

MarÃ-a A Llamas

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,667
citations

411340

20
h-index

563245

28
g-index

30
all docs

30
docs citations

30
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Regulated Proteolysis in the Communication of Bacteria With the Environment. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 586497.	1.6	13
2	The extracytoplasmic function sigma factor σ^{VreI} is active during infection and contributes to phosphate starvation-induced virulence of <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2020, 10, 3139.	1.6	13
3	<i>Pseudomonas aeruginosa</i> possesses three distinct systems for sensing and using the host molecule haem. <i>Environmental Microbiology</i> , 2019, 21, 4629-4647.	1.8	42
4	Diversity of extracytoplasmic function sigma (σ^{ECF}) factor-dependent signaling in <i>Pseudomonas</i> . <i>Molecular Microbiology</i> , 2019, 112, 356-373.	1.2	34
5	Type VI secretion systems in plant-associated bacteria. <i>Environmental Microbiology</i> , 2018, 20, 1-15.	1.8	199
6	The <i>Pseudomonas putida</i> T6SS is a plant warden against phytopathogens. <i>ISME Journal</i> , 2017, 11, 972-987.	4.4	232
7	New Insights into the Regulation of Cell-Surface Signaling Activity Acquired from a Mutagenesis Screen of the <i>Pseudomonas putida</i> σ^{lutY} Sigma/Anti-Sigma Factor. <i>Frontiers in Microbiology</i> , 2017, 8, 747.	1.5	11
8	The Activity of the <i>Pseudomonas aeruginosa</i> Virulence Regulator σ^{VreI} Is Modulated by the Anti- σ Factor σ^{VreR} and the Transcription Factor PhoB. <i>Frontiers in Microbiology</i> , 2016, 7, 1159.	1.5	20
9	Rhizosphere selection of <i>Pseudomonas putida</i> KT2440 variants with increased fitness associated to changes in gene expression. <i>Environmental Microbiology Reports</i> , 2016, 8, 842-850.	1.0	6
10	Processing of cell-surface signalling anti-sigma factors prior to signal recognition is a conserved autoproteolytic mechanism that produces two functional domains. <i>Environmental Microbiology</i> , 2015, 17, 3263-3277.	1.8	26
11	Analysis of the pathogenic potential of nosocomial <i>Pseudomonas putida</i> strains. <i>Frontiers in Microbiology</i> , 2015, 6, 871.	1.5	78
12	Self-cleavage of the <i>Pseudomonas aeruginosa</i> Cell-surface Signaling Anti-sigma Factor σ^{FoxR} Occurs through an N-O Acyl Rearrangement. <i>Journal of Biological Chemistry</i> , 2015, 290, 12237-12246.	1.6	24
13	Assessing <i>Pseudomonas</i> Virulence with Nonmammalian Host: Zebrafish. <i>Methods in Molecular Biology</i> , 2014, 1149, 709-721.	0.4	11
14	The σ^{Prc} and σ^{RseP} proteases control bacterial cell-surface signalling activity. <i>Environmental Microbiology</i> , 2014, 16, 2433-2443.	1.8	32
15	Cell-surface signaling in <i>Pseudomonas</i> : stress responses, iron transport, and pathogenicity. <i>FEMS Microbiology Reviews</i> , 2014, 38, 569-597.	3.9	137
16	Phosphate starvation relayed by PhoB activates the expression of the <i>Pseudomonas aeruginosa</i> σ^{VreI} ECF factor and its target genes. <i>Microbiology (United Kingdom)</i> , 2013, 159, 1315-1327.	0.7	33
17	Antibiotic adjuvants: identification and clinical use. <i>Microbial Biotechnology</i> , 2013, 6, 445-449.	2.0	76
18	Promising biotechnological applications of antibiofilm exopolysaccharides. <i>Microbial Biotechnology</i> , 2012, 5, 670-673.	2.0	56

#	ARTICLE	IF	CITATIONS
19	Cell-Surface Signalling in <i>Pseudomonas</i> . , 2010, , 59-95.		5
20	A Novel Extracytoplasmic Function (ECF) Sigma Factor Regulates Virulence in <i>Pseudomonas aeruginosa</i> . PLoS Pathogens, 2009, 5, e1000572.	2.1	77
21	Characterization of five novel <i>Pseudomonas aeruginosa</i> cell-surface signalling systems. Molecular Microbiology, 2008, 67, 458-472.	1.2	102
22	Characterization of the integrated filamentous phage Pf5 and its involvement in small-colony formation. Microbiology (United Kingdom), 2007, 153, 1790-1798.	0.7	54
23	Iron Gate: the Translocation System. Journal of Bacteriology, 2006, 188, 3172-3174.	1.0	11
24	The Heterologous Siderophores Ferrioxamine B and Ferrichrome Activate Signaling Pathways in <i>Pseudomonas aeruginosa</i> . Journal of Bacteriology, 2006, 188, 1882-1891.	1.0	145
25	The Tol-OprL System of <i>Pseudomonas</i> . , 2004, , 603-633.		0
26	Role of <i>Pseudomonas putida</i> tol-oprL Gene Products in Uptake of Solutes through the Cytoplasmic Membrane. Journal of Bacteriology, 2003, 185, 4707-4716.	1.0	63
27	Transcriptional Organization of the <i>Pseudomonas putida</i> tol-oprL Genes. Journal of Bacteriology, 2003, 185, 184-195.	1.0	30
28	A WbpL mutant of <i>Pseudomonas putida</i> DOT-T1E strain, which lacks the O-antigenic side chain of lipopolysaccharides, is tolerant to organic solvent shocks. Extremophiles, 2001, 5, 93-99.	0.9	11
29	The interaction of coenzyme Q with phosphatidylethanolamine membranes. FEBS Journal, 2001, 259, 739-746.	0.2	28
30	Mutations in Each of the tol Genes of <i>Pseudomonas putida</i> Reveal that They Are Critical for Maintenance of Outer Membrane Stability. Journal of Bacteriology, 2000, 182, 4764-4772.	1.0	98