Romain Briandet

List of Publications by Year
in descending order

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Version: 2024-02-01

149 papers	8,255 citations	36303 51 h-index	51608 86 g-index
160 all docs	160 docs citations	160 times ranked	9276 citing authors

#	Article	IF	Citations
1	Critical review on biofilm methods. Critical Reviews in Microbiology, 2017, 43, 313-351.	6.1	693
2	Resistance of bacterial biofilms to disinfectants: a review. Biofouling, 2011, 27, 1017-1032.	2.2	673
3	Biofilm-associated persistence of food-borne pathogens. Food Microbiology, 2015, 45, 167-178.	4.2	373
4	The biofilm architecture of sixty opportunistic pathogens deciphered using a high throughput CLSM method. Journal of Microbiological Methods, 2010, 82, 64-70.	1.6	209
5	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.	3.1	202
6	Involvement of motility and flagella in Bacillus cereus biofilm formation. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.8	196
7	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.	7.1	183
8	Discrimination ofArabicaandRobustain Instant Coffee by Fourier Transform Infrared Spectroscopy and Chemometrics. Journal of Agricultural and Food Chemistry, 1996, 44, 170-174.	5.2	171
9	Near- and Mid-Infrared Spectroscopies in Food Authentication:Â Coffee Varietal Identification. Journal of Agricultural and Food Chemistry, 1997, 45, 4357-4361.	5.2	139
10	Fluorescence Correlation Spectroscopy To Study Diffusion and Reaction of Bacteriophages inside Biofilms. Applied and Environmental Microbiology, 2008, 74, 2135-2143.	3.1	129
11	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.	3.1	129
12	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.	4.2	126
13	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.	4.7	123
14	Biofilms in Food Processing Environments: Challenges and Opportunities. Annual Review of Food Science and Technology, 2019, 10, 173-195.	9.9	120
15	Listeria monocytogenes EGD-e Biofilms: No Mushrooms but a Network of Knitted Chains. Applied and Environmental Microbiology, 2008, 74, 4491-4497.	3.1	114
16	Pathogens protection against the action of disinfectants in multispecies biofilms. Frontiers in Microbiology, 2015, 6, 705.	3.5	113
17	Cleaning and Disinfection of Biofilms Composed of Listeria monocytogenes and Background Microbiota from Meat Processing Surfaces. Applied and Environmental Microbiology, 2017, 83, .	3.1	111
18	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.	3.8	110

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19	Should the biofilm mode of life be taken into consideration for microbial biocontrol agents?. Microbial Biotechnology, 2017, 10, 719-734.	4.2	110
20	Correlative Time-Resolved Fluorescence Microscopy To Assess Antibiotic Diffusion-Reaction in Biofilms. Antimicrobial Agents and Chemotherapy, 2012, 56, 3349-3358.	3.2	104
21	Dynamics of the Action of Biocides in Pseudomonas aeruginosa Biofilms. Antimicrobial Agents and Chemotherapy, 2011, 55, 2648-2654.	3.2	103
22	Modelling the competitive growth between Listeria monocytogenes and biofilm microflora of smear cheese wooden shelves. International Journal of Food Microbiology, 2008, 128, 51-57.	4.7	99
23	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.	1.7	94
24	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.	2.5	91
25	Biofilms of a Bacillus subtilis Hospital Isolate Protect Staphylococcus aureus from Biocide Action. PLoS ONE, 2012, 7, e44506.	2.5	89
26	The biofilm mode of life boosts the anti-inflammatory properties ofLactobacillus. Cellular Microbiology, 2014, 16, 1836-1853.	2.1	85
27	A microbiota-generated bile salt induces biofilm formation in Clostridium difficile. Npj Biofilms and Microbiomes, 2019, 5, 14.	6.4	85
28	Approaches to Adulteration Detection in Instant Coffees using Infrared Spectroscopy and Chemometrics. Journal of the Science of Food and Agriculture, 1996, 71, 359-366.	3.5	83
29	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.	5.0	83
30	The Biofilm Lifestyle Involves an Increase in Bacterial Membrane Saturated Fatty Acids. Frontiers in Microbiology, 2016, 7, 1673.	3.5	83
31	Heterogeneity of Diffusion Inside Microbial Biofilms Determined by Fluorescence Correlation Spectroscopy Under Two-photon ExcitationÂ¶. Photochemistry and Photobiology, 2002, 75, 570.	2.5	81
32	Positive role of peptidoglycan breaks in lactococcal biofilm formation. Molecular Microbiology, 2002, 46, 235-243.	2.5	81
33	The Clostridium difficile Protease Cwp84 Modulates both Biofilm Formation and Cell-Surface Properties. PLoS ONE, 2015, 10, e0124971.	2.5	81
34	Molecular Characterization of a Streptococcus gallolyticus Genomic Island Encoding a Pilus Involved in Endocarditis. Journal of Infectious Diseases, 2011, 204, 1960-1970.	4.0	78
35	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.	3.4	76
36	Nickel Promotes Biofilm Formation by Escherichia coli K-12 Strains That Produce Curli. Applied and Environmental Microbiology, 2009, 75, 1723-1733.	3.1	70

