

Emmanuelle DÃ©

List of Publications by Year in descending order

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67
papers

2,417
citations

172457

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214800

47
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67
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docs citations

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times ranked

3096
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of Resistance-Nodulation-Cell Division Efflux Systems to Antibiotic Resistance and Biofilm Formation in <i>Acinetobacter baumannii</i> . <i>MBio</i> , 2015, 6, .	4.1	165
2	A new mechanism of antibiotic resistance in Enterobacteriaceae induced by a structural modification of the major porin. <i>Molecular Microbiology</i> , 2001, 41, 189-198.	2.5	134
3	Incorporation of a Hydrophobic Antibacterial Peptide into Amphiphilic Polyelectrolyte Multilayers: A Bioinspired Approach to Prepare Biocidal Thin Coatings. <i>Advanced Functional Materials</i> , 2008, 18, 758-765.	14.9	118
4	Channel Formation by CarO, the Carbapenem Resistance-Associated Outer Membrane Protein of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4876-4883.	3.2	111
5	Growth Retardation, Reduced Invasiveness, and Impaired Colistin-Mediated Cell Death Associated with Colistin Resistance Development in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 828-832.	3.2	94
6	Biofilm formation at the solid-liquid and air-liquid interfaces by <i>Acinetobacter</i> species. <i>BMC Research Notes</i> , 2011, 4, 5.	1.4	84
7	Lysine Succinylation and Acetylation in <i>Pseudomonas aeruginosa</i> . <i>Journal of Proteome Research</i> , 2018, 17, 2449-2459.	3.7	81
8	Global Comparison of the Membrane Subproteomes between a Multidrug-Resistant <i>Acinetobacter baumannii</i> Strain and a Reference Strain. <i>Journal of Proteome Research</i> , 2006, 5, 3385-3398.	3.7	80
9	Growth of <i>Acinetobacter baumannii</i> in Pellicle Enhanced the Expression of Potential Virulence Factors. <i>PLoS ONE</i> , 2011, 6, e26030.	2.5	80
10	Structure-function relationships of CarO, the carbapenem resistance-associated outer membrane protein of <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2053-2056.	3.0	78
11	Characterisation of Pellicles Formed by <i>Acinetobacter baumannii</i> at the Air-Liquid Interface. <i>PLoS ONE</i> , 2014, 9, e111660.	2.5	75
12	Ionophore properties of OmpA of <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1145, 119-123.	2.6	66
13	Virstatin inhibits biofilm formation and motility of <i>Acinetobacter baumannii</i> . <i>BMC Microbiology</i> , 2014, 14, 62.	3.3	66
14	Enhanced Adhesion of <i>Campylobacter jejuni</i> to Abiotic Surfaces Is Mediated by Membrane Proteins in Oxygen-Enriched Conditions. <i>PLoS ONE</i> , 2012, 7, e46402.	2.5	60
15	<i>Enterobacter aerogenes</i> OmpX, a cation-selective channel and osmo-regulated. <i>FEBS Letters</i> , 2004, 569, 27-30.	2.8	59
16	Unsaturated Fatty Acids Affect Quorum Sensing Communication System and Inhibit Motility and Biofilm Formation of <i>Acinetobacter baumannii</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 214.	4.1	58
17	Comparison between the biofilm initiation of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> strains to an inert surface using BioFilm Ring Test. <i>Journal of Applied Microbiology</i> , 2010, 108, 1303-1312.	3.1	57
18	Deciphering the Function of the Outer Membrane Protein OprD Homologue of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3826-3832.	3.2	57

