Luis E N Quadri

List of Publications by Year
in descending order

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33 papers	3,236 citations	279798 23 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	3415 citing authors

#	Article	IF	Citations
1	Transposon mutagenesis inMycobacterium kansasiilinks a small RNA gene to colony morphology and biofilm formation and identifies 9,885 intragenic insertions that do not compromise colony outgrowth. MicrobiologyOpen, 2020, 9, e988.	3.0	13
2	Kinetic Analyses of the Siderophore Biosynthesis Inhibitor Salicyl-AMS and Analogues as MbtA Inhibitors and Antimycobacterial Agents. Biochemistry, 2019, 58, 833-847.	2.5	8
3	Mycobacteria Encode Active and Inactive Classes of TesB Fatty-Acyl CoA Thioesterases Revealed through Structural and Functional Analysis. Biochemistry, 2017, 56, 1460-1472.	2.5	3
4	Design, synthesis, and biological evaluation of Î±-hydroxyacyl-AMS inhibitors of amino acid adenylation enzymes. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5340-5345.	2.2	8
5	Pleiotropic consequences of gene knockouts in the phthiocerol dimycocerosate and phenolic glycolipid biosynthetic gene cluster of the opportunistic human pathogenMycobacterium marinum. FEMS Microbiology Letters, 2016, 363, fnw016.	1.8	35
6	Biosynthesis of Cell Envelope-Associated Phenolic Glycolipids in Mycobacterium marinum. Journal of Bacteriology, 2015, 197, 1040-1050.	2.2	18
7	Biosynthesis of mycobacterial lipids by polyketide synthases and beyond. Critical Reviews in Biochemistry and Molecular Biology, 2014, 49, 179-211.	5.2	90
8	7,9-Diaryl-1,6,8-trioxaspiro[4.5]dec-3-en-2-ones: Readily accessible and highly potent anticancer compounds. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4035-4038.	2.2	3
9	Pharmacokinetic and In Vivo Efficacy Studies of the Mycobactin Biosynthesis Inhibitor Salicyl-AMS in Mice. Antimicrobial Agents and Chemotherapy, 2013, 57, 5138-5140.	3.2	47
10	Production of mycobacterial cell wall glycopeptidolipids requires a member of the MbtH-like protein family. BMC Microbiology, 2012, 12, 118.	3.3	26
11	The mycobacterial acyltransferase PapA5 is required for biosynthesis of cell wall-associated phenolic glycolipids. Microbiology (United Kingdom), 2012, 158, 1379-1387.	1.8	15
12	Chemical scaffolds with structural similarities to siderophores of nonribosomal peptideâ€“polyketide origin as novel antimicrobials against Mycobacterium tuberculosis and Yersinia pestis. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6533-6537.	2.2	19
13	Inactivation of tesA Reduces Cell Wall Lipid Production and Increases Drug Susceptibility in Mycobacteria. Journal of Biological Chemistry, 2011, 286, 24616-24625.	3.4	47
14	Mutational and Phylogenetic Analyses of the Mycobacterial mbt Gene Cluster. Journal of Bacteriology, 2011, 193, 5905-5913.	2.2	42
15	Cooperation between a Coenzyme A-Independent Stand-Alone Initiation Module and an Iterative Type I Polyketide Synthase during Synthesis of Mycobacterial Phenolic Glycolipids. Journal of the American Chemical Society, 2009, 131, 16744-16750.	13.7	23
16	Mycobacterial Phenolic Glycolipid Virulence Factor Biosynthesis: Mechanism and Small-Molecule Inhibition of Polyketide Chain Initiation. Chemistry and Biology, 2008, 15, 51-61.	6.0	78
17	Small molecules with structural similarities to siderophores as novel antimicrobials against Mycobacterium tuberculosis and Yersinia pestis. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2662-2668.	2.2	57
18	Strategic Paradigm Shifts in the Antimicrobial Drug Discovery Process of the 21st Century. Infectious Disorders - Drug Targets, 2007, 7, 230-237.	0.8	57

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19	Exploiting Ligand Conformation in Selective Inhibition of Non-Ribosomal Peptide Synthetase Amino Acid Adenylation with Designed Macrocyclic Small Molecules. Journal of the American Chemical Society, 2007, 129, 7752-7753.	13.7	37
20	Small-molecule inhibition of siderophore biosynthesis in Mycobacterium tuberculosis and Yersinia pestis. Nature Chemical Biology, 2005, 1, 29-32.	8.0	279
21	Pseudomonas aeruginosa SoxR Does Not Conform to the Archetypal Paradigm for SoxR-Dependent Regulation of the Bacterial Oxidative Stress Adaptive Response. Infection and Immunity, 2005, 73, 2958-2966.	2.2	115
22	Identification of Phthiodiolone Ketoreductase, an Enzyme Required for Production of Mycobacterial Diacyl Phthiocerol Virulence Factors. Journal of Bacteriology, 2005, 187, 4760-4766.	2.2	34
23	Similarity of Gene Expression Patterns in Human Alveolar Macrophages in Response to Pseudomonas aeruginosa and Burkholderia cepacia. Infection and Immunity, 2005, 73, 5262-5268.	2.2	6
24	The dimycocerosate ester polyketide virulence factors of mycobacteria. Progress in Lipid Research, 2005, 44, 259-302.	11.6	132
25	Mycobacterial polyketide-associated proteins are acyltransferases: Proof of principle with Mycobacterium tuberculosis PapA5. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4608-4613.	7.1	87
26	Transcriptome Analysis of the Response of Pseudomonas aeruginosa to Hydrogen Peroxide. Journal of Bacteriology, 2004, 186, 248-252.	2.2	129
27	Crystal Structure of PapA5, a Phthiocerol Dimycocerosyl Transferase from Mycobacterium tuberculosis. Journal of Biological Chemistry, 2004, 279, 30634-30642.	3.4	63
28	Transcriptome analysis of the Pseudomonas aeruginosa response to iron. Archives of Microbiology, 2003, 180, 374-379.	2.2	100
29	Assembly of aryl-capped siderophores by modular peptide synthetases and polyketide synthases. Molecular Microbiology, 2000, 37, 1-12.	2.5	98
30	Assembly of thePseudomonas aeruginosaNonribosomal Peptide Siderophore Pyochelin:Â In Vitro Reconstitution of Aryl-4,2-bisthiazoline Synthetase Activity from PchD, PchE, and PchFâ€. Biochemistry, 1999, 38, 14941-14954.	2.5	129
31	Atypical Genetic Locus Associated with Constitutive Production of Enterocin B by Enterococcus faecium BFE 900. Applied and Environmental Microbiology, 1999, 65, 2170-2178.	3.1	85
32	Characterization of Sfp, aBacillus subtilisPhosphopantetheinyl Transferase for Peptidyl Carrier Protein Domains in Peptide Synthetasesâ€. Biochemistry, 1998, 37, 1585-1595.	2.5	643
33	Quorum sensing by peptide pheromones and twoâ€component signalâ€transduction systems in Gramâ€positive bacteria. Molecular Microbiology, 1997, 24, 895-904.	2.5	710