

Koen J Dechering

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,023
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

1702
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A novel multiple-stage antimalarial agent that inhibits protein synthesis. <i>Nature</i> , 2015, 522, 315-320. | 27.8 | 353 |
| 2 | A long-duration dihydroorotate dehydrogenase inhibitor (DSM265) for prevention and treatment of malaria. <i>Science Translational Medicine</i> , 2015, 7, 296ra111. | 12.4 | 254 |
| 3 | A semi-automated luminescence based standard membrane feeding assay identifies novel small molecules that inhibit transmission of malaria parasites by mosquitoes. <i>Scientific Reports</i> , 2016, 5, 18704. | 3.3 | 81 |
| 4 | Repurposing isoxazoline veterinary drugs for control of vector-borne human diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6920-E6926. | 7.1 | 62 |
| 5 | Antimalarial pantothenamide metabolites target acetylâ€œcoenzyme A biosynthesis in <i>Plasmodium falciparum</i> . <i>Science Translational Medicine</i> , 2019, 11, . | 12.4 | 59 |
| 6 | MalDA, Accelerating Malaria Drug Discovery. <i>Trends in Parasitology</i> , 2021, 37, 493-507. | 3.3 | 51 |
| 7 | A Scalable Assessment of <i>Plasmodium falciparum</i> Transmission in the Standard Membrane-Feeding Assay, Using Transgenic Parasites Expressing Green Fluorescent Proteinâ€œLuciferase. <i>Journal of Infectious Diseases</i> , 2014, 210, 1456-1463. | 4.0 | 48 |
| 8 | Prioritization of Molecular Targets for Antimalarial Drug Discovery. <i>ACS Infectious Diseases</i> , 2021, 7, 2764-2776. | 3.8 | 35 |
| 9 | Novel pantothenate derivatives for anti-malarial chemotherapy. <i>Malaria Journal</i> , 2015, 14, 169. | 2.3 | 23 |
| 10 | Modelling mosquito infection at natural parasite densities identifies drugs targeting EF2, PI4K or ATP4 as key candidates for interrupting malaria transmission. <i>Scientific Reports</i> , 2017, 7, 17680. | 3.3 | 22 |
| 11 | Analysis of the dose-dependent stage-specific in vitro efficacy of a multi-stage malaria vaccine candidate cocktail. <i>Malaria Journal</i> , 2016, 15, 279. | 2.3 | 19 |
| 12 | Preclinical characterization and target validation of the antimalarial pantothenamide MMV693183. <i>Nature Communications</i> , 2022, 13, 2158. | 12.8 | 13 |
| 13 | Barcoded <i>Asaia</i> bacteria enable mosquito in vivo screens and identify novel systemic insecticides and inhibitors of malaria transmission. <i>PLoS Biology</i> , 2021, 19, e3001426. | 5.6 | 2 |