

# Christine Baysse

## List of Publications by Year in descending order

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36  
papers

2,813  
citations

249298

26  
h-index

406436

35  
g-index

38  
all docs

38  
docs citations

38  
times ranked

4005  
citing authors

#	ARTICLE	IF	CITATIONS
1	High affinity iron uptake by pyoverdine in <i>Pseudomonas aeruginosa</i> involves multiple regulators besides Fur, PvdS, and FpvI. <i>BioMetals</i> , 2023, 36, 255-261.	1.8	8
2	A Multi-Skilled Mathematical Model of Bacterial Attachment in Initiation of Biofilms. <i>Microorganisms</i> , 2022, 10, 686.	1.6	4
3	Method for screening antimicrobial gels against multi-species oral biofilms. <i>Journal of Microbiological Methods</i> , 2021, 187, 106253.	0.7	1
4	The events that may contribute to subgingival dysbiosis: a focus on the interplay between iron, sulfide and oxygen. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	7
5	New growth media for oral bacteria. <i>Journal of Microbiological Methods</i> , 2018, 153, 10-13.	0.7	4
6	The Cytochrome bd Oxidase of <i>Porphyromonas gingivalis</i> Contributes to Oxidative Stress Resistance and Dioxygen Tolerance. <i>PLoS ONE</i> , 2015, 10, e0143808.	1.1	18
7	The antibacterial properties of isothiocyanates. <i>Microbiology (United Kingdom)</i> , 2015, 161, 229-243.	0.7	191
8	Inactivation of the LysR regulator Cj1000 of <i>Campylobacter jejuni</i> affects host colonization and respiration. <i>Microbiology (United Kingdom)</i> , 2013, 159, 1165-1178.	0.7	19
9	Insights into the Mode of Action of Benzyl Isothiocyanate on <i>Campylobacter jejuni</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 6958-6968.	1.4	39
10	Antimicrobial Activities of Isothiocyanates Against <i>Campylobacter jejuni</i> Isolates. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 53.	1.8	68
11	Subinhibitory concentrations of the cationic antimicrobial peptide colistin induce the pseudomonas quinolone signal in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 2826-2837.	0.7	74
12	Iron Metabolism: A Promising Target for Antibacterial Strategies. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2009, 4, 190-205.	0.5	68
13	Multiple phenotypic alterations caused by a c-type cytochrome maturation ccmC gene mutation in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 127-138.	0.7	11
14	The post-transcriptional regulator CsrA plays a central role in the adaptation of bacterial pathogens to different stages of infection in animal hosts. <i>Microbiology (United Kingdom)</i> , 2008, 154, 16-29.	0.7	98
15	Role of Membrane Structure During Stress Signalling and Adaptation in <i>Pseudomonas</i> . , 2007, , 193-224.		13
16	Influence of the regulatory protein RsmA on cellular functions in <i>Pseudomonas aeruginosa</i> PAO1, as revealed by transcriptome analysis. <i>Microbiology (United Kingdom)</i> , 2006, 152, 405-418.	0.7	157
17	Impact of the bacterial type I cytochrome <i>c</i> maturation system on different biological processes. <i>Molecular Microbiology</i> , 2005, 56, 1408-1415.	1.2	49
18	Transcriptome profiling of bacterial responses to root exudates identifies genes involved in microbe-plant interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17454-17459.	3.3	232

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19	Identification of two lysophosphatidic acid acyltransferase genes with overlapping function in <i>Pseudomonas fluorescens</i> . <i>Microbiology (United Kingdom)</i> , 2005, 151, 3071-3080.	0.7	46
20	Modulation of quorum sensing in <i>Pseudomonas aeruginosa</i> through alteration of membrane properties. <i>Microbiology (United Kingdom)</i> , 2005, 151, 2529-2542.	0.7	86
21	The putative permease PhE of <i>Pseudomonas fluorescens</i> F113 has a role in 2,4-diacetylphloroglucinol resistance and in general stress tolerance. <i>Microbiology (United Kingdom)</i> , 2004, 150, 2443-2450.	0.7	50
22	The <i>Pseudomonas</i> siderophore quinolobactin is synthesized from xanthurenic acid, an intermediate of the kynurenine pathway. <i>Molecular Microbiology</i> , 2004, 52, 371-384.	1.2	98
23	Identification of type II and type III pyoverdine receptors from <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 821-831.	0.7	90
24	Co-ordination of iron acquisition, iron porphyrin chelation and iron protoporphyrin export via the cytochrome c biogenesis protein CcmC in <i>Pseudomonas fluorescens</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 3543-3552.	0.7	20
25	Characterization of a new efflux pump, MexGHI-OpmD, from <i>Pseudomonas aeruginosa</i> that confers resistance to vanadium. <i>Microbiology (United Kingdom)</i> , 2002, 148, 2371-2381.	0.7	186
26	Siderophore-Mediated Iron Uptake in Fluorescent <i>Pseudomonas</i> : Characterization of the Pyoverdine-Receptor Binding Site of Three Cross-Reacting Pyoverdines. <i>Archives of Biochemistry and Biophysics</i> , 2002, 397, 179-183.	1.4	40
27	Impaired maturation of the siderophore pyoverdine chromophore in <i>Pseudomonas fluorescens</i> ATCC 17400 deficient for the cytochrome c biogenesis protein CcmC. <i>FEBS Letters</i> , 2002, 523, 23-28.	1.3	33
28	The pyocins of <i>Pseudomonas aeruginosa</i> . <i>Biochimie</i> , 2002, 84, 499-510.	1.3	459
29	Identification of new, conserved, non-ribosomal peptide synthetases from fluorescent pseudomonads involved in the biosynthesis of the siderophore pyoverdine. <i>Molecular Microbiology</i> , 2002, 45, 1673-1685.	1.2	118
30	Impact of mutations in hemA and hemH genes on pyoverdine production by <i>Pseudomonas fluorescens</i> ATCC 17400. <i>FEMS Microbiology Letters</i> , 2001, 205, 57-63.	0.7	27
31	Quinolobactin, a New Siderophore of <i>Pseudomonas fluorescens</i> ATCC 17400, the Production of Which Is Repressed by the Cognate Pyoverdine. <i>Applied and Environmental Microbiology</i> , 2000, 66, 487-492.	1.4	105
32	Vanadium interferes with siderophore-mediated iron uptake in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2000, 146, 2425-2434.	0.7	97
33	cumA, a Gene Encoding a Multicopper Oxidase, Is Involved in Mn <sup>2+</sup> Oxidation in <i>Pseudomonas putida</i> GB-1. <i>Applied and Environmental Microbiology</i> , 1999, 65, 1762-1768.	1.4	148
34	Uptake of Pyocin S3 Occurs through the Outer Membrane Ferripyoverdine Type II Receptor of <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1999, 181, 3849-3851.	1.0	61
35	Different residues in periplasmic domains of the CcmC inner membrane protein of <i>Pseudomonas fluorescens</i> ATCC 17400 are critical for cytochrome c biogenesis and pyoverdine-mediated iron uptake. <i>Molecular Microbiology</i> , 1998, 30, 547-555.	1.2	31
36	Molecular Characterization of Pyocin S3, a Novel S-type Pyocin from <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 8920-8927.	1.6	55