# Todd R Steck

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Bacterial chromosome segregation: Evidence for DNA gyrase involvement in decatenation. Cell, 1984, 36, 1081-1087. | 28.9 | 175 |
| 2 | The Viable But Nonculturable State of Ralstonia solanacearum May Be Involved in Long-Term Survival and Plant Infection. Applied and Environmental Microbiology, 2001, 67, 3866-3872. | 3.1 | 171 |
| 3 | The Viable-but-Nonculturable Condition Is Induced by Copper in Agrobacterium tumefaciens and Rhizobium leguminosarum. Applied and Environmental Microbiology, 1999, 65, 3754-3756. | 3.1 | 92 |
| 4 | Concentrations of Copper Thought To Be Toxic to Escherichia coli Can Induce the Viable but Nonculturable Condition. Applied and Environmental Microbiology, 2001, 67, 5325-5327. | 3.1 | 75 |
| 5 | Induction of the viable but non-culturable condition in Xanthomonas campestris pv. campestris in liquid microcosms and sterile soil. FEMS Microbiology Ecology, 1999, 30, 203-208. | 2.7 | 68 |
| 6 | Topoisomerase mutations affect the relative abundance of many Escherichia coli proteins. Molecular Microbiology, 1993, 10, 473-481. | 2.5 | 61 |
| 7 | Viable but Nonculturable Bacteria Are Present in Mouse and Human Urine Specimens. Journal of Clinical Microbiology, 2004, 42, 753-758. | 3.9 | 49 |
| 8 | Viable but nonculturable uropathogenic bacteria are present in the mouse urinary tract following urinary tract infection and antibiotic therapy. Urological Research, 2001, 29, 60-66. | 1.5 | 44 |
| 9 | Analysis of Changes in Diversity and Abundance of the Microbial Community in a Cystic Fibrosis Patient over a Multiyear Period. Journal of Clinical Microbiology, 2015, 53, 237-247. | 3.9 | 41 |
| 10 | VirD2gene product from the nopaline plasmid pTiC58 has at least two activities required for virulence. Nucleic Acids Research, 1990, 18, 6953-6958. | 14.5 | 37 |
| 11 | The viable but nonculturable state in Agrobacterium tumefaciens and Rhizobium meliloti. FEMS Microbiology Ecology, 2006, 22, 29-37. | 2.7 | 32 |
| 12 | Sediment can be a reservoir for coliform bacteria released into streams. Journal of General and Applied Microbiology, 2008, 54, 173-179. | 0.7 | 28 |
| 13 | Strategy for Extracting DNA from Clay Soil and Detecting a Specific Target Sequence via Selective Enrichment and Real-Time (Quantitative) PCR Amplification. Applied and Environmental Microbiology, 2009, 75, 6017-6021. | 3.1 | 28 |
| 14 | Vir box sequences inAgrobacterium tumefaciensp TiC58 and A6. Nucleic Acids Research, 1988, 16, 8736-8736. | 14.5 | 25 |
| 15 | Mechanical Homogenization Increases Bacterial Homogeneity in Sputum. Journal of Clinical Microbiology, 2014, 52, 2340-2345. | 3.9 | 14 |
| 16 | The Use of Open-Ended Problem-Based Learning Scenarios in an Interdisciplinary Biotechnology Class: Evaluation of a Problem-Based Learning Course Across Three Years. Journal of Microbiology and Biology Education, 2012, 13, 2-10. | 1.0 | 11 |
| 17 | The Relationship Between Agar Thickness and Antimicrobial Susceptibility Testing. Indian Journal of Microbiology, 2017, 57, 503-506. | 2.7 | 11 |
| 18 | Rapid emergence of a ceftazidime-resistant Burkholderia multivorans strain in a Cystic Fibrosis patient. Journal of Cystic Fibrosis, 2013, 12, 812-816. | 0.7 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Examining changes in bacterial abundance in complex communities using next-generation sequencing is enhanced with quantitative PCR. Antonie Van Leeuwenhoek, 2016, 109, 1161-1166. | 1.7 | 9 |
| 20 | Ti plasmid type affects T-DNA processing in Agrobacterium tumefaciens. FEMS Microbiology Letters, 2006, 147, 121-125. | 1.8 | 8 |
| 21 | Burkholderia multivorans Exhibits Antibiotic Collateral Sensitivity. Microbial Drug Resistance, 2020, 26, 1-8. | 2.0 | 7 |
| 22 | Reciprocal antibiotic collateral sensitivity in Burkholderia multivorans. International Journal of Antimicrobial Agents, 2020, 56, 105994. | 2.5 | 4 |
| 23 | Use of antibiotic disks to evolve drug-resistant bacteria. Antonie Van Leeuwenhoek, 2018, 111, 1719-1722. | 1.7 | 3 |
| 24 | Antibiotic Cycling Reverts Extensive Drug Resistance in Burkholderia multivorans. Antimicrobial Agents and Chemotherapy, 2021, 65, e0061121. | 3.2 | 3 |
| 25 | Induction of the viable but non-culturable condition in Xanthomonas campestris pv. campestris in liquid microcosms and sterile soil. FEMS Microbiology Ecology, 1999, 30, 203-208. | 2.7 | 3 |
| 26 | The viable but nonculturable state in Agrobacterium tumefaciens and Rhizobium meliloti. FEMS Microbiology Ecology, 1997, 22, 29-37. | 2.7 | 2 |