Jose Juan Rodriguez Herva

List of Publications by Year in Descending Order

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	Prevalence and Specificity of Chemoreceptor Profiles in Plant-Associated Bacteria. *MSystems*, **2021**, 6, e0095121	7.6	2
30	Blue-light perception by epiphytic Pseudomonas syringae drives chemoreceptor expression, enabling efficient plant infection. *Molecular Plant Pathology*, **2020**, 21, 1606-1619	5.7	6
29	The Pseudomonas syringae pv. tomato DC3000 PSPTO_0820 multidrug transporter is involved in resistance to plant antimicrobials and bacterial survival during tomato plant infection. *PLoS ONE*, **2019**, 14, e0218815	3.7	7
28	Chemoperception of Specific Amino Acids Controls Phytopathogenicity in Pseudomonas syringae pv. tomato. *MBio*, **2019**, 10,	7.8	17
27	Pseudomonas syringae pv. tomato exploits light signals to optimize virulence and colonization of leaves. *Environmental Microbiology*, **2018**, 20, 4261-4280	5.2	14
26	Exploring new roles for the rpoS gene in the survival and virulence of the fire blight pathogen Erwinia amylovora. *FEMS Microbiology Ecology*, **2014**, 90, 895-907	4.3	13
25	Light regulates motility, attachment and virulence in the plant pathogen Pseudomonas syringae pv tomato DC3000. *Environmental Microbiology*, **2014**, 16, 2072-85	5.2	35
24	The type II secretion system (Xcp) of Pseudomonas putida is active and involved in the secretion of phosphatases. *Environmental Microbiology*, **2013**, 15, 2658-71	5.2	19
23	A bacterial cysteine protease effector protein interferes with photosynthesis to suppress plant innate immune responses. *Cellular Microbiology*, **2012**, 14, 669-81	3.9	122
22	Genome-wide analysis of the response of Dickeya dadantii 3937 to plant antimicrobial peptides. *Molecular Plant-Microbe Interactions*, **2012**, 25, 523-33	3.6	18
21	Regression of established subcutaneous B16-F10 murine melanoma tumors after gef gene therapy associated with the mitochondrial apoptotic pathway. *Experimental Dermatology*, **2010**, 19, 363-71	4	11
20	Identification and characterization of the PhhR regulon in Pseudomonas putida. *Environmental Microbiology*, **2010**, 12, 1427-38	5.2	29
19	Physiological and transcriptomic characterization of a fliA mutant of Pseudomonas putida KT2440. *Environmental Microbiology Reports*, **2010**, 2, 373-80	3.7	20
18	Pseudomonas savastanoi pv. savastanoi contains two iaaL paralogs, one of which exhibits a variable number of a trinucleotide (TAC) tandem repeat. *Applied and Environmental Microbiology*, **2009**, 75, 1030-5	4.8	15
17	Redundancy of enzymes for formaldehyde detoxification in Pseudomonas putida. *Journal of Bacteriology*, **2009**, 191, 3367-74	3.5	15
16	Physiological responses of Pseudomonas putida to formaldehyde during detoxification. *Microbial Biotechnology*, **2008**, 1, 158-69	6.3	50
15	A two-component regulatory system integrates redox state and population density sensing in Pseudomonas putida. *Journal of Bacteriology*, **2008**, 190, 7666-74	3.5	24

List of Publications

14	Combined therapy using suicide gef gene and paclitaxel enhances growth inhibition of multicellular tumour spheroids of A-549 human lung cancer cells **2008**,		2
13	The ttgGHI solvent efflux pump operon of Pseudomonas putida DOT-T1E is located on a large self-transmissible plasmid. *Environmental Microbiology*, **2007**, 9, 1550-61	5.2	56
12	Convergent peripheral pathways catalyze initial glucose catabolism in Pseudomonas putida: genomic and flux analysis. *Journal of Bacteriology*, **2007**, 189, 5142-52	3.5	195
11	The RpoT regulon of Pseudomonas putida DOT-T1E and its role in stress endurance against solvents. *Journal of Bacteriology*, **2007**, 189, 207-19	3.5	42
10	Genomic analysis reveals the major driving forces of bacterial life in the rhizosphere. *Genome Biology*, **2007**, 8, R179	18.3	156
9	The Tol-OprL System of Pseudomonas **2004**, 603-633		
8	Transcriptional organization of the Pseudomonas putida tol-oprL genes. *Journal of Bacteriology*, **2003**, 185, 184-95	3.5	27
7	Role of Pseudomonas putida tol-oprL gene products in uptake of solutes through the cytoplasmic membrane. *Journal of Bacteriology*, **2003**, 185, 4707-16	3.5	57
6	A WbpL mutant of Pseudomonas putida DOT-T1E strain, which lacks the O-antigenic side chain of lipopolysaccharides, is tolerant to organic solvent shocks. *Extremophiles*, **2001**, 5, 93-9	3	10
5	Mutations in each of the tol genes of Pseudomonas putida reveal that they are critical for maintenance of outer membrane stability. *Journal of Bacteriology*, **2000**, 182, 4764-72	3.5	85
4	Cell envelope mutants of Pseudomonas putida: physiological characterization and analysis of their ability to survive in soil. *Environmental Microbiology*, **1999**, 1, 479-88	5.2	19
3	Mechanisms for solvent tolerance in bacteria. *Journal of Biological Chemistry*, **1997**, 272, 3887-90	5.4	211
2	Characterization of an OprL null mutant of Pseudomonas putida. *Journal of Bacteriology*, **1996**, 178, 5836-40	3.5	25
1	The Pseudomonas putida peptidoglycan-associated outer membrane lipoprotein is involved in maintenance of the integrity of the cell cell envelope. *Journal of Bacteriology*, **1996**, 178, 1699-706	3.5	65