

Jose Juan Rodriguez Herva

List of Publications by Year in descending order

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31
papers

1,698
citations

394421

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477307

29
g-index

31
all docs

31
docs citations

31
times ranked

2136
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms for Solvent Tolerance in Bacteria. <i>Journal of Biological Chemistry</i> , 1997, 272, 3887-3890.	3.4	251
2	Convergent Peripheral Pathways Catalyze Initial Glucose Catabolism in <i>Pseudomonas putida</i> : Genomic and Flux Analysis. <i>Journal of Bacteriology</i> , 2007, 189, 5142-5152.	2.2	231
3	Genomic analysis reveals the major driving forces of bacterial life in the rhizosphere. <i>Genome Biology</i> , 2007, 8, R179.	9.6	183
4	A bacterial cysteine protease effector protein interferes with photosynthesis to suppress plant innate immune responses. <i>Cellular Microbiology</i> , 2012, 14, 669-681.	2.1	169
5	Mutations in Each of the <i>tol</i> Genes of <i>Pseudomonas putida</i> Reveal that They Are Critical for Maintenance of Outer Membrane Stability. <i>Journal of Bacteriology</i> , 2000, 182, 4764-4772.	2.2	98
6	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, 1699-1706.	2.2	76
7	The <i>ttgGHI</i> 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, 1550-1561.	3.8	65
8	Role of <i>Pseudomonas putida</i> <i>tol-oprL</i> Gene Products in Uptake of Solutes through the Cytoplasmic Membrane. <i>Journal of Bacteriology</i> , 2003, 185, 4707-4716.	2.2	63
9	Physiological responses of <i>Pseudomonas putida</i> to formaldehyde during detoxification. <i>Microbial Biotechnology</i> , 2008, 1, 158-169.	4.2	61
10	Light regulates motility, attachment and virulence in the plant pathogen <i>Pseudomonas syringae</i> pv <i>tomato</i> DC3000. <i>Environmental Microbiology</i> , 2014, 16, 2072-2085.	3.8	45
11	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, 207-219.	2.2	44
12	Identification and characterization of the PhhR regulon in <i>Pseudomonas putida</i> . <i>Environmental Microbiology</i> , 2010, 12, 1427-1438.	3.8	36
13	A Two-Component Regulatory System Integrates Redox State and Population Density Sensing in <i>Pseudomonas putida</i> . <i>Journal of Bacteriology</i> , 2008, 190, 7666-7674.	2.2	31
14	Chemoperception of Specific Amino Acids Controls Phytopathogenicity in <i>Pseudomonas syringae</i> pv. <i>tomato</i> . <i>MBio</i> , 2019, 10, .	4.1	31
15	Transcriptional Organization of the <i>Pseudomonas putida</i> <i>tol-oprL</i> Genes. <i>Journal of Bacteriology</i> , 2003, 185, 184-195.	2.2	30
16	Characterization of an <i>OprL</i> null mutant of <i>Pseudomonas putida</i> . <i>Journal of Bacteriology</i> , 1996, 178, 5836-5840.	2.2	29
17	The type II secretion system (<i>Xcp</i>) of <i>Pseudomonas putida</i> is active and involved in the secretion of phosphatases. <i>Environmental Microbiology</i> , 2013, 15, 2658-2671.	3.8	29
18	Physiological and transcriptomic characterization of a <i>fliA</i> mutant of <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2010, 2, 373-380.	2.4	28

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19	<i>Pseudomonas syringae</i> pv. tomato exploits light signals to optimize virulence and colonization of leaves. <i>Environmental Microbiology</i> , 2018, 20, 4261-4280.	3.8	23
20	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, 479-488.	3.8	21
21	Redundancy of Enzymes for Formaldehyde Detoxification in <i>Pseudomonas putida</i> . <i>Journal of Bacteriology</i> , 2009, 191, 3367-3374.	2.2	20
22	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.	2.7	20
23	Prevalence and Specificity of Chemoreceptor Profiles in Plant-Associated Bacteria. <i>MSystems</i> , 2021, 6, e0095121.	3.8	20
24	Genome-Wide Analysis of the Response of <i>Dickeya dadantii</i> 3937 to Plant Antimicrobial Peptides. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 523-533.	2.6	18
25	<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, 1030-1035.	3.1	17
26	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.	2.5	16
27	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, 363-371.	2.9	13
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. <i>Extremophiles</i> , 2001, 5, 93-99.	2.3	11
29	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.	4.2	11
30	Combined therapy using suicide <i>gef</i> gene and paclitaxel enhances growth inhibition of multicellular tumour spheroids of A-549 human lung cancer cells. <i>International Journal of Oncology</i> , 0, , .	3.3	8
31	The Tol-OprL System of <i>Pseudomonas</i> . , 2004, , 603-633.		0