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19	The outer membrane porin OmpW of <i>Acinetobacter baumannii</i> is involved in iron uptake and colistin binding. <i>FEBS Letters</i> , 2016, 590, 224-231.	2.8	54
20	MOMP (major outer membrane protein) of <i>Campylobacter jejuni</i> ; a versatile pore-forming protein. <i>FEBS Letters</i> , 2000, 469, 93-97.	2.8	53
21	Alteration of pore properties of <i>Escherichia coli</i> OmpF induced by mutation of key residues in anti-loop 3 region. <i>Biochemical Journal</i> , 2002, 363, 521.	3.7	53
22	Global Dynamic Proteome Study of a Pellicle-forming <i>Acinetobacter baumannii</i> Strain. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 100-112.	3.8	48
23	Ion channel formation by N-terminal domain: a common feature of OprFs of <i>Pseudomonas</i> and OmpA of <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2000, 190, 261-265.	1.8	38
24	Colistin-Resistant <i>Acinetobacter baumannii</i> Clinical Strains with Deficient Biofilm Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1892-1895.	3.2	38
25	Isolation, amino acid sequence and functional assays of SGTx1. The first toxin purified from the venom of the spider <i>Scodra griseipes</i> . <i>FEBS Journal</i> , 1999, 265, 572-579.	0.2	37
26	Pore Size Dependence on Growth Temperature Is a Common Characteristic of the Major Outer Membrane Protein OprF in Psychrotrophic and Mesophilic <i>Pseudomonas</i> Species. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6665-6669.	3.1	37
27	Proteomic characterization of N ^ε - and N ^γ -acetylation in <i>Acinetobacter baumannii</i> . <i>Journal of Proteomics</i> , 2016, 144, 148-158.	2.4	34
28	Purification, characterization and sequence analysis of Omp50, a new porin isolated from <i>Campylobacter jejuni</i> . <i>Biochemical Journal</i> , 2000, 352, 637-643.	3.7	32
29	Growth temperature dependence of channel size of the major outer-membrane protein (OprF) in psychrotrophic <i>Pseudomonas fluorescens</i> strains. <i>Microbiology (United Kingdom)</i> , 1997, 143, 1029-1035.	1.8	31
30	Amphiphilic biopolymers (amphibiopols) as new surfactants for membrane protein solubilization. <i>Protein Science</i> , 2003, 12, 681-689.	7.6	30
31	Ionic channels formed by a primary amphipathic peptide containing a signal peptide and a nuclear localization sequence. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1375, 52-60.	2.6	25
32	Antibody-Conjugated Nanocarriers for Targeted Antibiotic Delivery: Application in the Treatment of Bacterial Biofilms. <i>Biomacromolecules</i> , 2021, 22, 1639-1653.	5.4	25
33	Proteomic comparison of outer membrane protein patterns of sessile and planktonic <i>Pseudomonas aeruginosa</i> cells. <i>Biofilms</i> , 2005, 2, 27-36.	0.6	23
34	Anti-persister activity of squalamine against <i>Acinetobacter baumannii</i> . <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 337-342.	2.5	19
35	Immobilization Induces Alterations in the Outer Membrane Protein Pattern of <i>Yersinia ruckeri</i> . <i>Journal of Proteome Research</i> , 2005, 4, 1988-1998.	3.7	18
36	Chemical modification of xanthan in the ordered and disordered states: An open route for tuning the physico-chemical properties. <i>Carbohydrate Polymers</i> , 2017, 178, 115-122.	10.2	18

