

Todd R Steck

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,019
citations

623734

14
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

992
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotic Cycling Reverts Extensive Drug Resistance in <i>Burkholderia multivorans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0061121.	3.2	3
2	<i>Burkholderia multivorans</i> Exhibits Antibiotic Collateral Sensitivity. <i>Microbial Drug Resistance</i> , 2020, 26, 1-8.	2.0	7
3	Reciprocal antibiotic collateral sensitivity in <i>Burkholderia multivorans</i> . <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 105994.	2.5	4
4	Use of antibiotic disks to evolve drug-resistant bacteria. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1719-1722.	1.7	3
5	The Relationship Between Agar Thickness and Antimicrobial Susceptibility Testing. <i>Indian Journal of Microbiology</i> , 2017, 57, 503-506.	2.7	11
6	Examining changes in bacterial abundance in complex communities using next-generation sequencing is enhanced with quantitative PCR. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1161-1166.	1.7	9
7	Analysis of Changes in Diversity and Abundance of the Microbial Community in a Cystic Fibrosis Patient over a Multiyear Period. <i>Journal of Clinical Microbiology</i> , 2015, 53, 237-247.	3.9	41
8	Mechanical Homogenization Increases Bacterial Homogeneity in Sputum. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2340-2345.	3.9	14
9	Rapid emergence of a ceftazidime-resistant <i>Burkholderia multivorans</i> strain in a Cystic Fibrosis patient. <i>Journal of Cystic Fibrosis</i> , 2013, 12, 812-816.	0.7	10
10	The Use of Open-Ended Problem-Based Learning Scenarios in an Interdisciplinary Biotechnology Class: Evaluation of a Problem-Based Learning Course Across Three Years. <i>Journal of Microbiology and Biology Education</i> , 2012, 13, 2-10.	1.0	11
11	Strategy for Extracting DNA from Clay Soil and Detecting a Specific Target Sequence via Selective Enrichment and Real-Time (Quantitative) PCR Amplification. <i>Applied and Environmental Microbiology</i> , 2009, 75, 6017-6021.	3.1	28
12	Sediment can be a reservoir for coliform bacteria released into streams. <i>Journal of General and Applied Microbiology</i> , 2008, 54, 173-179.	0.7	28
13	Ti plasmid type affects T-DNA processing in <i>Agrobacterium tumefaciens</i> . <i>FEMS Microbiology Letters</i> , 2006, 147, 121-125.	1.8	8
14	The viable but nonculturable state in <i>Agrobacterium tumefaciens</i> and <i>Rhizobium meliloti</i> . <i>FEMS Microbiology Ecology</i> , 2006, 22, 29-37.	2.7	32
15	Viable but Nonculturable Bacteria Are Present in Mouse and Human Urine Specimens. <i>Journal of Clinical Microbiology</i> , 2004, 42, 753-758.	3.9	49
16	The Viable But Nonculturable State of <i>Ralstonia solanacearum</i> May Be Involved in Long-Term Survival and Plant Infection. <i>Applied and Environmental Microbiology</i> , 2001, 67, 3866-3872.	3.1	171
17	Viable but nonculturable uropathogenic bacteria are present in the mouse urinary tract following urinary tract infection and antibiotic therapy. <i>Urological Research</i> , 2001, 29, 60-66.	1.5	44
18	Concentrations of Copper Thought To Be Toxic to <i>Escherichia coli</i> Can Induce the Viable but Nonculturable Condition. <i>Applied and Environmental Microbiology</i> , 2001, 67, 5325-5327.	3.1	75

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19	Induction of the viable but non-culturable condition in <i>Xanthomonas campestris</i> pv. <i>campestris</i> in liquid microcosms and sterile soil. <i>FEMS Microbiology Ecology</i> , 1999, 30, 203-208.	2.7	68
20	Induction of the viable but non-culturable condition in <i>Xanthomonas campestris</i> pv. <i>campestris</i> in liquid microcosms and sterile soil. <i>FEMS Microbiology Ecology</i> , 1999, 30, 203-208.	2.7	3
21	The Viable-but-Nonculturable Condition Is Induced by Copper in <i>Agrobacterium tumefaciens</i> and <i>Rhizobium leguminosarum</i> . <i>Applied and Environmental Microbiology</i> , 1999, 65, 3754-3756.	3.1	92
22	The viable but nonculturable state in <i>Agrobacterium tumefaciens</i> and <i>Rhizobium meliloti</i> . <i>FEMS Microbiology Ecology</i> , 1997, 22, 29-37.	2.7	2
23	Topoisomerase mutations affect the relative abundance of many <i>Escherichia coli</i> proteins. <i>Molecular Microbiology</i> , 1993, 10, 473-481.	2.5	61
24	VirD2 gene product from the nopaline plasmid pTiC58 has at least two activities required for virulence. <i>Nucleic Acids Research</i> , 1990, 18, 6953-6958.	14.5	37
25	Vir box sequences in <i>Agrobacterium tumefaciens</i> pTiC58 and A6. <i>Nucleic Acids Research</i> , 1988, 16, 8736-8736.	14.5	25
26	Bacterial chromosome segregation: Evidence for DNA gyrase involvement in decatenation. <i>Cell</i> , 1984, 36, 1081-1087.	28.9	175