

Delmiro Fernandez-Reyes

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,263
citations

471509

17
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of diagnostic markers for tuberculosis by proteomic fingerprinting of serum. <i>Lancet, The</i> , 2006, 368, 1012-1021.	13.7	240
2	Cytoadherence, pathogenesis and the infected red cell surface in <i>Plasmodium falciparum</i> . <i>International Journal for Parasitology</i> , 1999, 29, 927-937.	3.1	141
3	The merozoite surface protein 6 gene codes for a 36 kDa protein associated with the <i>Plasmodium falciparum</i> merozoite surface protein-1 complex. <i>Molecular and Biochemical Parasitology</i> , 2001, 112, 91-101.	1.1	108
4	The 22 kDa component of the protein complex on the surface of <i>Plasmodium falciparum</i> merozoites is derived from a larger precursor, merozoite surface protein 7. <i>Molecular and Biochemical Parasitology</i> , 2001, 117, 83-89.	1.1	103
5	A Tutorial on Canonical Correlation Methods. <i>ACM Computing Surveys</i> , 2018, 50, 1-33.	23.0	65
6	Profiling persistent tubercule bacilli from patient sputa during therapy predicts early drug efficacy. <i>BMC Medicine</i> , 2016, 14, 68.	5.5	55
7	<i>Plasmodium</i> cysteine repeat modular proteins 174: complex proteins with roles throughout the malaria parasite life cycle. <i>Cellular Microbiology</i> , 2007, 9, 1466-1480.	2.1	54
8	Malaria Induces Anemia through CD8 ⁺ T Cell-Dependent Parasite Clearance and Erythrocyte Removal in the Spleen. <i>MBio</i> , 2015, 6, .	4.1	46
9	Circulatory hepcidin is associated with the anti-inflammatory response but not with iron or anemic status in childhood malaria. <i>Blood</i> , 2013, 121, 3016-3022.	1.4	42
10	Host immunity modulates transcriptional changes in a multigene family (<i>yir</i>) of rodent malaria. <i>Molecular Microbiology</i> , 2005, 58, 636-647.	2.5	41
11	Affinity Proteomics Reveals Elevated Muscle Proteins in Plasma of Children with Cerebral Malaria. <i>PLoS Pathogens</i> , 2014, 10, e1004038.	4.7	40
12	Haemoglobinuria among children with severe malaria attending tertiary care in Ibadan, Nigeria. <i>Malaria Journal</i> , 2012, 11, 336.	2.3	31
13	SARS-CoV-2 inhibition using a mucoadhesive, amphiphilic chitosan that may serve as an anti-viral nasal spray. <i>Scientific Reports</i> , 2021, 11, 20012.	3.3	31
14	Expert-level automated malaria diagnosis on routine blood films with deep neural networks. <i>American Journal of Hematology</i> , 2020, 95, 883-891.	4.1	30
15	Discriminating Active from Latent Tuberculosis in Patients Presenting to Community Clinics. <i>PLoS ONE</i> , 2012, 7, e38080.	2.5	30
16	Digital refocusing and extended depth of field reconstruction in Fourier ptychographic microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 215.	2.9	22
17	Biomarker Discovery by Sparse Canonical Correlation Analysis of Complex Clinical Phenotypes of Tuberculosis and Malaria. <i>PLoS Computational Biology</i> , 2013, 9, e1003018.	3.2	21
18	The <i>IL17F</i> and <i>IL17RA</i> Genetic Variants Increase Risk of Cerebral Malaria in Two African Populations. <i>Infection and Immunity</i> , 2016, 84, 590-597.	2.2	18

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19	Severe Childhood Malaria Syndromes Defined by Plasma Proteome Profiles. PLoS ONE, 2012, 7, e49778.	2.5	18
20	Data-driven malaria prevalence prediction in large densely populated urban holoendemic sub-Saharan West Africa. Scientific Reports, 2020, 10, 15918.	3.3	16
21	A Functional IL22 Polymorphism (rs2227473) Is Associated with Predisposition to Childhood Cerebral Malaria. Scientific Reports, 2017, 7, 41636.	3.3	14
22	Development, deployment and evaluation of digitally enabled, remote, supported rehabilitation for people with long COVID-19 (Living With COVID-19 Recovery): protocol for a mixed-methods study. BMJ Open, 2022, 12, e057408.	1.9	14
23	Optical mesoscopy, machine learning, and computational microscopy enable high information content diagnostic imaging of blood films. Journal of Pathology, 2021, 255, 62-71.	4.5	10
24	Rapid Diagnostic Algorithms as a Screening Tool for Tuberculosis: An Assessor Blinded Cross-Sectional Study. PLoS ONE, 2012, 7, e49658.	2.5	9
25	Low plasma haptoglobin is a risk factor for life-threatening childhood severe malarial anemia and not an exclusive consequence of hemolysis. Scientific Reports, 2018, 8, 17527.	3.3	9
26	Development of an Extension of the Otsu Algorithm for Multidimensional Image Segmentation of Thin-Film Blood Slides. , 2007, , .		8
27	Wisdom of crowds detects COVID-19 severity ahead of officially available data. Scientific Reports, 2021, 11, 13678.	3.3	8
28	Network topological determinants of pathogen spread. Scientific Reports, 2022, 12, 7692.	3.3	8
29	Structure-dependent amplification for denoising and background correction in Fourier ptychographic microscopy. Optics Express, 2020, 28, 35438.	3.4	7
30	Estimation of Relevant Variables on High-Dimensional Biological Patterns Using Iterated Weighted Kernel Functions. PLoS ONE, 2008, 3, e1806.	2.5	7
31	Editorial: Inflammatory Signaling in Bone Marrow Failure and Hematopoietic Malignancy. Frontiers in Immunology, 2017, 8, 660.	4.8	5
32	Content aware multi-focus image fusion for high-magnification blood film microscopy. Biomedical Optics Express, 2022, 13, 1005.	2.9	2
33	Stain-free identification of tissue pathology using a generative adversarial network to infer nanomechanical signatures. Nanoscale Advances, 2021, 3, 6403-6414.	4.6	1
34	Depleted circulatory complement-lysis inhibitor (CLI) in childhood cerebral malaria returns to normal with convalescence. Malaria Journal, 2020, 19, 167.	2.3	0