

Gregory T Robertson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

5,223
citations

24
h-index

52
g-index

52
ext. papers

5,909
ext. citations

7.3
avg, IF

4.8
L-index

#	Paper	IF	Citations
48	Four new derivatives of the broad-host-range cloning vector pBBR1MCS, carrying different antibiotic-resistance cassettes. <i>Gene</i> , 1995 , 166, 175-6	3.8	2652
47	Genome of the bacterium <i>Streptococcus pneumoniae</i> strain R6. <i>Journal of Bacteriology</i> , 2001 , 183, 5709-17	3.7	612
46	Bacterial and fungal biofilm infections. <i>Annual Review of Medicine</i> , 2008 , 59, 415-28	17.4	312
45	The <i>Brucella abortus</i> host factor I (HF-I) protein contributes to stress resistance during stationary phase and is a major determinant of virulence in mice. <i>Molecular Microbiology</i> , 1999 , 34, 690-700	4.1	164
44	Global transcriptional analysis of <i>clpP</i> mutations of type 2 <i>Streptococcus pneumoniae</i> and their effects on physiology and virulence. <i>Journal of Bacteriology</i> , 2002 , 184, 3508-20	3.5	121
43	Constitutive expression of PcsB suppresses the requirement for the essential VicR (YycF) response regulator in <i>Streptococcus pneumoniae</i> R6. <i>Molecular Microbiology</i> , 2003 , 50, 1647-63	4.1	115
42	Transcriptional regulation and signature patterns revealed by microarray analyses of <i>Streptococcus pneumoniae</i> R6 challenged with sublethal concentrations of translation inhibitors. <i>Journal of Bacteriology</i> , 2003 , 185, 359-70	3.5	112
41	The <i>Brucella abortus</i> CcrM DNA methyltransferase is essential for viability, and its overexpression attenuates intracellular replication in murine macrophages. <i>Journal of Bacteriology</i> , 2000 , 182, 3482-9	3.5	107
40	The <i>Brucella abortus</i> Cu,Zn superoxide dismutase is required for optimal resistance to oxidative killing by murine macrophages and wild-type virulence in experimentally infected mice. <i>Infection and Immunity</i> , 2005 , 73, 2873-80	3.7	103
39	Development of a Novel Lead that Targets Mycobacterium tuberculosis Polyketide Synthase 13. <i>Cell</i> , 2017 , 170, 249-259	25.2	258
38	The <i>Brucella abortus</i> Lon functions as a generalized stress response protease and is required for wild-type virulence in BALB/c mice. <i>Molecular Microbiology</i> , 2000 , 35, 577-88	4.1	71
37	<i>Brucella</i> stationary-phase gene expression and virulence. <i>Annual Review of Microbiology</i> , 2003 , 57, 57-76	17.5	67
36	In vivo and in vitro stability of the broad-host-range cloning vector pBBR1MCS in six <i>Brucella</i> species. <i>Plasmid</i> , 1995 , 33, 51-7	3.3	60
35	Use of an efflux-deficient <i>streptococcus pneumoniae</i> strain panel to identify ABC-class multidrug transporters involved in intrinsic resistance to antimicrobial agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 4781-3	5.9	57
34	In vitro evaluation of CBR-2092, a novel rifamycin-quinolone hybrid antibiotic: studies of the mode of action in <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2313-23	5.9	51
33	In vitro evaluation of CBR-2092, a novel rifamycin-quinolone hybrid antibiotic: microbiology profiling studies with staphylococci and streptococci. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2324-34	5.9	44
32	Vancomycin tolerance induced by erythromycin but not by loss of <i>vncRS</i> , <i>vex3</i> , or <i>pep27</i> function in <i>Streptococcus pneumoniae</i> . <i>Journal of Bacteriology</i> , 2002 , 184, 6987-7000	3.5	38

