# Joseph A Sorg

## List of Publications by Year
## in descending order

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|---|---|---|---|
| 51<br>papers | 3,482<br>citations | 172386<br>29<br>h-index | 197736<br>49<br>g-index |
| 57<br>all docs | 57<br>docs citations | 57<br>times ranked | 2558<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Regulatory transcription factors of <i>Clostridioides difficile</i> pathogenesis with a focus on toxin regulation. Critical Reviews in Microbiology, 2023, 49, 334-349. | 2.7 | 4 |
| 2 | Clostridioides difficile spore germination: initiation to DPA release. Current Opinion in Microbiology, 2022, 65, 101-107. | 2.3 | 12 |
| 3 | Imaging Clostridioides difficile Spore Germination and Germination Proteins. Journal of Bacteriology, 2022, 204, . | 1.0 | 5 |
| 4 | Gut associated metabolites and their roles in <i>Clostridioides difficile</i> pathogenesis. Gut Microbes, 2022, 14, . | 4.3 | 14 |
| 5 | The Selenophosphate Synthetase Gene, <i>selD</i> , Is Important for Clostridioides difficile Physiology. Journal of Bacteriology, 2021, 203, e0000821. | 1.0 | 5 |
| 6 | Clostridioides difficile SpoVAD and SpoVAE Interact and Are Required for Dipicolinic Acid Uptake into Spores. Journal of Bacteriology, 2021, 203, e0039421. | 1.0 | 9 |
| 7 | The small acid-soluble proteins of Clostridioides difficile are important for UV resistance and serve as a check point for sporulation. PLoS Pathogens, 2021, 17, e1009516. | 2.1 | 10 |
| 8 | Bile acid-independent protection against Clostridioides difficile infection. PLoS Pathogens, 2021, 17, e1010015. | 2.1 | 46 |
| 9 | Protease-stable DARPins as promising oral therapeutics. Protein Engineering, Design and Selection, 2021, 34, . | 1.0 | 1 |
| 10 | Reuterin disrupts <i>Clostridioides difficile</i> metabolism and pathogenicity through reactive oxygen species generation. Gut Microbes, 2020, 12, 1795388. | 4.3 | 23 |
| 11 | Factors and Conditions That Impact Electroporation of Clostridioides difficile Strains. MSphere, 2020, 5, . | 1.3 | 7 |
| 12 | Editorial: Alternative Therapeutic Approaches For Multidrug Resistant Clostridium difficile. Frontiers in Microbiology, 2019, 10, 1216. | 1.5 | 0 |
| 13 | CRISPR Genome Editing Systems in the Genus <i>Clostridium</i> : a Timely Advancement. Journal of Bacteriology, 2019, 201, . | 1.0 | 29 |
| 14 | Role of the global regulator Rex in control of NAD<sup>+</sup>â€‹regeneration in <i>Clostridioides (Clostridium) difficile</i>. Molecular Microbiology, 2019, 111, 1671-1688. | 1.2 | 37 |
| 15 | Terbium chloride influences Clostridium difficile spore germination. Anaerobe, 2019, 58, 80-88. | 1.0 | 13 |
| 16 | The requirement for co-germinants during Clostridium difficile spore germination is influenced by mutations in yabG and cspA. PLoS Pathogens, 2019, 15, e1007681. | 2.1 | 41 |
| 17 | Role of Bile in Infectious Disease: the Gall of 7Î±-Dehydroxylating Gut Bacteria. Cell Chemical Biology, 2019, 26, 1-3. | 2.5 | 36 |
| 18 | Hierarchical recognition of amino acid co-germinants during Clostridioides difficile spore germination. Anaerobe, 2018, 49, 41-47. | 1.0 | 53 |

