

# Arnaud Bridier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5851882/publications.pdf>

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	Resistance of bacterial biofilms to disinfectants: a review. <i>Biofouling</i> , 2011, 27, 1017-1032.	2.2	673
2	Biofilm-associated persistence of food-borne pathogens. <i>Food Microbiology</i> , 2015, 45, 167-178.	4.2	373
3	The biofilm architecture of sixty opportunistic pathogens deciphered using a high throughput CLSM method. <i>Journal of Microbiological Methods</i> , 2010, 82, 64-70.	1.6	209
4	Dynamics of the Action of Biocides in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2648-2654.	3.2	103
5	Novel roles of LeuO in transcription regulation of <i>E. coli</i> genome: antagonistic interplay with the universal silencer H-NS. <i>Molecular Microbiology</i> , 2011, 82, 378-397.	2.5	91
6	Biofilms of a <i>Bacillus subtilis</i> Hospital Isolate Protect <i>Staphylococcus aureus</i> from Biocide Action. <i>PLoS ONE</i> , 2012, 7, e44506.	2.5	89
7	The Spatial Architecture of <i>Bacillus subtilis</i> Biofilms Deciphered Using a Surface-Associated Model and In Situ Imaging. <i>PLoS ONE</i> , 2011, 6, e16177.	2.5	59
8	Comparison of synthetic medium and wastewater used as dilution medium to design scalable microbial anodes: Application to food waste treatment. <i>Bioresource Technology</i> , 2015, 185, 106-115.	9.6	51
9	Realistic representation of <i>Bacillus subtilis</i> biofilms architecture using combined microscopy (CLSM,) Tj ETQq1 1 0.784314 rgBT /Over	2.2	48
10	Identification of <i>yypP</i> as a New <i>Bacillus subtilis</i> Biofilm Determinant That Mediates the Protection of <i>Staphylococcus aureus</i> against Antimicrobial Agents in Mixed-Species Communities. <i>Applied and Environmental Microbiology</i> , 2015, 81, 109-118.	3.1	48
11	Spatial Organization Plasticity as an Adaptive Driver of Surface Microbial Communities. <i>Frontiers in Microbiology</i> , 2017, 8, 1364.	3.5	44
12	Comparative biocidal activity of peracetic acid, benzalkonium chloride and ortho-phthalaldehyde on 77 bacterial strains. <i>Journal of Hospital Infection</i> , 2011, 78, 208-213.	2.9	42
13	Fluorescence-based tools for single-cell approaches in food microbiology. <i>International Journal of Food Microbiology</i> , 2015, 213, 2-16.	4.7	30
14	Exposure to Quaternary Ammonium Compounds Selects Resistance to Ciprofloxacin in <i>Listeria monocytogenes</i> . <i>Pathogens</i> , 2021, 10, 220.	2.8	26
15	A model-based approach to detect interspecific interactions during biofilm development. <i>Biofouling</i> , 2014, 30, 761-771.	2.2	23
16	Impact of cleaning and disinfection procedures on microbial ecology and <i>Salmonella</i> antimicrobial resistance in a pig slaughterhouse. <i>Scientific Reports</i> , 2019, 9, 12947.	3.3	23
17	Deciphering Biofilm Structure and Reactivity by Multiscale Time-Resolved Fluorescence Analysis. <i>Advances in Experimental Medicine and Biology</i> , 2011, 715, 333-349.	1.6	21
18	Successive bioanode regenerations to maintain efficient current production from biowaste. <i>Bioelectrochemistry</i> , 2015, 106, 133-140.	4.6	20

#	ARTICLE	IF	CITATIONS
19	Biocathodes reducing oxygen at high potential select biofilms dominated by Ectothiorhodospiraceae populations harboring a specific association of genes. <i>Bioresource Technology</i> , 2016, 214, 55-62.	9.6	19
20	Comparison of the Genetic Features Involved in <i>Bacillus subtilis</i> Biofilm Formation Using Multi-Culturing Approaches. <i>Microorganisms</i> , 2021, 9, 633.	3.6	18
21	Whole Proteome Analyses on <i>Ruminiclostridium cellulolyticum</i> Show a Modulation of the Cellulolysis Machinery in Response to Cellulosic Materials with Subtle Differences in Chemical and Structural Properties. <i>PLoS ONE</i> , 2017, 12, e0170524.	2.5	16
22	Biorefinery for heterogeneous organic waste using microbial electrochemical technology. <i>Bioresource Technology</i> , 2019, 292, 121943.	9.6	15
23	Anisotropic nutrient transport in three-dimensional single species bacterial biofilms. <i>Biotechnology and Bioengineering</i> , 2012, 109, 1280-1292.	3.3	13
24	The coordinated population redistribution between <i>Bacillus subtilis</i> submerged biofilm and liquid-air pellicle. <i>Biofilm</i> , 2022, 4, 100065.	3.8	12
25	Contribution of Confocal Laser Scanning Microscopy in Deciphering Biofilm Tridimensional Structure and Reactivity. <i>Methods in Molecular Biology</i> , 2014, 1147, 255-266.	0.9	11
26	Microbial Biofilms: Structural Plasticity and Emerging Properties. <i>Microorganisms</i> , 2022, 10, 138.	3.6	10
27	A European-wide dataset to uncover adaptive traits of <i>Listeria monocytogenes</i> to diverse ecological niches. <i>Scientific Data</i> , 2022, 9, 190.	5.3	9
28	Genomic elements located in the accessory repertoire drive the adaptation to biocides in <i>Listeria monocytogenes</i> strains from different ecological niches. <i>Food Microbiology</i> , 2022, 106, 103757.	4.2	8
29	Exploring Foodborne Pathogen Ecology and Antimicrobial Resistance in the Light of Shotgun Metagenomics. <i>Methods in Molecular Biology</i> , 2019, 1918, 229-245.	0.9	7
30	FepR as a Central Genetic Target in the Adaptation to Quaternary Ammonium Compounds and Cross-Resistance to Ciprofloxacin in <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	7
31	Genome Sequences of Two Nondomesticated <i>Bacillus subtilis</i> Strains Able To Form Thick Biofilms on Submerged Surfaces. <i>Genome Announcements</i> , 2014, 2, .	0.8	6
32	Emergence of a Synergistic Diversity as a Response to Competition in <i>Pseudomonas putida</i> Biofilms. <i>Microbial Ecology</i> , 2020, 80, 47-59.	2.8	6
33	Selection of a Gentamicin-Resistant Variant Following Polyhexamethylene Biguanide (PHMB) Exposure in <i>Escherichia coli</i> Biofilms. <i>Antibiotics</i> , 2021, 10, 553.	3.7	4