Claudio F Gonzalez

List of Publications by Year
in descending order

54	1,853	394421 19	265206 42
papers	citations	h-index	g-index

54	54	54	2906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Osmotic stress induces long-term biofilm survival in Liberibacter crescens. BMC Microbiology, 2022, 22, 52.	3.3	4
2	â€˜Candidatus Liberibacter asiaticusâ€™ Multimeric LotP Mediates Citrus sinensis Defense Response Activation. Frontiers in Microbiology, 2021, 12, 661547.	3.5	0
3	Identification of Biomarkers for Systemic Distribution of Nanovesicles From Lactobacillus johnsonii N6.2. Frontiers in Immunology, 2021, 12, 723433.	4.8	10
4	PrbP modulates biofilm formation in Liberibacter crescens. Environmental Microbiology, 2021, 23, 7121-7138.	3.8	1
5	Lactobacillus johnsonii N6.2 and Blueberry Phytophenols Affect Lipidome and Gut Microbiota Composition of Rats Under High-Fat Diet. Frontiers in Nutrition, 2021, 8, 757256.	3.7	11
6	Method Optimization: Analysis of Benzbromarone and Tolfenamic Acid in Citrus Tissues and Soil Using Liquid Chromatography Coupled With Triple-Quadrupole Mass Spectrometry. Frontiers in Plant Science, 2020, 11, 222.	3.6	0
7	Assessment of unconventional antimicrobial compounds for the control of â€˜Candidatus Liberibacter asiaticusâ€™, the causative agent of citrus greening disease. Scientific Reports, 2020, 10, 5395.	3.3	17
8	Exhaustive Repertoire of Druggable Cavities at Proteinâ€“Protein Interfaces of Known Three-Dimensional Structure. Journal of Medicinal Chemistry, 2019, 62, 9732-9742.	6.4	17
9	An expansin-like protein expands forage cell walls and synergistically increases hydrolysis, digestibility and fermentation of livestock feeds by fibrolytic enzymes. PLoS ONE, 2019, 14, e0224381.	2.5	10
10	Identification of flavonoids as regulators of YbeY activity in Liberibacter asiaticus. Environmental Microbiology, 2019, 21, 4822-4835.	3.8	6
11	The Ferredoxin-Like Protein FerR Regulates PrbP Activity in Liberibacter asiaticus. Applied and Environmental Microbiology, 2019, 85, .	3.1	4
12	Improvement in thermostability of xylanase from Geobacillus thermodenitrificans C5 by site directed mutagenesis. Enzyme and Microbial Technology, 2018, 111, 38-47.	3.2	30
13	Sex Modulates Lactobacillus johnsonii N6.2 and Phytophenol Effectiveness in Reducing High Fat Diet Induced mTOR Activation in Sprague-Dawley Rats. Frontiers in Microbiology, 2018, 9, 2649.	3.5	8
14	Purification and partial characterization of LdtP, a cell envelope modifying enzyme in Liberibacter asiaticus. BMC Microbiology, 2018, 18, 201.	3.3	8
15	Understanding the Physiology of Liberibacter asiaticus: An Overview of the Demonstrated Molecular Mechanisms. Journal of Molecular Microbiology and Biotechnology, 2018, 28, 116-127.	1.0	11
16	A Network of Physiological Interactions Modulating GI Homeostasis: Probiotics, Inflammasome, mTOR. , 2018, , .		0
17	Zinc is an inhibitor of the LdtR transcriptional activator. PLoS ONE, 2018, 13, e0195746.	2.5	1
18	LdtR is a master regulator of gene expression in <scp>L</scp>iberibacter asiaticus. Microbial Biotechnology, 2017, 10, 896-909.	4.2	21