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|---|---|---|---|
| 19 | Conservation of the â€œOutside-inâ€• Germination Pathway in Paraclostridium bifermentans. Frontiers in Microbiology, 2018, 9, 2487. | 1.5 | 8 |
| 20 | Clostridioides difficile Biology: Sporulation, Germination, and Corresponding Therapies for C. difficile Infection. Frontiers in Cellular and Infection Microbiology, 2018, 8, 29. | 1.8 | 102 |
| 21 | Effect of <i>tcdR</i> Mutation on Sporulation in the Epidemic Clostridium difficile Strain R20291. MSphere, 2017, 2, . | 1.3 | 38 |
| 22 | A Clostridium difficile alanine racemase affects spore germination and accommodates serine as a substrate. Journal of Biological Chemistry, 2017, 292, 10735-10742. | 1.6 | 38 |
| 23 | Using CRISPR-Cas9-mediated genome editing to generate C. difficile mutants defective in selenoproteins synthesis. Scientific Reports, 2017, 7, 14672. | 1.6 | 79 |
| 24 | Dipicolinic Acid Release by Germinating Clostridium difficile Spores Occurs through a Mechanosensing Mechanism. MSphere, 2016, 1, . | 1.3 | 49 |
| 25 | Germinants and Their Receptors in Clostridia. Journal of Bacteriology, 2016, 198, 2767-2775. | 1.0 | 60 |
| 26 | Detecting Cortex Fragments During Bacterial Spore Germination. Journal of Visualized Experiments, 2016, , . | 0.2 | 7 |
| 27 | Reexamining the Germination Phenotypes of Several Clostridium difficile Strains Suggests Another Role for the CspC Germinant Receptor. Journal of Bacteriology, 2016, 198, 777-786. | 1.0 | 52 |
| 28 | Identification of a Novel Lipoprotein Regulator of Clostridium difficile Spore Germination. PLoS Pathogens, 2015, 11, e1005239. | 2.1 | 66 |
| 29 | Effects of Surotomycin on Clostridium difficile Viability and Toxin ProductionIn Vitro. Antimicrobial Agents and Chemotherapy, 2015, 59, 4199-4205. | 1.4 | 25 |
| 30 | Spore Cortex Hydrolysis Precedes Dipicolinic Acid Release during Clostridium difficile Spore Germination. Journal of Bacteriology, 2015, 197, 2276-2283. | 1.0 | 85 |
| 31 | Microbial Bile Acid Metabolic Clusters: The Bouncers at the Bar. Cell Host and Microbe, 2014, 16, 551-552. | 5.1 | 10 |
| 32 | Clostridium difficile spore biology: sporulation, germination, and spore structural proteins. Trends in Microbiology, 2014, 22, 406-416. | 3.5 | 346 |
| 33 | Bile Acid Recognition by the Clostridium difficile Germinant Receptor, CspC, Is Important for Establishing Infection. PLoS Pathogens, 2013, 9, e1003356. | 2.1 | 242 |
| 34 | Site-Directed Mutations in the Lanthipeptide Mutacin 1140. Applied and Environmental Microbiology, 2013, 79, 4015-4023. | 1.4 | 47 |
| 35 | Both Fidaxomicin and Vancomycin Inhibit Outgrowth of Clostridium difficile Spores. Antimicrobial Agents and Chemotherapy, 2013, 57, 664-667. | 1.4 | 59 |
| 36 | Small molecule inhibitor of lipoteichoic acid synthesis is an antibiotic for Gram-positive bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3531-3536. | 3.3 | 90 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | Muricholic Acids Inhibit Clostridium difficile Spore Germination and Growth. PLoS ONE, 2013, 8, e73653. | 1.1 | 64 |
| 38 | Virulence Studies of Clostridium difficile. Bio-protocol, 2013, 3, . | 0.2 | 0 |
| 39 | Genetic Manipulation of <i>Clostridium difficile</i>. Current Protocols in Microbiology, 2011, 20, Unit 9A.2. | 6.5 | 84 |
| 40 | Metabolism of Bile Salts in Mice Influences Spore Germination in Clostridium difficile. PLoS ONE, 2010, 5, e8740. | 1.1 | 165 |
| 41 | Inhibiting the Initiation of<i>Clostridium difficile</i>Spore Germination using Analogs of Chenodeoxycholic Acid, a Bile Acid. Journal of Bacteriology, 2010, 192, 4983-4990. | 1.0 | 290 |
| 42 | Chenodeoxycholate Is an Inhibitor of <i>Clostridium difficile</i> Spore Germination. Journal of Bacteriology, 2009, 191, 1115-1117. | 1.0 | 178 |
| 43 | Laboratory Maintenance of <i>Clostridium difficile</i>. Current Protocols in Microbiology, 2009, 12, Unit9A.1. | 6.5 | 129 |
| 44 | <i>Yersinia enterocolitica</i> type III secretion of YopR requires a structure in its mRNA. Molecular Microbiology, 2008, 70, 1210-1222. | 1.2 | 19 |
| 45 | Bile Salts and Glycine as Cogerminants for <i>Clostridium difficile</i> Spores. Journal of Bacteriology, 2008, 190, 2505-2512. | 1.0 | 612 |
| 46 | Impassable YscP Substrates and Their Impact on the <i>Yersinia enterocolitica</i> Type III Secretion Pathway. Journal of Bacteriology, 2008, 190, 6204-6216. | 1.0 | 32 |
| 47 | Secretion signal recognition by YscN, the Yersinia type III secretion ATPase. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16490-16495. | 3.3 | 45 |
| 48 | Substrate recognition of type III secretion machines -testing the RNA signal hypothesis. Cellular Microbiology, 2005, 7, 1217-1225. | 1.1 | 39 |
| 49 | Rejection of Impassable Substrates by Yersinia Type III Secretion Machines. Journal of Bacteriology, 2005, 187, 7090-7102. | 1.0 | 29 |
| 50 | The Secretion Signal of YopN, a Regulatory Protein of the Yersinia enterocolitica Type III Secretion Pathway. Journal of Bacteriology, 2004, 186, 6320-6324. | 1.0 | 12 |
| 51 | Binding of SycH Chaperone to YscM1 and YscM2 Activates Effector yop Expression in Yersinia enterocolitica. Journal of Bacteriology, 2004, 186, 829-841. | 1.0 | 36 |