Gerry Q Tonkin-Hill

List of Publications by Year in Descending Order

30 papers	**580** citations
12 h-index	**24** g-index
41 ext. papers	**1,157** ext. citations
9 avg, IF	**4.03** L-index

#	Paper	IF	Citations
30	Genome-wide association, prediction and heritability in bacteria with application to .. *NAR Genomics and Bioinformatics*, **2022**, 4, lqac011	3.7	2
29	Genomic epidemiology of COVID-19 in care homes in the east of England. *ELife*, **2021**, 10,	8.9	8
28	Apparent nosocomial adaptation of Enterococcus faecalis predates the modern hospital era. *Nature Communications*, **2021**, 12, 1523	17.4	12
27	Common virulence gene expression in adult first-time infected malaria patients and severe cases. *ELife*, **2021**, 10,	8.9	3
26	Emergence and dissemination of antimicrobial resistance in Escherichia coli causing bloodstream infections in Norway in 2002-17: a nationwide, longitudinal, microbial population genomic study.. *Lancet Microbe, The*, **2021**, 2, e331-e341	22.2	5
25	Evolutionary analyses of the major variant surface antigen-encoding genes reveal population structure of Plasmodium falciparum within and between continents. *PLoS Genetics*, **2021**, 17, e1009269	6	5
24	A comprehensive and high-quality collection of genomes and their genes. *Microbial Genomics*, **2021**, 7,	4.4	12
23	Patterns of within-host genetic diversity in SARS-CoV-2. *ELife*, **2021**, 10,	8.9	26
22	Identifying targets of protective antibodies against severe malaria in Papua, Indonesia using locally expressed domains of Erythrocyte Membrane Protein 1. *Infection and Immunity*, **2021**, IAI0043521	3.7	0
21	Tentacle Transcriptomes of the Speckled Anemone (Actiniaria: Actiniidae: Oulactis sp.): Venom-Related Components and Their Domain Structure. *Marine Biotechnology*, **2020**, 22, 207-219	3.4	8
20	Producing polished prokaryotic pangenomes with the Panaroo pipeline. *Genome Biology*, **2020**, 21, 180	18.3	108
19	Bacterial genome-wide association study of hyper-virulent pneumococcal serotype 1 identifies genetic variation associated with neurotropism. *Communications Biology*, **2020**, 3, 559	6.7	1
18	Fast and flexible bacterial genomic epidemiology with PopPUNK. *Genome Research*, **2019**, 29, 304-316	9.7	102
17	Fast hierarchical Bayesian analysis of population structure. *Nucleic Acids Research*, **2019**, 47, 5539-5549	20.1	57
16	Genome-wide epistasis and co-selection study using mutual information. *Nucleic Acids Research*, **2019**, 47, e112	20.1	19
15	Bacterial Population Genomics **2019**, 997-1020		3
14	The inner ear proteome of fish. *FEBS Journal*, **2019**, 286, 66-81	5.7	26

LIST OF PUBLICATIONS

13	A high parasite density environment induces transcriptional changes and cell death in Plasmodium falciparum blood stages. *FEBS Journal*, **2018**, 285, 848-870	5.7	14
12	The Plasmodium falciparum transcriptome in severe malaria reveals altered expression of genes involved in important processes including surface antigen-encoding var genes. *PLoS Biology*, **2018**, 16, e2004328	9.7	38
11	RhierBAPS: An R implementation of the population clustering algorithm hierBAPS. *Wellcome Open Research*, **2018**, 3, 93	4.8	81
10	Population genomics of virulence genes of Plasmodium falciparum in clinical isolates from Uganda. *Scientific Reports*, **2017**, 7, 11810	4.9	12
9	Stronger together. *Nature Reviews Microbiology*, **2017**, 15, 516	22.2	1
8	The Use of Imaging Mass Spectrometry to Study Peptide Toxin Distribution in Australian Sea Anemones. *Australian Journal of Chemistry*, **2017**, 70, 1235	1.2	14
7	Fast Hierarchical Bayesian Analysis of Population Structure		1
6	Producing Polished Prokaryotic Pangenomes with the Panaroo Pipeline		6
5	Genomic epidemiology of COVID-19 in care homes in the East of England		2
4	A comprehensive and high-quality collection of E. coli genomes and their genes		2
3	Gene expression profiling of malaria parasites reveals common virulence gene expression in adult first-time infected patients and severe cases		1
2	Patterns of within-host genetic diversity in SARS-CoV-2		8
1	Fast and flexible bacterial genomic epidemiology with PopPUNK		3