

Jose Juan Rodriguez Herva

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

1,367
citations

18
h-index

31
g-index

31
ext. papers

1,548
ext. citations

4.8
avg, IF

3.85
L-index

#	Paper	IF	Citations
31	Mechanisms for solvent tolerance in bacteria. <i>Journal of Biological Chemistry</i> , 1997 , 272, 3887-90	5.4	211
30	Convergent peripheral pathways catalyze initial glucose catabolism in <i>Pseudomonas putida</i> : genomic and flux analysis. <i>Journal of Bacteriology</i> , 2007 , 189, 5142-52	3.5	195
29	Genomic analysis reveals the major driving forces of bacterial life in the rhizosphere. <i>Genome Biology</i> , 2007 , 8, R179	18.3	156
28	A bacterial cysteine protease effector protein interferes with photosynthesis to suppress plant innate immune responses. <i>Cellular Microbiology</i> , 2012 , 14, 669-81	3.9	122
27	Mutations in each of the tol genes of <i>Pseudomonas putida</i> reveal that they are critical for maintenance of outer membrane stability. <i>Journal of Bacteriology</i> , 2000 , 182, 4764-72	3.5	85
26	The <i>Pseudomonas putida</i> peptidoglycan-associated outer membrane lipoprotein is involved in maintenance of the integrity of the cell envelope. <i>Journal of Bacteriology</i> , 1996 , 178, 1699-706	3.5	65
25	Role of <i>Pseudomonas putida</i> tol-oprL gene products in uptake of solutes through the cytoplasmic membrane. <i>Journal of Bacteriology</i> , 2003 , 185, 4707-16	3.5	57
24	The ttgGHI solvent efflux pump operon of <i>Pseudomonas putida</i> DOT-T1E is located on a large self-transmissible plasmid. <i>Environmental Microbiology</i> , 2007 , 9, 1550-61	5.2	56
23	Physiological responses of <i>Pseudomonas putida</i> to formaldehyde during detoxification. <i>Microbial Biotechnology</i> , 2008 , 1, 158-69	6.3	50
22	The RpoT regulon of <i>Pseudomonas putida</i> DOT-T1E and its role in stress endurance against solvents. <i>Journal of Bacteriology</i> , 2007 , 189, 207-19	3.5	42
21	Light regulates motility, attachment and virulence in the plant pathogen <i>Pseudomonas syringae</i> pv tomato DC3000. <i>Environmental Microbiology</i> , 2014 , 16, 2072-85	5.2	35
20	Identification and characterization of the PhhR regulon in <i>Pseudomonas putida</i> . <i>Environmental Microbiology</i> , 2010 , 12, 1427-38	5.2	29
19	Transcriptional organization of the <i>Pseudomonas putida</i> tol-oprL genes. <i>Journal of Bacteriology</i> , 2003 , 185, 184-95	3.5	27
18	Characterization of an OprL null mutant of <i>Pseudomonas putida</i> . <i>Journal of Bacteriology</i> , 1996 , 178, 5836-40	3.5	25
17	A two-component regulatory system integrates redox state and population density sensing in <i>Pseudomonas putida</i> . <i>Journal of Bacteriology</i> , 2008 , 190, 7666-74	3.5	24
16	Physiological and transcriptomic characterization of a fliA mutant of <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2010 , 2, 373-80	3.7	20
15	The type II secretion system (Xcp) of <i>Pseudomonas putida</i> is active and involved in the secretion of phosphatases. <i>Environmental Microbiology</i> , 2013 , 15, 2658-71	5.2	19

14	Cell envelope mutants of <i>Pseudomonas putida</i> : physiological characterization and analysis of their ability to survive in soil. <i>Environmental Microbiology</i> , 1999 , 1, 479-88	5.2	19
13	Genome-wide analysis of the response of <i>Dickeya dadantii</i> 3937 to plant antimicrobial peptides. <i>Molecular Plant-Microbe Interactions</i> , 2012 , 25, 523-33	3.6	18
12	Chemoperception of Specific Amino Acids Controls Phytopathogenicity in <i>Pseudomonas syringae</i> pv. tomato. <i>MBio</i> , 2019 , 10,	7.8	17
11	<i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> contains two <i>iaaL</i> paralogs, one of which exhibits a variable number of a trinucleotide (TAC) tandem repeat. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 1030-3	4.8	15
10	Redundancy of enzymes for formaldehyde detoxification in <i>Pseudomonas putida</i> . <i>Journal of Bacteriology</i> , 2009 , 191, 3367-74	3.5	15
9	<i>Pseudomonas syringae</i> pv. tomato exploits light signals to optimize virulence and colonization of leaves. <i>Environmental Microbiology</i> , 2018 , 20, 4261-4280	5.2	14
8	Exploring new roles for the <i>rpoS</i> gene in the survival and virulence of the fire blight pathogen <i>Erwinia amylovora</i> . <i>FEMS Microbiology Ecology</i> , 2014 , 90, 895-907	4.3	13
7	Regression of established subcutaneous B16-F10 murine melanoma tumors after <i>gef</i> gene therapy associated with the mitochondrial apoptotic pathway. <i>Experimental Dermatology</i> , 2010 , 19, 363-71	4	11
6	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. <i>Extremophiles</i> , 2001 , 5, 93-9	3	10
5	The <i>Pseudomonas syringae</i> pv. tomato DC3000 PSPTO_0820 multidrug transporter is involved in resistance to plant antimicrobials and bacterial survival during tomato plant infection. <i>PLoS ONE</i> , 2019 , 14, e0218815	3.7	7
4	Blue-light perception by epiphytic <i>Pseudomonas syringae</i> drives chemoreceptor expression, enabling efficient plant infection. <i>Molecular Plant Pathology</i> , 2020 , 21, 1606-1619	5.7	6
3	Combined therapy using suicide <i>gef</i> gene and paclitaxel enhances growth inhibition of multicellular tumour spheroids of A-549 human lung cancer cells 2008 ,		2
2	Prevalence and Specificity of Chemoreceptor Profiles in Plant-Associated Bacteria. <i>MSystems</i> , 2021 , 6, e0095121	7.6	2
1	The Tol-OprL System of <i>Pseudomonas</i> 2004 , 603-633		