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37	Diffusion of Nanoparticles in Biofilms Is Altered by Bacterial Cell Wall Hydrophobicity. Applied and Environmental Microbiology, 2011, 77, 367-368.	3.1	70
38	Bacterial Biofilm in Seawater: Cell Surface Properties of Early-attached Marine Bacteria. Biofouling, 2003, 19, 307-313.	2.2	68
39	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.	3.8	67
40	Genetic Features of Resident Biofilms Determine Attachment of Listeria monocytogenes. Applied and Environmental Microbiology, 2009, 75, 7814-7821.	3.1	66
41	Inhibition of Listeria monocytogenes by resident biofilms present on wooden shelves used for cheese ripening. Food Control, 2011, 22, 1357-1362.	5.5	65
42	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.	2.5	65
43	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.	3.1	64
44	Piezoelectric immunosensor for direct and rapid detection of staphylococcal enterotoxin A (SEA) at the ng level. Biosensors and Bioelectronics, 2011, 29, 140-144.	10.1	63
45	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.	3.5	61
46	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.	3.1	60
47	In situ measurements of viral particles diffusion inside mucoid biofilms. Comptes Rendus - Biologies, 2005, 328, 1065-1072.	0.2	59
48	The Spatial Architecture of Bacillus subtilis Biofilms Deciphered Using a Surface-Associated Model and In Situ Imaging. PLoS ONE, 2011, 6, e16177.	2.5	59
49	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.	2.4	58
50	Pilus Biogenesis in Lactococcus lactis: Molecular Characterization and Role in Aggregation and Biofilm Formation. PLoS ONE, 2012, 7, e50989.	2.5	56
51	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.	3.1	54
52	Clostridium difficile Biofilm: Remodeling Metabolism and Cell Surface to Build a Sparse and Heterogeneously Aggregated Architecture. Frontiers in Microbiology, 2018, 9, 2084.	3.5	54
53	Impact of Bacterial Membrane Fatty Acid Composition on the Failure of Daptomycin To Kill Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	54
54	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.	3.8	53

