Patricia Bernal

List of Publications by Year
in descending order

31	1,535	361413 20	501196 28
papers	citations	h-index	g-index

34	34	34	1963
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The <i>Pseudomonas putida</i> T6SS is a plant warden against phytopathogens. ISME Journal, 2017, 11, 972-987.	9.8	232
2	Type VI secretion systems in plantâ€associated bacteria. Environmental Microbiology, 2018, 20, 1-15.	3.8	199
3	Solvent tolerance in Gram-negative bacteria. Current Opinion in Biotechnology, 2012, 23, 415-421.	6.6	169
4	A Pseudomonas putida cardiolipin synthesis mutant exhibits increased sensitivity to drugs related to transport functionality. Environmental Microbiology, 2007, 9, 1135-1145.	3.8	93
5	Involvement of Cyclopropane Fatty Acids in the Response of Pseudomonas putida KT2440 to Freeze-Drying. Applied and Environmental Microbiology, 2006, 72, 472-477.	3.1	84
6	Antibiotic adjuvants: identification and clinical use. Microbial Biotechnology, 2013, 6, 445-449.	4.2	76
7	Compensatory role of thecis-trans-isomerase and cardiolipin synthase in the membrane fluidity ofPseudomonas putidaDOT-T1E. Environmental Microbiology, 2007, 9, 1658-1664.	3.8	74
8	Insertion of Epicatechin Gallate into the Cytoplasmic Membrane of Methicillin-resistant Staphylococcus aureus Disrupts Penicillin-binding Protein (PBP) 2a-mediated Î²-Lactam Resistance by Delocalizing PBP2. Journal of Biological Chemistry, 2010, 285, 24055-24065.	3.4	59
9	Promising biotechnological applications of antibiofilm exopolysaccharides. Microbial Biotechnology, 2012, 5, 670-673.	4.2	56
10	Disruption of d-alanyl esterification of Staphylococcus aureus cell wall teichoic acid by the Î²-lactam resistance modifier (âˆ’)-epicatechin gallate. Journal of Antimicrobial Chemotherapy, 2009, 63, 1156-1162.	3.0	54
11	Cyclopropane fatty acids are involved in organic solvent tolerance but not in acid stress resistance in <i>Pseudomonas putida</i> DOTâ€T1E. Microbial Biotechnology, 2009, 2, 253-261.	4.2	52
12	Identification of reciprocal adhesion genes in pathogenic and nonâ€pathogenic <i>Pseudomonas</i>. Environmental Microbiology, 2013, 15, 36-48.	3.8	48
13	Causalities of war: The connection between type VI secretion system and microbiota. Cellular Microbiology, 2020, 22, e13153.	2.1	45
14	Analysis of solvent tolerance in <i>Pseudomonas putida</i> DOTâ€T1E based on its genome sequence and a collection of mutants. FEBS Letters, 2012, 586, 2932-2938.	2.8	40
15	Diversity of extracytoplasmic function sigma (Ïƒ^{ECF}) factorâ€dependent signaling in <i>Pseudomonas</i>. Molecular Microbiology, 2019, 112, 356-373.	2.5	34
16	Pseudomonas fluorescens F113 type VI secretion systems mediate bacterial killing and adaption to the rhizosphere microbiome. Scientific Reports, 2021, 11, 5772.	3.3	31
17	A novel stabilization mechanism for the type VI secretion system sheath. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
18	Specific Gene Loci of Clinical Pseudomonas putida Isolates. PLoS ONE, 2016, 11, e0147478.	2.5	28

#	Article	IF	Citations
19	Staphylococcal Phenotypes Induced by Naturally Occurring and Synthetic Membrane-Interactive Polyphenolic Î²-Lactam Resistance Modifiers. PLoS ONE, 2014, 9, e93830.	2.5	23
20	Transcriptional control of the main aromatic hydrocarbon efflux pump in <i>Pseudomonas</i>. Environmental Microbiology Reports, 2012, 4, 158-167.	2.4	21
21	Plasmolysis induced by toluene in a cyoB mutant of Pseudomonas putida. Environmental Microbiology, 2004, 6, 1021-1031.	3.8	18
22	Complete Genome Sequence of a Pseudomonas putida Clinical Isolate, Strain H8234. Genome Announcements, 2013, 1, .	0.8	18
23	Breaking antimicrobial resistance by disrupting extracytoplasmic protein folding. ELife, 2022, 11, .	6.0	14
24	Regulation of the cyclopropane synthase cfaB gene in Pseudomonas putida KT2440. FEMS Microbiology Letters, 2011, 321, 107-114.	1.8	13
25	Plant holobiont interactions mediated by the type <scp>VI</scp> secretion system and the membrane vesicles: promising tools for a greener agriculture. Environmental Microbiology, 2021, 23, 1830-1836.	3.8	11
26	Integrating signals to drive type VI secretion system killing. Environmental Microbiology, 2020, 22, 4520-4523.	3.8	4
27	Membrane Composition and Modifications in Response to Aromatic Hydrocarbons in Gram-Negative Bacteria. , 2018, , 373-384.		3
28	Identification of Klebsiella Variicola T29A Genes Involved In Tolerance To Desiccation. Open Microbiology Journal, 2019, 13, 256-267.	0.7	3
29	Breaking antimicrobial resistance by disrupting extracytoplasmic protein folding. ELife, 0, 11, .	6.0	3
30	Understanding plantâ€“microorganism interactions to envision a future of sustainable agriculture. Environmental Microbiology, 2021, 23, 1809-1811.	3.8	2
31	Programa de InnovaciÃ³n docente en la asignatura de MicrobiologÃa I. Jornadas De FormaciÃ“n E InnovaciÃ“n Docente Del Profesorado, 2020, , 107-128.	0.0	0