

Fergal J Duffy

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

968
citations

623188

14
h-index

552369

26
g-index

34
all docs

34
docs citations

34
times ranked

1603
citing authors

#	ARTICLE	IF	CITATIONS
1	Four-Gene Pan-African Blood Signature Predicts Progression to Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1198-1208.	2.5	217
2	Metabolite changes in blood predict the onset of tuberculosis. <i>Nature Communications</i> , 2018, 9, 5208.	5.8	129
3	Linking EPCR-Binding PfEMP1 to Brain Swelling in Pediatric Cerebral Malaria. <i>Cell Host and Microbe</i> , 2017, 22, 601-614.e5.	5.1	92
4	Ultra-low Dose Aerosol Infection of Mice with <i>Mycobacterium tuberculosis</i> More Closely Models Human Tuberculosis. <i>Cell Host and Microbe</i> , 2021, 29, 68-82.e5.	5.1	62
5	Plasma N-glycans in colorectal cancer risk. <i>Scientific Reports</i> , 2018, 8, 8655.	1.6	57
6	Detection of Tuberculosis Recurrence, Diagnosis and Treatment Response by a Blood Transcriptomic Risk Signature in HIV-Infected Persons on Antiretroviral Therapy. <i>Frontiers in Microbiology</i> , 2019, 10, 1441.	1.5	46
7	A Serum Circulating miRNA Signature for Short-Term Risk of Progression to Active Tuberculosis Among Household Contacts. <i>Frontiers in Immunology</i> , 2018, 9, 661.	2.2	42
8	Immunometabolic Signatures Predict Risk of Progression to Active Tuberculosis and Disease Outcome. <i>Frontiers in Immunology</i> , 2019, 10, 527.	2.2	40
9	Contained <i>Mycobacterium tuberculosis</i> infection induces concomitant and heterologous protection. <i>PLoS Pathogens</i> , 2020, 16, e1008655.	2.1	37
10	CycloPs: Generating Virtual Libraries of Cyclized and Constrained Peptides Including Nonnatural Amino Acids. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 829-836.	2.5	34
11	Predicting Binding within Disordered Protein Regions to Structurally Characterised Peptide-Binding Domains. <i>PLoS ONE</i> , 2013, 8, e72838.	1.1	33
12	Meta-analysis of <i>Plasmodium falciparum</i> Signatures Contributing to Severe Malaria in African Children and Indian Adults. <i>MBio</i> , 2019, 10, .	1.8	28
13	Computational Approaches to Developing Short Cyclic Peptide Modulators of Protein-Protein Interactions. <i>Methods in Molecular Biology</i> , 2015, 1268, 241-271.	0.4	27
14	Determinants of brain swelling in pediatric and adult cerebral malaria. <i>JCI Insight</i> , 2021, 6, .	2.3	25
15	Virtual Screening Using Combinatorial Cyclic Peptide Libraries Reveals Protein Interfaces Readily Targetable by Cyclic Peptides. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 600-613.	2.5	14
16	Multinomial modelling of TB/HIV co-infection yields a robust predictive signature and generates hypotheses about the HIV+TB+ disease state. <i>PLoS ONE</i> , 2019, 14, e0219322.	1.1	11
17	TIN [®] A Combinatorial Compound Collection of Synthetically Feasible Multicomponent Synthesis Products. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 986-995.	2.5	10
18	Angiotensin II receptor I auto-antibodies following SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021, 16, e0259902.	1.1	10

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19	GlycoProfileAssigner: automated structural assignment with error estimation for glycan LC data. <i>Bioinformatics</i> , 2015, 31, 2220-2221.	1.8	9
20	Systems analysis of immune responses to attenuated <i>P. falciparum</i> malaria sporozoite vaccination reveals excessive inflammatory signatures correlating with impaired immunity. <i>PLoS Pathogens</i> , 2022, 18, e1010282.	2.1	9
21	Preimmunization correlates of protection shared across malaria vaccine trials in adults. <i>Npj Vaccines</i> , 2022, 7, 5.	2.9	8
22	Computational Opportunities and Challenges in Finding Cyclic Peptide Modulators of Protein-Protein Interactions. <i>Methods in Molecular Biology</i> , 2019, 2001, 73-95.	0.4	7
23	The Peripheral Blood Transcriptome Is Correlated With PET Measures of Lung Inflammation During Successful Tuberculosis Treatment. <i>Frontiers in Immunology</i> , 2020, 11, 596173.	2.2	6
24	Early whole blood transcriptional responses to radiation-attenuated <i>Plasmodium falciparum</i> sporozoite vaccination in malaria naïve and malaria pre-exposed adult volunteers. <i>Malaria Journal</i> , 2021, 20, 308.	0.8	6
25	Use of a Contained <i>Mycobacterium tuberculosis</i> Mouse Infection Model to Predict Active Disease and Containment in Humans. <i>Journal of Infectious Diseases</i> , 2022, 225, 1832-1840.	1.9	4
26	Computational survey of peptides derived from disulphide-bonded protein loops that may serve as mediators of protein-protein interactions. <i>BMC Bioinformatics</i> , 2014, 15, 305.	1.2	3
27	Contained <i>Mycobacterium tuberculosis</i> infection induces concomitant and heterologous protection. , 2020, 16, e1008655.		0
28	Contained <i>Mycobacterium tuberculosis</i> infection induces concomitant and heterologous protection. , 2020, 16, e1008655.		0
29	Contained <i>Mycobacterium tuberculosis</i> infection induces concomitant and heterologous protection. , 2020, 16, e1008655.		0
30	Contained <i>Mycobacterium tuberculosis</i> infection induces concomitant and heterologous protection. , 2020, 16, e1008655.		0
31	Contained <i>Mycobacterium tuberculosis</i> infection induces concomitant and heterologous protection. , 2020, 16, e1008655.		0