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55	Spatial competition withLactococcus lactisin mixed-species continuous-flow biofilms inhibitsListeria monocytogenesgrowth. Biofouling, 2011, 27, 1065-1072.	2.2	52
56	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.	3.8	49
57	Realistic representation of Bacillus subtilis biofilms architecture using combined microscopy (CLSM,) Tj ETQq1 1 0.784314 rgBT /Over	2.2	48
58	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.	3.1	48
59	Effect of Biofilm Formation by Oenococcus oeni on Malolactic Fermentation and the Release of Aromatic Compounds in Wine. Frontiers in Microbiology, 2016, 7, 613.	3.5	48
60	Isolation and Characterization of a Psychrotolerant Toxin Producer, Bacillus weihenstephanensis, in Liquid Egg Products. Journal of Food Protection, 2007, 70, 2782-2791.	1.7	46
61	Subinhibitory Arsenite Concentrations Lead to Population Dispersal in Thiomonas sp.. PLoS ONE, 2011, 6, e23181.	2.5	46
62	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.	3.1	46
63	Positive role of cell wall anchored proteinase PrtP in adhesion of lactococci. BMC Microbiology, 2007, 7, 36.	3.3	45
64	Detection of pathogenic Staphylococcus aureus bacteria by gold based immunosensors. Mikrochimica Acta, 2008, 163, 203-209.	5.0	45
65	Spatial Organization Plasticity as an Adaptive Driver of Surface Microbial Communities. Frontiers in Microbiology, 2017, 8, 1364.	3.5	44
66	Recent advances in nanotechnology for eradicating bacterial biofilm. Theranostics, 2022, 12, 2383-2405.	10.0	43
67	Comparative biocidal activity of peracetic acid, benzalkonium chloride and ortho-phthalaldehyde on 77 bacterial strains. Journal of Hospital Infection, 2011, 78, 208-213.	2.9	42
68	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, .	3.1	42
69	Effect of arsenite on swimming motility delays surface colonization in Herminiimonas arsenicoxydans. Microbiology (United Kingdom), 2010, 156, 2336-2342.	1.8	39
70	Identification of New Factors Modulating Adhesion Abilities of the Pioneer Commensal Bacterium Streptococcus salivarius. Frontiers in Microbiology, 2018, 9, 273.	3.5	35
71	New Insight into Daptomycin Bioavailability and Localization in Staphylococcus aureus Biofilms by Dynamic Fluorescence Imaging. Antimicrobial Agents and Chemotherapy, 2016, 60, 4983-4990.	3.2	34
72	Intestinal release of biofilm-like microcolonies encased in calcium-pectinate beads increases probiotic properties of Lacticaseibacillus paracasei. Npj Biofilms and Microbiomes, 2020, 6, 44.	6.4	33

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73	Occurrence of Propionibacterium freudenreichii bacteriophages in swiss cheese. Applied and Environmental Microbiology, 1995, 61, 2572-2576.	3.1	31
74	Study of erodable paint properties involved in antifouling activity. Biofouling, 2003, 19, 177-186.	2.2	30
75	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.	1.8	30
76	Fluorescence-based tools for single-cell approaches in food microbiology. International Journal of Food Microbiology, 2015, 213, 2-16.	4.7	30
77	The Architecture of Monospecific Microalgae Biofilms. Microorganisms, 2019, 7, 352.	3.6	28
78	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.	3.1	27
79	Shear stress affects the architecture and cohesion of Chlorella vulgaris biofilms. Scientific Reports, 2021, 11, 4002.	3.3	27
80	Streptococcus thermophilus Biofilm Formation: A Remnant Trait of Ancestral Commensal Life?. PLoS ONE, 2015, 10, e0128099.	2.5	27
81	Comparison of the Cell Surface Properties and Growth Characteristics of Listeria monocytogenes and Listeria innocua. Journal of Food Protection, 2002, 65, 786-793.	1.7	26
82	Blp1 protein shows virulence-associated features and elicits protective immunity to Acinetobacter baumannii infection. BMC Microbiology, 2019, 19, 259.	3.3	25
83	A model-based approach to detect interspecific interactions during biofilm development. Biofouling, 2014, 30, 761-771.	2.2	23
84	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.	4.7	22
85	Two FtsH Proteases Contribute to Fitness and Adaptation of Pseudomonas aeruginosa Clone C Strains. Frontiers in Microbiology, 2019, 10, 1372.	3.5	22
86	Evaluation of the Probiotic Properties and the Capacity to Form Biofilms of Various Lactobacillus Strains. Microorganisms, 2020, 8, 1053.	3.6	21
87	Deciphering Biofilm Structure and Reactivity by Multiscale Time-Resolved Fluorescence Analysis. Advances in Experimental Medicine and Biology, 2011, 715, 333-349.	1.6	21
88	Bacillus cereus sensu lato biofilm formation and its ecological importance. Biofilm, 2022, 4, 100070.	3.8	21
89	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.	3.0	18
90	Comparison of the Genetic Features Involved in Bacillus subtilis Biofilm Formation Using Multi-Culturing Approaches. Microorganisms, 2021, 9, 633.	3.6	18

