

# Silvia Vilches

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

604  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Type III Secretion System of a Mesophilic <i>Aeromonas hydrophila</i> Strain. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6914-6919.	3.1	82
2	Polar Flagellum Biogenesis in <i>Aeromonas hydrophila</i> . <i>Journal of Bacteriology</i> , 2006, 188, 542-555.	2.2	76
3	Analysis of the Lateral Flagellar Gene System of <i>Aeromonas hydrophila</i> AH-3. <i>Journal of Bacteriology</i> , 2006, 188, 852-862.	2.2	74
4	<i>Aeromonas hydrophila</i> AH-3 Type III Secretion System Expression and Regulatory Network. <i>Applied and Environmental Microbiology</i> , 2009, 75, 6382-6392.	3.1	49
5	Alternative Host Model To Evaluate <i>Aeromonas</i> Virulence. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5657-5659.	3.1	47
6	Non-structural flagella genes affecting both polar and lateral flagella-mediated motility in <i>Aeromonas hydrophila</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 1165-1175.	1.8	34
7	<i>Aeromonas hydrophila</i> AH-3 AexT is an ADP-ribosylating toxin secreted through the type III secretion system. <i>Microbial Pathogenesis</i> , 2008, 44, 1-12.	2.9	32
8	Mesophilic <i>Aeromonas</i> UDP-glucose pyrophosphorylase (GalU) mutants show two types of lipopolysaccharide structures and reduced virulence. <i>Microbiology (United Kingdom)</i> , 2007, 153, 2393-2404.	1.8	31
9	The UDP N-Acetylgalactosamine 4-Epimerase Gene Is Essential for Mesophilic <i>Aeromonas hydrophila</i> Serotype O34 Virulence. <i>Infection and Immunity</i> , 2006, 74, 537-548.	2.2	29
10	Genetics and Proteomics of <i>Aeromonas salmonicida</i> Lipopolysaccharide Core Biosynthesis. <i>Journal of Bacteriology</i> , 2009, 191, 2228-2236.	2.2	29
11	Role of Gne and GalE in the Virulence of <i>Aeromonas hydrophila</i> Serotype O34. <i>Journal of Bacteriology</i> , 2007, 189, 540-550.	2.2	24
12	The <i>Aeromonas hydrophila</i> wb * O34 Gene Cluster: Genetics and Temperature Regulation. <i>Journal of Bacteriology</i> , 2008, 190, 4198-4209.	2.2	20
13	Neurotoxicity of Prion Peptides Mimicking the Central Domain of the Cellular Prion Protein. <i>PLoS ONE</i> , 2013, 8, e70881.	2.5	20
14	A C1q-binding 40kDa porin from <i>Aeromonas salmonicida</i> : Cloning, sequencing, role in serum susceptibility and fish immunoprotection. <i>Microbial Pathogenesis</i> , 2005, 38, 227-237.	2.9	15
15	Two Redundant Sodium-Driven Stator Motor Proteins Are Involved in <i>Aeromonas hydrophila</i> Polar Flagellum Rotation. <i>Journal of Bacteriology</i> , 2009, 191, 2206-2217.	2.2	15
16	A Bifunctional Enzyme in a Single Gene Catalyzes the Incorporation of GlcN into the <i>Aeromonas</i> Core Lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 2009, 284, 32995-33005.	3.4	11
17	The <i>Aeromonas</i> dsbA mutation decreased their virulence by triggering type III secretion system but not flagella production. <i>Microbial Pathogenesis</i> , 2012, 52, 130-139.	2.9	9
18	Domain-Specific Activation of Death-Associated Intracellular Signalling Cascades by the Cellular Prion Protein in Neuroblastoma Cells. <i>Molecular Neurobiology</i> , 2016, 53, 4438-4448.	4.0	5

#	ARTICLE	IF	CITATIONS
19	Reelin Expression in Creutzfeldt-Jakob Disease and Experimental Models of Transmissible Spongiform Encephalopathies. <i>Molecular Neurobiology</i> , 2017, 54, 6412-6425.	4.0	2