Eduardo A Robleto

List of Publications by Citations

34 papers	695 citations	18 h-index	26 g-index
34 ext. papers	747 ext. citations	3.7 avg, IF	3.59 L-index

#	Paper	IF	Citations
34	Effects of bacterial antibiotic production on rhizosphere microbial communities from a culture-independent perspective. *Applied and Environmental Microbiology*, **1998**, 64, 5020-2	4.8	71
33	Trifolitoxin Production Increases Nodulation Competitiveness of Rhizobium etli CE3 under Agricultural Conditions. *Applied and Environmental Microbiology*, **1998**, 64, 2630-3	4.8	68
32	Novel role of mfd: effects on stationary-phase mutagenesis in Bacillus subtilis. *Journal of Bacteriology*, **2006**, 188, 7512-20	3.5	58
31	Genetic analysis of the AdnA regulon in Pseudomonas fluorescens: nonessential role of flagella in adhesion to sand and biofilm formation. *Journal of Bacteriology*, **2003**, 185, 453-60	3.5	46
30	Stationary phase mutagenesis in B. subtilis: a paradigm to study genetic diversity programs in cells under stress. *Critical Reviews in Biochemistry and Molecular Biology*, **2007**, 42, 327-39	8.7	40
29	Transcription-associated mutation in Bacillus subtilis cells under stress. *Journal of Bacteriology*, **2010**, 192, 3321-8	3.5	39
28	Trifolitoxin Production in Rhizobium etli Strain CE3 Increases Competitiveness for Rhizosphere Colonization and Root Nodulation of Phaseolus vulgaris in Soil. *Molecular Plant-Microbe Interactions* , **1997**, 10, 228-233	3.6	36
27	Defects in the error prevention oxidized guanine system potentiate stationary-phase mutagenesis in Bacillus subtilis. *Journal of Bacteriology*, **2009**, 191, 506-13	3.5	33
26	Mismatch repair modulation of MutY activity drives Bacillus subtilis stationary-phase mutagenesis. *Journal of Bacteriology*, **2011**, 193, 236-45	3.5	27
25	Effects of Elevated Atmospheric CO(2) on Rhizosphere Soil Microbial Communities in a Mojave Desert Ecosystem. *Journal of Arid Environments*, **2011**, 75, 917-925	2.5	25
24	Stationary-Phase Mutagenesis in Stressed Bacillus subtilis Cells Operates by Mfd-Dependent Mutagenic Pathways. *Genes*, **2016**, 7,	4.2	25
23	Transcriptional de-repression and Mfd are mutagenic in stressed Bacillus subtilis cells. *Journal of Molecular Microbiology and Biotechnology*, **2011**, 21, 45-58	0.9	24
22	A method for screening Phaseolus vulgaris L. germplasm for preferential nodulation with a selected Rhizobium etli strain. *Plant and Soil*, **1998**, 203, 71-78	4.2	24
21	A Hydrophobic Mutant of Rhizobium etli Altered in Nodulation Competitiveness and Growth in the Rhizosphere. *Applied and Environmental Microbiology*, **1994**, 60, 1430-6	4.8	24
20	The frequency of antibiotic-resistant bacteria in homes differing in their use of surface antibacterial agents. *Current Microbiology*, **2012**, 65, 407-15	2.4	21
19	Transcriptional coupling of DNA repair in sporulating Bacillus subtilis cells. *Molecular Microbiology*, **2013**, 90, 1088-99	4.1	21
18	Impacts of solids retention time on trace organic compound attenuation and bacterial resistance to trimethoprim and sulfamethoxazole. *Chemosphere*, **2017**, 182, 149-158	8.4	19

List of Publications

17	Error-prone processing of apurinic/apyrimidinic (AP) sites by PolX underlies a novel mechanism that promotes adaptive mutagenesis in Bacillus subtilis. *Journal of Bacteriology*, **2014**, 196, 3012-22	3.5	18
16	Role of Bacillus subtilis DNA Glycosylase MutM in Counteracting Oxidatively Induced DNA Damage and in Stationary-Phase-Associated Mutagenesis. *Journal of Bacteriology*, **2015**, 197, 1963-71	3.5	14
15	Mfd and transcriptional derepression cause genetic diversity in Bacillus subtilis. *Frontiers in Bioscience - Elite*, **2012**, E4, 1246-1254	1.6	11
14	Mfd protects against oxidative stress in Bacillus subtilis independently of its canonical function in DNA repair. *BMC Microbiology*, **2019**, 19, 26	4.5	10
13	Role of Ribonucleotide Reductase in Bacillus subtilis Stress-Associated Mutagenesis. *Journal of Bacteriology*, **2017**, 199,	3.5	8
12	Role of Mfd and GreA in Bacillus subtilis Base Excision Repair-Dependent Stationary-Phase Mutagenesis. *Journal of Bacteriology*, **2020**, 202,	3.5	8
11	Mfd and transcriptional derepression cause genetic diversity in Bacillus subtilis. *Frontiers in Bioscience - Elite*, **2012**, 4, 1246-54	1.6	7
10	Role of Base Excision Repair (BER) in Transcription-associated Mutagenesis of Nutritionally Stressed Nongrowing Bacillus subtilis Cell Subpopulations. *Current Microbiology*, **2016**, 73, 721-726	2.4	6
9	The K-State Promotes Stationary-Phase Mutagenesis via Oxidative Damage. *Genes*, **2020**, 11,	4.2	2
8	Implementation of a loss-of-function system to determine growth and stress-associated mutagenesis in Bacillus subtilis. *PLoS ONE*, **2017**, 12, e0179625	3.7	2
7	Novel Biochemical Properties and Physiological Role of the Flavin Mononucleotide Oxidoreductase YhdA from Bacillus subtilis. *Applied and Environmental Microbiology*, **2020**, 86,	4.8	2
6	Mfd Affects Global Transcription and the Physiology of Stressed Cells. *Frontiers in Microbiology*, **2021**, 12, 625705	5.7	2
5	Transcription-Mediated Mutagenic Processes **2013**, 41-57		1
4	Mfd affects global transcription and the physiology of stressed Bacillus subtilis cells		1
3	Non-B DNA-Forming Motifs Promote Mfd-Dependent Stationary-Phase Mutagenesis in. *Microorganisms*, **2021**, 9,	4.9	1
2	Transcriptional coupling and repair of 8-OxoG activate a RecA-dependent checkpoint that controls the onset of sporulation in Bacillus subtilis. *Scientific Reports*, **2021**, 11, 2513	4.9	1
1	Stationary-phase Mutagenesis Soft-agar Overlay Assays in. *Bio-protocol*, **2017**, 7, e2634	0.9	