

Juan E Gonzalez

List of Publications by Year in descending order

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29
papers

3,131
citations

236925

25
h-index

501196

28
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33
all docs

33
docs citations

33
times ranked

2579
citing authors

#	ARTICLE	IF	CITATIONS
1	Messing with Bacterial Quorum Sensing. <i>Microbiology and Molecular Biology Reviews</i> , 2006, 70, 859-875.	6.6	352
2	Quorum Sensing in Nitrogen-Fixing Rhizobia. <i>Microbiology and Molecular Biology Reviews</i> , 2003, 67, 574-592.	6.6	269
3	Characterization of the <i>Sinorhizobium meliloti</i> sinR/sinI Locus and the Production of Novel N -Acyl Homoserine Lactones. <i>Journal of Bacteriology</i> , 2002, 184, 5686-5695.	2.2	229
4	Quorum Sensing Controls Exopolysaccharide Production in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2003, 185, 325-331.	2.2	186
5	Low molecular weight EPS II of <i>Rhizobium meliloti</i> allows nodule invasion in <i>Medicago sativa</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 8636-8641.	7.1	179
6	Orphan LuxR regulators of quorum sensing. <i>FEMS Microbiology Reviews</i> , 2009, 33, 739-756.	8.6	153
7	<i>Rhizobium meliloti</i> exopolysaccharides: Synthesis and symbiotic function. <i>Gene</i> , 1996, 179, 141-146.	2.2	139
8	<i>Bacillus megaterium</i> CYP102A1 Oxidation of Acyl Homoserine Lactones and Acyl Homoserines. <i>Biochemistry</i> , 2007, 46, 14429-14437.	2.5	134
9	The LuxR Homolog ExpR, in Combination with the Sin Quorum Sensing System, Plays a Central Role in <i>Sinorhizobium meliloti</i> Gene Expression. <i>Journal of Bacteriology</i> , 2004, 186, 5460-5472.	2.2	123
10	Environmental Regulation of Exopolysaccharide Production in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2000, 182, 599-606.	2.2	122
11	SCP-Canavanine Made by <i>Medicago sativa</i> Interferes with Quorum Sensing in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2005, 187, 8427-8436.	2.2	122
12	Chemical sensing in mammalian host-bacterial commensal associations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9831-9836.	7.1	121
13	Identification of Two Quorum-Sensing Systems in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2002, 184, 3466-3475.	2.2	111
14	The Low-Molecular-Weight Fraction of Exopolysaccharide II from <i>Sinorhizobium meliloti</i> Is a Crucial Determinant of Biofilm Formation. <i>Journal of Bacteriology</i> , 2009, 191, 7216-7224.	2.2	105
15	Biosynthetic control of molecular weight in the polymerization of the octasaccharide subunits of succinoglycan, a symbiotically important exopolysaccharide of <i>Rhizobium meliloti</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13477-13482.	7.1	99
16	Regulation of Motility by the ExpR/Sin Quorum-Sensing System in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2008, 190, 861-871.	2.2	96
17	Role of Quorum Sensing in <i>Sinorhizobium meliloti</i> -Alfalfa Symbiosis. <i>Journal of Bacteriology</i> , 2009, 191, 4372-4382.	2.2	90
18	Complex Regulation of Symbiotic Functions Is Coordinated by MucR and Quorum Sensing in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2011, 193, 485-496.	2.2	73

#	ARTICLE	IF	CITATIONS
19	Quorum sensing in halophilic bacteria: detection of N-acyl-homoserine lactones in the exopolysaccharide-producing species of Halomonas. <i>Extremophiles</i> , 2005, 9, 333-341.	2.3	66
20	The ExpR/Sin Quorum-Sensing System Controls Succinoglycan Production in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2007, 189, 7077-7088.	2.2	64
21	Use of <i>Sinorhizobium meliloti</i> as an Indicator for Specific Detection of Long-Chain N-Acyl Homoserine Lactones. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3715-3723.	3.1	60
22	Analysis of the promoters and transcripts involved in IS10 anti-sense RNA control. <i>Gene</i> , 1988, 72, 219-236.	2.2	59
23	An Orphan LuxR Homolog of <i>Sinorhizobium meliloti</i> Affects Stress Adaptation and Competition for Nodulation. <i>Applied and Environmental Microbiology</i> , 2009, 75, 946-955.	3.1	59
24	Exopolysaccharide Production in Response to Medium Acidification Is Correlated With an Increase in Competition for Nodule Occupancy. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 1307-1317.	2.6	40
25	The Novel Genes <i>emmABC</i> Are Associated with Exopolysaccharide Production, Motility, Stress Adaptation, and Symbiosis in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2009, 191, 5890-5900.	2.2	31
26	Mentored Training to Increase Diversity among Faculty in the Biomedical Sciences: The NHLBI Summer Institute Programs to Increase Diversity (SIPID) and the Programs to Increase Diversity among Individuals Engaged in Health-related Research (PRIDE). <i>Ethnicity and Disease</i> , 2017, 27, 249.	2.3	23
27	A Perspective on Promoting Diversity in the Biomedical Research Workforce: The National Heart, Lung, and Blood Institute's PRIDE Program. <i>Ethnicity and Disease</i> , 2016, 26, 379.	2.3	13
28	Cell-to-Cell Communication in Rhizobia: Quorum Sensing and Plant Signaling. , 0, , 213-232.		7
29	Exopolysaccharides and <i>Rhizobium Meliloti</i> -Alfalfa Interactions. <i>Current Plant Science and Biotechnology in Agriculture</i> , 1993, , 203-206.	0.0	4