Arnaud Bridier

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	2,136 citations	430874 18 h-index	395702 33 g-index
35 all docs	35 docs citations	35 times ranked	2813 citing authors

#	Article	IF	Citations
1	Genomic elements located in the accessory repertoire drive the adaptation to biocides in Listeria monocytogenes strains from different ecological niches. Food Microbiology, 2022, 106, 103757.	4.2	8
2	The coordinated population redistribution between Bacillus subtilis submerged biofilm and liquid-air pellicle. Biofilm, 2022, 4, 100065.	3.8	12
3	Microbial Biofilms: Structural Plasticity and Emerging Properties. Microorganisms, 2022, 10, 138.	3.6	10
4	A European-wide dataset to uncover adaptive traits of Listeria monocytogenes to diverse ecological niches. Scientific Data, 2022, 9, 190.	5.3	9
5	FepR as a Central Genetic Target in the Adaptation to Quaternary Ammonium Compounds and Cross-Resistance to Ciprofloxacin in Listeria monocytogenes. Frontiers in Microbiology, 2022, 13, .	3.5	7
6	Exposure to Quaternary Ammonium Compounds Selects Resistance to Ciprofloxacin in Listeria monocytogenes. Pathogens, 2021, 10, 220.	2.8	26
7	Comparison of the Genetic Features Involved in Bacillus subtilis Biofilm Formation Using Multi-Culturing Approaches. Microorganisms, 2021, 9, 633.	3.6	18
8	Selection of a Gentamicin-Resistant Variant Following Polyhexamethylene Biguanide (PHMB) Exposure in Escherichia coli Biofilms. Antibiotics, 2021, 10, 553.	3.7	4
9	Emergence of a Synergistic Diversity as a Response to Competition in Pseudomonas putida Biofilms. Microbial Ecology, 2020, 80, 47-59.	2.8	6
10	Biorefinery for heterogeneous organic waste using microbial electrochemical technology. Bioresource Technology, 2019, 292, 121943.	9.6	15
11	Impact of cleaning and disinfection procedures on microbial ecology and Salmonella antimicrobial resistance in a pig slaughterhouse. Scientific Reports, 2019, 9, 12947.	3.3	23
12	Exploring Foodborne Pathogen Ecology and Antimicrobial Resistance in the Light of Shotgun Metagenomics. Methods in Molecular Biology, 2019, 1918, 229-245.	0.9	7
13	Spatial Organization Plasticity as an Adaptive Driver of Surface Microbial Communities. Frontiers in Microbiology, 2017, 8, 1364.	3.5	44
14	Whole Proteome Analyses on Ruminiclostridium cellulolyticum Show a Modulation of the Cellulolysis Machinery in Response to Cellulosic Materials with Subtle Differences in Chemical and Structural Properties. PLoS ONE, 2017, 12, e0170524.	2.5	16
15	Biocathodes reducing oxygen at high potential select biofilms dominated by Ectothiorhodospiraceae populations harboring a specific association of genes. Bioresource Technology, 2016, 214, 55-62.	9.6	19
16	Fluorescence-based tools for single-cell approaches in food microbiology. International Journal of Food Microbiology, 2015, 213, 2-16.	4.7	30
17	Successive bioanode regenerations to maintain efficient current production from biowaste. Bioelectrochemistry, 2015, 106, 133-140.	4.6	20
18	Comparison of synthetic medium and wastewater used as dilution medium to design scalable microbial anodes: Application to food waste treatment. Bioresource Technology, 2015, 185, 106-115.	9.6	51

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19	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
20	Biofilm-associated persistence of food-borne pathogens. Food Microbiology, 2015, 45, 167-178.	4.2	373
21	Genome Sequences of Two Nondomesticated Bacillus subtilis Strains Able To Form Thick Biofilms on Submerged Surfaces. Genome Announcements, 2014, 2, .	0.8	6
22	A model-based approach to detect interspecific interactions during biofilm development. Biofouling, 2014, 30, 761-771.	2.2	23
23	Contribution of Confocal Laser Scanning Microscopy in Deciphering Biofilm Tridimensional Structure and Reactivity. Methods in Molecular Biology, 2014, 1147, 255-266.	0.9	11
24	Realistic representation of Bacillus subtilis biofilms architecture using combined microscopy (CLSM,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	48
25	Biofilms of a Bacillus subtilis Hospital Isolate Protect Staphylococcus aureus from Biocide Action. PLoS ONE, 2012, 7, e44506.	2.5	89
26	Anisotropic nutrient transport in threeâ€dimensional single species bacterial biofilms. Biotechnology and Bioengineering, 2012, 109, 1280-1292.	3.3	13
27	Resistance of bacterial biofilms to disinfectants: a review. Biofouling, 2011, 27, 1017-1032.	2.2	673
28	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
29	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
30	Dynamics of the Action of Biocides in Pseudomonas aeruginosa Biofilms. Antimicrobial Agents and Chemotherapy, 2011, 55, 2648-2654.	3.2	103
31	Deciphering Biofilm Structure and Reactivity by Multiscale Time-Resolved Fluorescence Analysis. Advances in Experimental Medicine and Biology, 2011, 715, 333-349.	1.6	21
32	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
33	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