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37	Functional refolding of the <i>Campylobacter jejuni</i> MOMP (major outer membrane protein) porin by GroEL from the same species. <i>Biochemical Journal</i> , 2004, 378, 851-856.	3.7	16
38	Charge and aggregation pattern govern the interaction of plasticins with LPS monolayers mimicking the external leaflet of the outer membrane of Gram-negative bacteria. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2967-2979.	2.6	16
39	Application of Polymeric Nanocarriers for Enhancing the Bioavailability of Antibiotics at the Target Site and Overcoming Antimicrobial Resistance. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10695.	2.5	16
40	Synthesis and characterization of a new biotinylated gramicidin. , 1998, 4, 371-377.		15
41	Evidence for association of lipopolysaccharide with <i>Pseudomonas fluorescens</i> strain MFO porin OprF. <i>Research in Microbiology</i> , 2000, 151, 873-876.	2.1	15
42	Influence of the passenger domain of a model autotransporter on the properties of its translocator domain. <i>Molecular Membrane Biology</i> , 2008, 25, 192-202.	2.0	15
43	Adaptation of <i>Salmonella enterica</i> Hadar under static magnetic field: effects on outer membrane protein pattern. <i>Proteome Science</i> , 2012, 10, 6.	1.7	15
44	Carboxymethylpullulan Grafted with Aminoguaiacol: Synthesis, Characterization, and Assessment of Antibacterial and Antioxidant Properties. <i>Biomacromolecules</i> , 2017, 18, 3238-3251.	5.4	15
45	Chronic wound healing: A specific antibiofilm protein-asymmetric release system. <i>Materials Science and Engineering C</i> , 2020, 106, 110130.	7.3	15
46	Functional characterization of <i>Pseudomonas fluorescens</i> OprE and OprQ membrane proteins. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 1048-1052.	2.1	14
47	Membrane phospholipid composition of <i>Pseudomonas aeruginosa</i> grown in a cystic fibrosis mucus-mimicking medium. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183482.	2.6	14
48	Purification, characterization and sequence analysis of Omp50, a new porin isolated from <i>Campylobacter jejuni</i> . <i>Biochemical Journal</i> , 2000, 352, 637.	3.7	12
49	Involvement of the C-terminal part of <i>Pseudomonas fluorescens</i> OprF in the modulation of its pore-forming properties. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1509, 237-244.	2.6	10
50	Stabilization of membranes upon interaction of amphipathic polymers with membrane proteins. <i>Protein Science</i> , 2008, 13, 3056-3058.	7.6	10
51	Identification by mass spectrometry of glucosaminylphosphatidylglycerol, a phosphatidylglycerol derivative, produced by <i>Pseudomonas aeruginosa</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 2113-2121.	1.5	8
52	BioFluxâ„¢ 200 Microfluidic System to Study <i>A. baumannii</i> Biofilm Formation in a Dynamic Mode of Growth. <i>Methods in Molecular Biology</i> , 2019, 1946, 167-176.	0.9	8
53	Determination of the collision cross sections of cardiolipins and phospholipids from <i>Pseudomonas aeruginosa</i> by traveling wave ion mobility spectrometry-mass spectrometry using a novel correction strategy. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 8123-8131.	3.7	8
54	MacAB-TolC Contributes to the Development of <i>Acinetobacter baumannii</i> Biofilm at the Solid-Liquid Interface. <i>Frontiers in Microbiology</i> , 2021, 12, 785161.	3.5	8

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55	Conformation and ion channel properties of a five-helix bundle protein. <i>Journal of Peptide Science</i> , 2001, 7, 41-49.	1.4	7
56	Characterization of new outer membrane proteins of <i>Pseudomonas aeruginosa</i> using a combinatorial peptide ligand library. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1513-1518.	3.7	7
57	Design of an anti-adhesive surface by a pilicide strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 895-901.	5.0	7
58	Isolation and characterisation of the major outer membrane protein of <i>Erwinia carotovora</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1515, 12-22.	2.6	6
59	Membrane proteomes of <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> . <i>Pathologie Et Biologie</i> , 2011, 59, e136-e139.	2.2	5
60	Unraveling the effects of static magnetic field stress on cytosolic proteins of <i>Salmonella</i> by using a proteomic approach. <i>Canadian Journal of Microbiology</i> , 2016, 62, 338-348.	1.7	5
61	Chromosomal His-tagging: An alternative approach to membrane protein purification. <i>Proteomics</i> , 2007, 7, 399-402.	2.2	3
62	Phosphorylation of Extracellular Proteins in <i>Acinetobacter baumannii</i> in Sessile Mode of Growth. <i>Frontiers in Microbiology</i> , 2021, 12, 738780.	3.5	3
63	Ion channel formation by N-terminal domain: a common feature of OprFs of <i>Pseudomonas</i> and OmpA of <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2000, 190, 261-265.	1.8	3
64	Membrane Proteocomplexome of <i>Campylobacter jejuni</i> Using 2-D Blue Native/SDS-PAGE Combined to Bioinformatics Analysis. <i>Frontiers in Microbiology</i> , 2020, 11, 530906.	3.5	2
65	Modification of poly(dimethyl siloxane) surfaces with an antibacterial claramine-derivative through click-chemistry grafting. <i>Reactive and Functional Polymers</i> , 2021, , 105102.	4.1	2
66	<i>Pseudomonas aeruginosa</i> produces phosphatidyltris(hydroxymethyl)aminomethane and derivatives when grown in Tris-buffered medium. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 703-714.	2.4	1
67	Antibody Conjugated Nanocarriers for Targeted Antibiotic Delivery: Application in the Treatment of Bacterial Biofilm Infections. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0