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91	Plasma-deposited nanocomposite polymer-silver coating against Escherichia coli and Staphylococcus aureus: Antibacterial properties and ageing. Surface and Coatings Technology, 2015, 281, 1-10.	4.8	17
92	Quantitative image analysis to characterize the dynamics of Listeria monocytogenes biofilms. International Journal of Food Microbiology, 2016, 236, 130-137.	4.7	17
93	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, .	3.1	17
94	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.	3.0	17
95	Pseudomonas grimontii biofilm protects food contact surfaces from Escherichia coli colonization. LWT - Food Science and Technology, 2017, 85, 309-315.	5.2	16
96	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.	3.5	15
97	Anisotropic nutrient transport in threeâ€dimensional single species bacterial biofilms. Biotechnology and Bioengineering, 2012, 109, 1280-1292.	3.3	13
98	Exploration of the role of the virulence factor ElrA during Enterococcus faecalis cell infection. Scientific Reports, 2018, 8, 1749.	3.3	13
99	It is all about location: how to pinpoint microorganisms and their functions in multispecies biofilms. Future Microbiology, 2017, 12, 987-999.	2.0	13
100	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.	1.5	12
101	Temporal variation of recombinant protein expression in Escherichia coli biofilms analysed at single-cell level. Process Biochemistry, 2016, 51, 1155-1161.	3.7	12
102	Comparison of biofilm formation and motility processes in arsenicâ€resistant Thiomonas spp. strains revealed divergent response to arsenite. Microbial Biotechnology, 2017, 10, 789-803.	4.2	12
103	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.	3.6	12
104	The coordinated population redistribution between Bacillus subtilis submerged biofilm and liquid-air pellicle. Biofilm, 2022, 4, 100065.	3.8	12
105	Effect of dairy matrices on the survival of Streptococcus thermophilus , Brevibacterium aurantiacum and Hafnia alvei during digestion. Food Research International, 2017, 100, 477-488.	6.2	11
106	Contribution of Confocal Laser Scanning Microscopy in Deciphering Biofilm Tridimensional Structure and Reactivity. Methods in Molecular Biology, 2014, 1147, 255-266.	0.9	11
107	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, .	7.1	11
108	Positive biofilms to guide surface microbial ecology in livestock buildings. Biofilm, 2022, 4, 100075.	3.8	11

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109	Ex Vivo Fluorescence Imaging of Normal and Malignant Urothelial Cells to Enhance Early Diagnosis. Photochemistry and Photobiology, 2007, 83, 1157-1166.	2.5	10
110	Microbial Biofilms: Structural Plasticity and Emerging Properties. Microorganisms, 2022, 10, 138.	3.6	10
111	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.	2.5	9
112	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.	2.6	9
113	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.	3.8	9
114	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.	1.7	8
115	Heterogeneity of Diffusion Inside Microbial Biofilms Determined by Fluorescence Correlation Spectroscopy Under Two-photon ExcitationÂ¶. Photochemistry and Photobiology, 2007, 75, 570-578.	2.5	8
116	MICROSCOPY | Confocal Laser Scanning Microscopy. , 2014, , 676-683.		8
117	Bacteriophages infecting dairy propionibacteria. Dairy Science and Technology, 1995, 75, 427-434.	0.9	8
118	Capture and Ex-Situ Analysis of Environmental Biofilms in Livestock Buildings. Microorganisms, 2022, 10, 2.	3.6	7
119	EmbRS a new twoâ€ccomponent system that inhibits biofilm formation and saves R ubrivivax gelatinosus from sinking. MicrobiologyOpen, 2013, 2, 431-446.	3.0	6
120	Genome Sequences of Two Nondomesticated Bacillus subtilis Strains Able To Form Thick Biofilms on Submerged Surfaces. Genome Announcements, 2014, 2, .	0.8	6
121	Editorial: Biofilms from a Food Microbiology Perspective: Structures, Functions, and Control Strategies. Frontiers in Microbiology, 2016, 7, 1938.	3.5	6
122	Modeling Reveals the Role of Aging and Glucose Uptake Impairment in L1A1 Listeria monocytogenes Biofilm Life Cycle. Frontiers in Microbiology, 2017, 8, 2118.	3.5	6
123	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.	3.0	6
124	Emergence of a Synergistic Diversity as a Response to Competition in Pseudomonas putida Biofilms. Microbial Ecology, 2020, 80, 47-59.	2.8	6
125	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.	2.5	6
126	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.	0.9	6

