

David S Roos

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,549
citations

186265

28
h-index

315739

38
g-index

43
all docs

43
docs citations

43
times ranked

5700
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | VEuPathDB: the eukaryotic pathogen, vector and host bioinformatics resource center. <i>Nucleic Acids Research</i> , 2022, 50, D898-D911. | 14.5 | 277 |
| 2 | VectorBase.org updates: bioinformatic resources for invertebrate vectors of human pathogens and related organisms. <i>Current Opinion in Insect Science</i> , 2022, 50, 100860. | 4.4 | 23 |
| 3 | Cooperation in Countering Artemisinin Resistance in Africa: Learning from COVID-19. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, , . | 1.4 | 2 |
| 4 | The Quest for Orthologs orthology benchmark service in 2022. <i>Nucleic Acids Research</i> , 2022, 50, W623-W632. | 14.5 | 29 |
| 5 | The <i>Toxoplasma gondii</i> virulence factor ROP16 acts in cis and trans, and suppresses T cell responses. <i>Journal of Experimental Medicine</i> , 2020, 217, . | 8.5 | 43 |
| 6 | ToxoDB: Functional Genomics Resource for Toxoplasma and Related Organisms. <i>Methods in Molecular Biology</i> , 2020, 2071, 27-47. | 0.9 | 50 |
| 7 | Malaria Transmission, Infection, and Disease following Sustained Indoor Residual Spraying of Insecticide in Tororo, Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1525-1533. | 1.4 | 43 |
| 8 | ClinEpiDB: an open-access clinical epidemiology database resource encouraging online exploration of complex studies. <i>Gates Open Research</i> , 2019, 3, 1661. | 1.1 | 20 |
| 9 | ClinEpiDB: an open-access clinical epidemiology database resource encouraging online exploration of complex studies. <i>Gates Open Research</i> , 2019, 3, 1661. | 1.1 | 20 |
| 10 | MicrobiomeDB: a systems biology platform for integrating, mining and analyzing microbiome experiments. <i>Nucleic Acids Research</i> , 2018, 46, D684-D691. | 14.5 | 47 |
| 11 | CSGID Solves Structures and Identifies Phenotypes for Five Enzymes in <i>Toxoplasma gondii</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 352. | 3.9 | 14 |
| 12 | Aspartyl Protease 5 Matures Dense Granule Proteins That Reside at the Host-Parasite Interface in <i>Toxoplasma gondii</i> . <i>MBio</i> , 2018, 9, . | 4.1 | 46 |
| 13 | FungiDB: An Integrated Bioinformatic Resource for Fungi and Oomycetes. <i>Journal of Fungi (Basel)</i> , 2018, 4, 309. | 3.5 | 309 |
| 14 | Glycolysis is important for optimal asexual growth and formation of mature tissue cysts by <i>Toxoplasma gondii</i> . <i>International Journal for Parasitology</i> , 2018, 48, 955-968. | 3.1 | 45 |
| 15 | EuPathDB: The Eukaryotic Pathogen Genomics Database Resource. <i>Methods in Molecular Biology</i> , 2018, 1757, 69-113. | 0.9 | 80 |
| 16 | EuPathDB: the eukaryotic pathogen genomics database resource. <i>Nucleic Acids Research</i> , 2017, 45, D581-D591. | 14.5 | 191 |
| 17 | <i>O</i> -fucosylated glycoproteins form assemblies in close proximity to the nuclear pore complexes of <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11567-11572. | 7.1 | 39 |
| 18 | Local admixture of amplified and diversified secreted pathogenesis determinants shapes mosaic <i>Toxoplasma gondii</i> genomes. <i>Nature Communications</i> , 2016, 7, 10147. | 12.8 | 243 |