31	A Novel indole compound that inhibits <i>Pseudomonas aeruginosa</i> growth by targeting MreB is a substrate for MexAB-OprM. <i>Journal of Bacteriology</i> , 2007 , 189, 6870-81	3.5	37
30	Role of HdeA in acid resistance and virulence in <i>Brucella abortus</i> 2308. <i>Veterinary Microbiology</i> , 2005 , 107, 307-12	3.3	34
29	New C25 carbamate rifamycin derivatives are resistant to inactivation by ADP-ribosyl transferases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 522-6	2.9	33
28	Essentiality of clpX, but not clpP, clpL, clpC, or clpE, in <i>Streptococcus pneumoniae</i> R6. <i>Journal of Bacteriology</i> , 2003 , 185, 2961-6	3.5	31
27	Seeking a niche: putative contributions of the hfq and bacA gene products to the successful adaptation of the brucellae to their intracellular home. <i>Veterinary Microbiology</i> , 2002 , 90, 349-63	3.3	28
26	A <i>Brucella melitensis</i> high-temperature-requirement A (htrA) deletion mutant is attenuated in goats and protects against abortion. <i>Research in Veterinary Science</i> , 1997 , 63, 165-7	2.5	26
25	Structure-Activity Relationships of Spectinamide Antituberculosis Agents: A Dissection of Ribosomal Inhibition and Native Efflux Avoidance Contributions. <i>ACS Infectious Diseases</i> , 2017 , 3, 72-88	5.5	25
24	<i>Streptococcus pneumoniae</i> as a genomics platform for broad-spectrum antibiotic discovery. <i>Current Opinion in Microbiology</i> , 2002 , 5, 338-42	7.9	23
23	IgE is an outer membrane-associated lipoprotein essential for intracellular survival and murine virulence of type A <i>Francisella tularensis</i> . <i>Infection and Immunity</i> , 2013 , 81, 4026-40	3.7	21
22	Major histocompatibility complex class I and II expression on macrophages containing a virulent strain of <i>Brucella abortus</i> measured using green fluorescent protein-expressing brucellae and flow cytometry. <i>FEMS Immunology and Medical Microbiology</i> , 2002 , 33, 191-200		19
21	Spectinamides are effective partner agents for the treatment of tuberculosis in multiple mouse infection models. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 770-777	5.1	19
20	Design, synthesis, and antibacterial properties of dual-ligand inhibitors of acetyl-CoA carboxylase. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 8947-59	8.3	18
19	Discovery of a cofactor-independent inhibitor of InhA. <i>Life Science Alliance</i> , 2018 , 1, e201800025	5.8	18
18	FTT0831c/FTL_0325 contributes to <i>Francisella tularensis</i> cell division, maintenance of cell shape, and structural integrity. <i>Infection and Immunity</i> , 2014 , 82, 2935-48	3.7	14
17	Allosteric inhibitors of <i>Mycobacterium tuberculosis</i> tryptophan synthase. <i>Protein Science</i> , 2020 , 29, 779-788		12
16	Synthesis, Structure-Activity Relationship, and Mechanistic Studies of Aminoquinazolinones Displaying Antimycobacterial Activity. <i>ACS Infectious Diseases</i> , 2020 , 6, 1951-1964	5.5	10
15	Behaviour of a high-temperature-requirement A (HtrA) deletion mutant of <i>Brucella abortus</i> in goats. <i>Research in Veterinary Science</i> , 1996 , 60, 48-50	2.5	10
14	In vitro and in vivo phenotypes resulting from deletion of the high temperature requirement A (htrA) gene from the bovine vaccine strain <i>Brucella abortus</i> S19. <i>Veterinary Microbiology</i> , 1996 , 49, 197-207	2.3	10

13	Mycobacterium tuberculosis precursor rRNA as a measure of treatment-shortening activity of drugs and regimens. <i>Nature Communications</i> , 2021 , 12, 2899	17.4	10
12	Cloning and nucleotide sequence analysis of a <i>Brucella abortus</i> gene encoding an 18 kDa immunoreactive protein. <i>Microbial Pathogenesis</i> , 1997 , 22, 241-6	3.8	9
11	Method for the isolation of <i>Francisella tularensis</i> outer membranes. <i>Journal of Visualized Experiments</i> , 2010 ,	1.6	8
10	The Tuberculosis Drug Accelerator at year 10: what have we learned?. <i>Nature Medicine</i> , 2021 , 27, 1333-1337	3.7	7
9	Efficacy and Improved Resistance Potential of a Cofactor-Independent InhA Inhibitor of <i>Mycobacterium tuberculosis</i> in the C3HeB/FeJ Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	6
8	Digital Image Analysis of Heterogeneous Tuberculosis Pulmonary Pathology in Non-Clinical Animal Models using Deep Convolutional Neural Networks. <i>Scientific Reports</i> , 2020 , 10, 6047	4.9	6
7	1,3-Diarylpyrazolyl-acylsulfonamides as Potent Anti-tuberculosis Agents Targeting Cell Wall Biosynthesis in. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 12790-12807	8.3	6
6	Comparative Analysis of Pharmacodynamics in the C3HeB/FeJ Mouse Tuberculosis Model for DprE1 Inhibitors TBA-7371, PBTZ169, and OPC-167832. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0058321	5.9	4
5	Spiropyrimidinetriones: a Class of DNA Gyrase Inhibitors with Activity against <i>Mycobacterium tuberculosis</i> and without Cross-Resistance to Fluoroquinolones.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0219221	5.9	2
4	Model-Based Exposure-Response Assessment for Spectinamide 1810 in a Mouse Model of Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0174420	5.9	1
3	Combination of <i>Mycobacterium tuberculosis</i> RS ratio and CFU improves the ability of murine efficacy experiments to distinguish between drug treatments		1
2	Preclinical Evaluation of Inhalational Spectinamide-1599 Therapy against Tuberculosis. <i>ACS Infectious Diseases</i> , 2021 , 7, 2850-2863	5.5	0
1	Combination of <i>Mycobacterium tuberculosis</i> RS Ratio and CFU Improves the Ability of Murine Efficacy Experiments to Distinguish between Drug Treatments.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0231021	5.9	0