

# AurÃ©lie Rieu

## List of Publications by Year in descending order

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22  
papers

1,271  
citations

430754

18  
h-index

677027

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution and Characteristics of <i>Listeria monocytogenes</i> Isolates from Surface Waters of the South Nation River Watershed, Ontario, Canada. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5401-5410.	1.4	135
2	<i>agr</i> System of <i>Listeria monocytogenes</i> EGD-e: Role in Adherence and Differential Expression Pattern. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6125-6133.	1.4	134
3	Biofilms of <i>Lactobacillus plantarum</i> and <i>Lactobacillus fermentum</i> : Effect on stress responses, antagonistic effects on pathogen growth and immunomodulatory properties. <i>Food Microbiology</i> , 2016, 53, 51-59.	2.1	126
4	<i>Listeria monocytogenes</i> EGD-e Biofilms: No Mushrooms but a Network of Knitted Chains. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4491-4497.	1.4	114
5	Inhibition of mitophagy drives macrophage activation and antibacterial defense during sepsis. <i>Journal of Clinical Investigation</i> , 2020, 130, 5858-5874.	3.9	87
6	The biofilm mode of life boosts the anti-inflammatory properties of <i>Lactobacillus</i> . <i>Cellular Microbiology</i> , 2014, 16, 1836-1853.	1.1	85
7	Characteristics and frequency of detection of fecal <i>Listeria monocytogenes</i> shed by livestock, wildlife, and humans. <i>Canadian Journal of Microbiology</i> , 2007, 53, 1158-1167.	0.8	77
8	Interactions in dual species biofilms between <i>Listeria monocytogenes</i> EGD-e and several strains of <i>Staphylococcus aureus</i> . <i>International Journal of Food Microbiology</i> , 2008, 126, 76-82.	2.1	63
9	Characterization of the CtsR Stress Response Regulon in <i>Lactobacillus plantarum</i> . <i>Journal of Bacteriology</i> , 2010, 192, 896-900.	1.0	63
10	Inactivation of the <i>ftsH</i> gene of <i>Lactobacillus plantarum</i> WCFS1: Effects on growth, stress tolerance, cell surface properties and biofilm formation. <i>Microbiological Research</i> , 2012, 167, 187-193.	2.5	63
11	Inactivation of a small heat shock protein affects cell morphology and membrane fluidity in <i>Lactobacillus plantarum</i> WCFS1. <i>Research in Microbiology</i> , 2011, 162, 419-425.	1.0	56
12	The oligomer plasticity of the small heat-shock protein Lo18 from <i>Oenococcus oeni</i> influences its role in both membrane stabilization and protein protection. <i>Biochemical Journal</i> , 2012, 444, 97-104.	1.7	36
13	Production of the small heat shock protein Lo18 from <i>Oenococcus oeni</i> in <i>Lactococcus lactis</i> improves its stress tolerance. <i>International Journal of Food Microbiology</i> , 2017, 247, 18-23.	2.1	36
14	Intestinal release of biofilm-like microcolonies encased in calcium-pectinate beads increases probiotic properties of <i>Lactocaseibacillus paracasei</i> . <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 44.	2.9	33
15	Resveratrol-Induced Xenophagy Promotes Intracellular Bacteria Clearance in Intestinal Epithelial Cells and Macrophages. <i>Frontiers in Immunology</i> , 2018, 9, 3149.	2.2	29
16	<i>Lactobacillus</i> stress protein GroEL prevents colonic inflammation. <i>Journal of Gastroenterology</i> , 2021, 56, 442-455.	2.3	29
17	The Phenotypic Analysis of <i>Lactobacillus plantarum</i> <i>shsp</i> Mutants Reveals a Potential Role for <i>hsp1</i> in Cryotolerance. <i>Frontiers in Microbiology</i> , 2019, 10, 838.	1.5	28
18	Exopolysaccharide produced by <i>Weissella confusa</i> : Chemical characterisation, rheology and bioactivity. <i>International Dairy Journal</i> , 2019, 90, 88-94.	1.5	24

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19	Distinct amino acids of the <i>Oenococcus oeni</i> small heat shock protein Lo18 are essential for damaged protein protection and membrane stabilization. <i>FEMS Microbiology Letters</i> , 2010, 309, no-no.	0.7	19
20	Tyrosine-containing peptides are precursors of tyramine produced by <i>Lactobacillus plantarum</i> strain IR BLO076 isolated from wine. <i>BMC Microbiology</i> , 2012, 12, 199.	1.3	15
21	Resveratrol Favors Adhesion and Biofilm Formation of <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> Strain ATCC334. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5423.	1.8	15
22	Disentangling the effect of host genetics and gut microbiota on resistance to an intestinal parasite. <i>International Journal for Parasitology</i> , 2019, 49, 873-883.	1.3	4