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19	Functional characterization of LotP from <scp>L</scp>iberibacter asiaticus. Microbial Biotechnology, 2017, 10, 642-656.	4.2	16
20	Defining the Core Citrus Leaf- and Root-Associated Microbiota: Factors Associated with Community Structure and Implications for Managing Huanglongbing (Citrus Greening) Disease. Applied and Environmental Microbiology, 2017, 83, .	3.1	78
21	Lactobacillus johnsonii N6.2 Modulates the Host Immune Responses: A Double-Blind, Randomized Trial in Healthy Adults. Frontiers in Immunology, 2017, 8, 655.	4.8	73
22	Identification of the Tolfenamic Acid Binding Pocket in PrbP from Liberibacter asiaticus. Frontiers in Microbiology, 2017, 8, 1591.	3.5	14
23	Functional Analysis of the Citrate Activator CitO from Enterococcus faecalis Implicates a Divalent Metal in Ligand Binding. Frontiers in Microbiology, 2016, 7, 101.	3.5	18
24	Drug Repurposing: Tolfenamic Acid Inactivates PrbP, a Transcriptional Accessory Protein in Liberibacter asiaticus. Frontiers in Microbiology, 2016, 7, 1630.	3.5	23
25	The Escherichia coli yjfP Gene Encodes a Carboxylesterase Involved in Sugar Utilization during Diauxie. Journal of Molecular Microbiology and Biotechnology, 2015, 25, 412-422.	1.0	2
26	H2O2 production rate in Lactobacillus johnsonii is modulated via the interplay of a heterodimeric flavin oxidoreductase with a soluble 28 Kd PAS domain containing protein. Frontiers in Microbiology, 2015, 6, 716.	3.5	13
27	Identification of a Ligand Binding Pocket in LdtR from Liberibacter asiaticus. Frontiers in Microbiology, 2015, 6, 1314.	3.5	19
28	The Transcriptional Activator LdtR from â€˜Candidatus Liberibacter asiaticusâ€™ Mediates Osmotic Stress Tolerance. PLoS Pathogens, 2014, 10, e1004101.	4.7	49
29	Complete Genome Sequences of Lactobacillus johnsonii Strain N6.2 and Lactobacillus reuteri Strain TD1. Genome Announcements, 2014, 2, .	0.8	25
30	A dual role of the transcriptional regulator <scp>TstR</scp> provides insights into cyanide detoxification in <scp>L</scp>actobacillus brevis. Molecular Microbiology, 2014, 92, 853-871.	2.5	3
31	Synthesis and antibacterial evaluation of amino acidâ€“antibiotic conjugates. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1856-1861.	2.2	44
32	Lactobacillus johnsonii inhibits indoleamine 2,3â€dioxygenase and alters tryptophan metabolite levels in BioBreeding rats. FASEB Journal, 2013, 27, 1711-1720.	0.5	118
33	Identification of a Small Molecule That Modifies MglA/SspA Interaction and Impairs Intramacrophage Survival of Francisella tularensis. PLoS ONE, 2013, 8, e54498.	2.5	9
34	MglA/SspA Complex Interactions Are Modulated by Inorganic Polyphosphate. PLoS ONE, 2013, 8, e76428.	2.5	15
35	Structure and activity of the Pseudomonas aeruginosa hotdog-fold thioesterases PA5202 and PA2801. Biochemical Journal, 2012, 444, 445-455.	3.7	6
36	Biochemical and Structural Studies of Uncharacterized Protein PA0743 from Pseudomonas aeruginosa Revealed NAD+-dependent l-Serine Dehydrogenase. Journal of Biological Chemistry, 2012, 287, 1874-1883.	3.4	23

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37	Structure and activity of the cold-active and anion-activated carboxyl esterase OLEI01171 from the oil-degrading marine bacterium Oleispira antarctica. Biochemical Journal, 2012, 445, 193-203.	3.7	31
38	An Inserted Î±/Î² Subdomain Shapes the Catalytic Pocket of Lactobacillus johnsonii Cinnamoyl Esterase. PLoS ONE, 2011, 6, e23269.	2.5	46
39	Lactobacillus brevis responds to flavonoids through KaeR, a LysRâ€type of transcriptional regulator. Molecular Microbiology, 2011, 81, 1623-1639.	2.5	13
40	Structural and enzymatic characterization of NanS (YjhS), a 9â€Oâ€Acetyl Nâ€acetylneuraminic acid esterase from Escherichia coli O157:H7. Protein Science, 2011, 20, 1208-1219.	7.6	33
41	Determination of <i>Francisella tularensis</i> AcpB Acid Phosphatase Substrate Preferences. Journal of Molecular Microbiology and Biotechnology, 2010, 19, 198-203.	1.0	1
42	Lactobacillus johnsonii N6.2 Mitigates the Development of Type 1 Diabetes in BB-DP Rats. PLoS ONE, 2010, 5, e10507.	2.5	227
43	Inhibition of AcpA Phosphatase Activity with Ascorbate Attenuates Francisella tularensis Intramacrophage Survival. Journal of Biological Chemistry, 2010, 285, 5171-5177.	3.4	18
44	The structure of a putative Sâ€formylglutathione hydrolase from Agrobacterium tumefaciens. Protein Science, 2009, 18, 2196-2202.	7.6	16
45	Biochemical Properties of Two Cinnamoyl Esterases Purified from a Lactobacillus johnsonii Strain Isolated from Stool Samples of Diabetes-Resistant Rats. Applied and Environmental Microbiology, 2009, 75, 5018-5024.	3.1	121
46	Functional and Structural Characterization of Four Glutaminases from Escherichia coli and Bacillus subtilis. Biochemistry, 2008, 47, 5724-5735.	2.5	101
47	High Throughput Screening of Purified Proteins for Enzymatic Activity. Methods in Molecular Biology, 2008, 426, 331-341.	0.9	17
48	Genome-wide Analysis of Substrate Specificities of the Escherichia coli Haloacid Dehalogenase-like Phosphatase Family. Journal of Biological Chemistry, 2006, 281, 36149-36161.	3.4	249
49	Molecular Basis of Formaldehyde Detoxification. Journal of Biological Chemistry, 2006, 281, 14514-14522.	3.4	118
50	ChrR, a Soluble Quinone Reductase of Pseudomonas putida That Defends against H2O2. Journal of Biological Chemistry, 2005, 280, 22590-22595.	3.4	119
51	Biochemical Characterization of Phosphoryl Transfer Involving HPr of the Phosphoenolpyruvate-Dependent Phosphotransferase System in Treponema denticola, an Organism that Lacks PTS Permeases. Biochemistry, 2005, 44, 598-608.	2.5	17
52	Bioinformatic analyses of bacterial HPr kinase/phosphorylase homologues. Research in Microbiology, 2005, 156, 443-451.	2.1	8
53	The Synergistic Contribution of Lactobacillus and Dietary Phytophenols in Host Health. , 0, , .		0
54	Nanovesicles From Lactobacillus johnsonii N6.2 Reduce Apoptosis in Human Beta Cells by Promoting AHR Translocation and IL10 Secretion. Frontiers in Immunology, 0, 13, .	4.8	11