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127	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
128	Spatial organisation of Listeria monocytogenes and Escherichia coli O157:H7 cultivated in gel matrices. Food Microbiology, 2022, 103, 103965.	4.2	5
129	Image-based Fluorescence Recovery After Photobleaching (FRAP) to dissect vancomycin diffusion-reaction processes in Staphylococcus aureus biofilms. , 2011, , .		4
130	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.	2.9	4
131	Image-based fluorescence recovery after photobleaching (FRAP) to dissect vancomycin diffusion-reaction processes in Staphylococcus aureus biofilms. Proceedings of SPIE, 2011, , .	0.8	3
132	Spatio-temporal Interaction of Bacteria Mixture within Biofilms. Procedia Environmental Sciences, 2015, 26, 11-18.	1.4	3
133	Approaches to Adulteration Detection in Instant Coffees using Infrared Spectroscopy and Chemometrics. Journal of the Science of Food and Agriculture, 1996, 71, 359-366.	3.5	3
134	Impact of temperature on Marinobacter hydrocarbonoclasticus SP17 morphology and biofilm structure during growth on alkanes. Microbiology (United Kingdom), 2017, 163, 669-677.	1.8	3
135	Inferring characteristics of bacterial swimming in biofilm matrix from time-lapse confocal laser scanning microscopy. ELife, 0, 11, .	6.0	3
136	Confocal Laser Microscopy Analysis of Listeria monocytogenes Biofilms and Spatially Organized Communities. Methods in Molecular Biology, 2021, 2220, 123-136.	0.9	2
137	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
138	Tracking swimmers bacteria and pores within a biofilm. , 2014, , .		1
139	Mosaic-CLSM Assessment of Bacterial Spatial Distribution in Cosmetic Matrices According to Matrix Viscosity and Bacterial Hydrophobicity. Cosmetics, 2020, 7, 32.	3.3	1
140	Study of Erodable Paint Properties Involved in Antifouling Activity. Biofouling, 2003, 19, 177-186.	2.2	1
141	Genome Sequence of Bacillus velezensis P1, a Strain Isolated from a Biofilm Captured on a Pig Farm Building. Microbiology Resource Announcements, 2022, , e0121921.	0.6	1
142	Study of Erodable Paint Properties Involved in Antifouling Activity. Biofouling, 2003, 19, 177-186.	2.2	1
143	<title>Characterization of the diffusion of fluorophores within microbial biofilms by flourescence correlation microscopy under two-photon excitation</title>. , 2001, , .		0
144	Non invasive SFG spectroscopy: a tool to reveal the conformational change of grafted chains due to bacterial adhesion. , 2011, , .		0

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145	Effect of arsenite and growth in biofilm conditions on the evolution of Thiomonas sp. CB2. Microbial Genomics, 2020, 6, .	2.0	0
146	5 Mode de vie en biofilm pour le peuple microscopique des surfaces. , 2020, , 101-130.		0
147	Chapitre 5: Biofilm lifestyle of the microscopic inhabitants of surfaces.. , 2020, , 95-122.		0
148	Chapitre 5: Biofilm lifestyle of the microscopic inhabitants of surfaces.. , 2020, , 95-122.		0
149	5 Mode de vie en biofilm pour le peuple microscopique des surfaces. , 2020, , 101-130.		0