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|----|--|------|-----------|
| 19 | A Lipolytic Lecithin:Cholesterol Acyltransferase Secreted by Toxoplasma Facilitates Parasite Replication and Egress. <i>Journal of Biological Chemistry</i> , 2016, 291, 3725-3746. | 3.4 | 48 |
| 20 | The Orphan Nuclear Receptor TLX Is an Enhancer of STAT1-Mediated Transcription and Immunity to <i>Toxoplasma gondii</i> . <i>PLoS Biology</i> , 2015, 13, e1002200. | 5.6 | 25 |
| 21 | Chromerid genomes reveal the evolutionary path from photosynthetic algae to obligate intracellular parasites. <i>ELife</i> , 2015, 4, e06974. | 6.0 | 198 |
| 22 | A large-scale proteogenomics study of apicomplexan pathogens " <i>Toxoplasma gondii</i> " and " <i>Neospora caninum</i> ". <i>Proteomics</i> , 2015, 15, 2618-2628. | 2.2 | 19 |
| 23 | A review of the global burden, novel diagnostics, therapeutics, and vaccine targets for cryptosporidium. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 85-94. | 9.1 | 725 |
| 24 | Genomic Profiling of Human <i>Leishmania braziliensis</i> Lesions Identifies Transcriptional Modules Associated with Cutaneous Immunopathology. <i>Journal of Investigative Dermatology</i> , 2015, 135, 94-101. | 0.7 | 130 |
| 25 | Differential Induction of TLR3-Dependent Innate Immune Signaling by Closely Related Parasite Species. <i>PLoS ONE</i> , 2014, 9, e88398. | 2.5 | 57 |
| 26 | Evolutionary cell biology: Two origins, one objective. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16990-16994. | 7.1 | 108 |
| 27 | Bystander Chronic Infection Negatively Impacts Development of CD8+ T Cell Memory. <i>Immunity</i> , 2014, 40, 801-813. | 14.3 | 78 |
| 28 | Dynamics of the <i>Toxoplasma gondii</i> inner membrane complex. <i>Journal of Cell Science</i> , 2014, 127, 3320-30. | 2.0 | 53 |
| 29 | The strategies WDK: a graphical search interface and web development kit for functional genomics databases. <i>Database: the Journal of Biological Databases and Curation</i> , 2011, 2011, bar027-bar027. | 3.0 | 15 |
| 30 | Just one cross appears capable of dramatically altering the population biology of a eukaryotic pathogen like <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10514-10519. | 7.1 | 112 |
| 31 | PlasmoDB: the Plasmodium genome resource. A database integrating experimental and computational data. <i>Nucleic Acids Research</i> , 2003, 31, 212-215. | 14.5 | 329 |
| 32 | Mining the Plasmodium genome database to define organellar function: what does the apicoplast do?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002, 357, 35-46. | 4.0 | 70 |
| 33 | Interleukin-10 does not contribute to the pathogenesis of a virulent strain of <i>Toxoplasma gondii</i> . <i>Parasite Immunology</i> , 2001, 23, 291-296. | 1.5 | 33 |
| 34 | THE APICOPLAST - WHERE DID IT COME FROM; WHAT DOES IT DO? Mining the Plasmodium genome to define an organellar "metabolome". <i>Biochemical Society Transactions</i> , 2000, 28, A473-A473. | 3.4 | 0 |
| 35 | The Plastid of <i>Toxoplasma gondii</i> Is Divided by Association with the Centrosomes. <i>Journal of Cell Biology</i> , 2000, 151, 1423-1434. | 5.2 | 222 |
| 36 | Shikimate pathway in apicomplexan parasites. <i>Nature</i> , 1999, 397, 219-220. | 27.8 | 91 |

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|----|--|------|-----------|
| 37 | Transport and Trafficking: <i>Toxoplasma</i> as a Model for <i>Plasmodium</i> . Novartis Foundation Symposium, 1999, 226, 176-198. | 1.1 | 25 |
| 38 | A plastid organelle as a drug target in apicomplexan parasites. Nature, 1997, 390, 407-409. | 27.8 | 560 |
| 39 | Crystal structures of <i>Toxoplasma gondii</i> HGXPRTase reveal the catalytic role of a long flexible loop. Nature Structural and Molecular Biology, 1996, 3, 881-887. | 8.2 | 102 |
| 40 | PlasmoDB: The Plasmodium Genome Resource. , 0, , 12-23. | | 17 |