
| 125 | Ex Vivo Fluorescence Imaging of Normal and Malignant Urothelial Cells to Enhance Early Diagnosis. Photochemistry and Photobiology, 2007, 83, 1157-1166. | 1.3 | 10 |
| 126 | Destruction of planktonic, adherent and biofilm cells of Staphylococcus epidermidis using a gliding discharge in humid air. Journal of Applied Microbiology, 2007, 103, 621-628. | 1.4 | 64 |

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| 127 | Positive role of cell wall anchored proteinase PrtP in adhesion of lactococci. BMC Microbiology, 2007, 7, 36. | 1.3 | 45 |
| 128 | Heterogeneity of Diffusion Inside Microbial Biofilms Determined by Fluorescence Correlation Spectroscopy Under Two-photon ExcitationÂ¶. Photochemistry and Photobiology, 2007, 75, 570-578. | 1.3 | 8 |
| 129 | In situ measurements of viral particles diffusion inside mucoid biofilms. Comptes Rendus - Biologies, 2005, 328, 1065-1072. | 0.1 | 59 |
| 130 | Influence of a Nonfavorable Environment, Egg White, on Resistance to Heat and Disinfectant, Adhesion, and Virulence of Salmonella Enteritidis. Journal of Food Protection, 2004, 67, 2269-2273. | 0.8 | 8 |
| 131 | Ecology of mixed biofilms subjected daily to a chlorinated alkaline solution: spatial distribution of bacterial species suggests a protective effect of one species to another. Environmental Microbiology, 2003, 5, 64-71. | 1.8 | 110 |
| 132 | Study of erodable paint properties involved in antifouling activity. Biofouling, 2003, 19, 177-186. | 0.8 | 30 |
| 133 | Bacterial Biofilm in Seawater: Cell Surface Properties of Early-attached Marine Bacteria. Biofouling, 2003, 19, 307-313. | 0.8 | 68 |
| 134 | Study of Erodable Paint Properties Involved in Antifouling Activity. Biofouling, 2003, 19, 177-186. | 0.8 | 1 |
| 135 | Heterogeneity of Diffusion Inside Microbial Biofilms Determined by Fluorescence Correlation Spectroscopy Under Two-photon ExcitationÂ¶. Photochemistry and Photobiology, 2002, 75, 570. | 1.3 | 81 |
| 136 | Comparison of the Cell Surface Properties and Growth Characteristics of Listeria monocytogenes and Listeria innocua. Journal of Food Protection, 2002, 65, 786-793. | 0.8 | 26 |
| 137 | Positive role of peptidoglycan breaks in lactococcal biofilm formation. Molecular Microbiology, 2002, 46, 235-243. | 1.2 | 81 |
| 138 | <title>Characterization of the diffusion of fluorophores within microbial biofilms by flourescence correlation microscopy under two-photon excitation</title>. , 2001, , . | | 0 |
| 139 | Determination of the van der Waals, electron donor and electron acceptor surface tension components of static Gram-positive microbial biofilms. Colloids and Surfaces B: Biointerfaces, 2001, 21, 299-310. | 2.5 | 83 |
| 140 | Effects of the Growth Procedure on the Surface Hydrophobicity of Listeria monocytogenes Cells and Their Adhesion to Stainless Steel. Journal of Food Protection, 1999, 62, 994-998. | 0.8 | 94 |
| 141 | Listeria monocytogenes Scott A: Cell Surface Charge, Hydrophobicity, and Electron Donor and Acceptor Characteristics under Different Environmental Growth Conditions. Applied and Environmental Microbiology, 1999, 65, 5328-5333. | 1.4 | 202 |
| 142 | Near- and Mid-Infrared Spectroscopies in Food Authentication:Â Coffee Varietal Identification. Journal of Agricultural and Food Chemistry, 1997, 45, 4357-4361. | 2.4 | 139 |
| 143 | Discrimination ofArabicaandRobustain Instant Coffee by Fourier Transform Infrared Spectroscopy and Chemometrics. Journal of Agricultural and Food Chemistry, 1996, 44, 170-174. | 2.4 | 171 |
| 144 | Approaches to Adulteration Detection in Instant Coffees using Infrared Spectroscopy and Chemometrics. Journal of the Science of Food and Agriculture, 1996, 71, 359-366. | 1.7 | 83 |

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| 145 | Approaches to Adulteration Detection in Instant Coffees using Infrared Spectroscopy and Chemometrics. , 1996, 71, 359. | | 3 |
| 146 | Bacteriophages infecting dairy propionibacteria. Dairy Science and Technology, 1995, 75, 427-434. | 0.9 | 8 |
| 147 | Occurrence of Propionibacterium freudenreichii bacteriophages in swiss cheese. Applied and Environmental Microbiology, 1995, 61, 2572-2576. | 1.4 | 31 |
| 148 | Inferring characteristics of bacterial swimming in biofilm matrix from time-lapse confocal laser scanning microscopy. ELife, 0, 11, . | 2.8 | 3 |