

Aidan J O'donnell

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

553
citations

840776

11
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

538
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Mistimed malaria parasites re-synchronize with host feeding-fasting rhythms by shortening the duration of intra-erythrocytic development. <i>Parasite Immunology</i> , 2022, 44, e12898. | 1.5 | 8 |
| 2 | Automated detection and staging of malaria parasites from cytological smears using convolutional neural networks. <i>Biological Imaging</i> , 2021, 1, e2. | 2.2 | 15 |
| 3 | Ecology of asynchronous asexual replication: the intraerythrocytic development cycle of <i>Plasmodium berghei</i> is resistant to host rhythms. <i>Malaria Journal</i> , 2021, 20, 105. | 2.3 | 3 |
| 4 | Synchrony between daily rhythms of malaria parasites and hosts is driven by an essential amino acid. <i>Wellcome Open Research</i> , 2021, 6, 186. | 1.8 | 5 |
| 5 | Host circadian clocks do not set the schedule for the within-host replication of malaria parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200347. | 2.6 | 14 |
| 6 | Malaria parasites regulate intra-erythrocytic development duration via serpentine receptor 10 to coordinate with host rhythms. <i>Nature Communications</i> , 2020, 11, 2763. | 12.8 | 41 |
| 7 | Testing possible causes of gametocyte reduction in temporally out-of-synch malaria infections. <i>Malaria Journal</i> , 2020, 19, 17. | 2.3 | 7 |
| 8 | Host circadian rhythms are disrupted during malaria infection in parasite genotype-specific manners. <i>Scientific Reports</i> , 2019, 9, 10905. | 3.3 | 26 |
| 9 | Time-of-day of blood-feeding: effects on mosquito life history and malaria transmission. <i>Parasites and Vectors</i> , 2019, 12, 301. | 2.5 | 25 |
| 10 | Adaptive phenotypic plasticity in malaria parasites is not constrained by previous responses to environmental change. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 190-198. | 2.5 | 2 |
| 11 | Early <i>Plasmodium</i> -induced inflammation does not accelerate aging in mice. <i>Evolutionary Applications</i> , 2019, 12, 314-323. | 3.1 | 3 |
| 12 | The evolutionary ecology of circadian rhythms in infection. <i>Nature Ecology and Evolution</i> , 2019, 3, 552-560. | 7.8 | 63 |
| 13 | Adaptive periodicity in the infectivity of malaria gametocytes to mosquitoes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181876. | 2.6 | 30 |
| 14 | Timing of host feeding drives rhythms in parasite replication. <i>PLoS Pathogens</i> , 2018, 14, e1006900. | 4.7 | 48 |
| 15 | Phenotypic plasticity in reproductive effort: malaria parasites respond to resource availability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171229. | 2.6 | 22 |
| 16 | Daily Rhythms in Mosquitoes and Their Consequences for Malaria Transmission. <i>Insects</i> , 2016, 7, 14. | 2.2 | 84 |
| 17 | Disrupting rhythms in <i>Plasmodium chabaudi</i> : costs accrue quickly and independently of how infections are initiated. <i>Malaria Journal</i> , 2013, 12, 372. | 2.3 | 31 |
| 18 | Fitness costs of disrupting circadian rhythms in malaria parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2429-2436. | 2.6 | 100 |

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|----|--|-----|-----------|
| 19 | Synchrony between daily rhythms of malaria parasites and hosts is driven by an essential amino acid. Wellcome Open Research, 0, 6, 186. | 1.8 | 6 |